LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.293	554	562	576	rBV	3127546	4817253	12.23%	1.278%
2	6.846	646	656	672	rBV	178690	613797	1.56%	0.163%
3	6.969	672	677	681	rVV	241059	403464	1.02%	0.107%
4	7.010	681	684	699	rVB3	150267	294238	0.75%	0.078%
5	7.169	705	711	726	rBV	297247	559816	1.42%	0.149%
6	7.610	779	786	800	rBV	510446	955800	2.43%	0.254%
7	7.805	812	819	827	rVV	437942	739011	1.88%	0.196%
8	8.363	907	914	927	rBV	281283	719854	1.83%	0.191%
9	8.787	979	986	1006	rVB	298359	613038	1.56%	0.163%
10	9.499	1100	1107	1122	rBV	244819	498874	1.27%	0.132%
11	10.075	1197	1205	1214	rBV	226707	652591	1.66%	0.173%
12	10.375	1248	1256	1260	rBV	719166	1364488	3.46%	0.362%
13	10.428	1260	1265	1282	rVB	1187278	2312639	5.87%	0.614%
14	10.569	1282	1289	1305	rBV2	167892	460099	1.17%	0.122%
15	12.057	1536	1542	1552	rBV	252029	459555	1.17%	0.122%
16	13.681	1812	1818	1828	rVV	800632	1256385	3.19%	0.333%
17	13.945	1856	1863	1865	rBV	1025853	1457444	3.70%	0.387%
18	13.975	1865	1868	1878	rVB	1074718	1891094	4.80%	0.502%
19	14.257	1910	1916	1922	rVV	1307979	2056706	5.22%	0.546%
20	14.322	1922	1927	1939	rVB	325504	603829	1.53%	0.160%
21	14.675	1983	1987	1995	rVV	328731	609994	1.55%	0.162%
22	15.281	2083	2090	2096	rVV	1359611	2039413	5.18%	0.541%
23	15.339	2096	2100	2111	rVB	250821	426113	1.08%	0.113%
24	15.469	2117	2122	2128	rBV	268171	506496	1.29%	0.134%
25	15.998	2206	2212	2218	rBV3	683383	1167889	2.97%	0.310%
26	16.051	2218	2221	2229	rVV	287018	521226	1.32%	0.138%
27	16.822	2345	2352	2357	rVV3	237347	451925	1.15%	0.120%
28	17.075	2388	2395	2399	rBV	1518546	2544772	6.46%	0.675%
29	17.122	2399	2403	2408	rVV	987622	1447473	3.67%	0.384%
30	17.181	2408	2413	2416	rVV2	1428012	2135563	5.42%	0.567%
31	17.216	2416	2419	2424	rVV	888830	1203278	3.05%	0.319%
32	17.286	2424	2431	2439	rVB3	735798	1643828	4.17%	0.436%
33	17.480	2459	2464	2467	rBV2	220840	382427	0.97%	0.101%
34	17.522	2467	2471	2477	rVV3	500773	1114851	2.83%	0.296%
35	17.575	2477	2480	2483	rVV2	296247	407379	1.03%	0.108%
36	17.616	2483	2487	2491	rVB	483014	643807	1.63%	0.171%

LSC Area Percent Report

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Operator : CG/JU
Sample : P3329-12
Misc :
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Instrument :
BNA_P
ClientSampleId :
F7E20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	18.010	2546	2554	2557	rBV3	601535	1124486	2.85%	0.298%
38	18.180	2578	2583	2589	rVB3	378619	663938	1.69%	0.176%
39	18.298	2599	2603	2607	rBV3	302976	430979	1.09%	0.114%
40	18.504	2633	2638	2647	rVB2	292422	615527	1.56%	0.163%
41	18.580	2647	2651	2658	rVB2	322115	483325	1.23%	0.128%
42	18.733	2673	2677	2679	rBV2	252618	343239	0.87%	0.091%
43	18.857	2693	2698	2702	rBV3	716047	1095181	2.78%	0.291%
44	18.939	2707	2712	2717	rBV	991360	1690803	4.29%	0.449%
45	18.992	2717	2721	2726	rVV2	1206575	1979310	5.03%	0.525%
46	19.033	2726	2728	2733	rVB2	500236	592516	1.50%	0.157%
47	19.110	2733	2741	2746	rBV	3363808	5279809	13.40%	1.401%
48	19.222	2751	2760	2764	rBV	16479528	23043922	58.51%	6.114%
49	19.263	2764	2767	2769	rVV	727281	1050021	2.67%	0.279%
50	19.333	2773	2779	2783	rVB4	458890	951528	2.42%	0.252%
51	19.380	2783	2787	2792	rBV2	502991	659805	1.68%	0.175%
52	19.469	2796	2802	2806	rBV3	1089331	1743264	4.43%	0.463%
53	19.610	2814	2826	2832	rBV	22253032	39387574	100.00%	10.450%
54	19.675	2832	2837	2843	rVB	1079816	1750060	4.44%	0.464%
55	19.786	2848	2856	2862	rVB	1107164	2185536	5.55%	0.580%
56	19.857	2862	2868	2875	rBV3	442563	896881	2.28%	0.238%
57	19.951	2875	2884	2885	rBV3	2527331	5183422	13.16%	1.375%
58	19.974	2885	2888	2892	rVV	4496789	5933077	15.06%	1.574%
59	20.022	2892	2896	2899	rVV3	607502	961003	2.44%	0.255%
60	20.092	2900	2908	2916	rVB4	2619474	8053533	20.45%	2.137%
61	20.280	2933	2940	2951	rBV3	3346904	8031898	20.39%	2.131%
62	20.369	2951	2955	2957	rBV2	600262	816619	2.07%	0.217%
63	20.404	2957	2961	2969	rVV2	10482413	18434389	46.80%	4.891%
64	20.474	2969	2973	2985	rVB2	2425545	4456495	11.31%	1.182%
65	20.580	2986	2991	2998	rBV3	1628455	3102667	7.88%	0.823%
66	20.651	2998	3003	3007	rBV4	1649142	2677591	6.80%	0.710%
67	20.774	3022	3024	3027	rVB	582975	567664	1.44%	0.151%
68	20.810	3027	3030	3036	rVB4	419449	593322	1.51%	0.157%
69	20.916	3043	3048	3058	rBV	3334101	6429378	16.32%	1.706%
70	20.998	3059	3062	3070	rVB2	934139	1620022	4.11%	0.430%
71	21.104	3075	3080	3083	rVV2	4536491	7291390	18.51%	1.935%
72	21.145	3083	3087	3091	rVV2	5655830	11852045	30.09%	3.145%
73	21.186	3091	3094	3104	rVV2	3767006	7306517	18.55%	1.939%
74	21.274	3104	3109	3118	rVB	3726569	5730319	14.55%	1.520%
75	21.386	3124	3128	3132	rVB	779594	1065709	2.71%	0.283%
76	21.469	3135	3142	3145	rBV2	5714328	9242462	23.47%	2.452%

LSC Area Percent Report

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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F7E20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	21.521	3145	3151	3154	rVV	12694132	24537178	62.30%	6.510%
78	21.557	3154	3157	3158	rVV2	5224081	6732410	17.09%	1.786%
79	21.586	3158	3162	3167	rVB	11456158	17611340	44.71%	4.673%
80	21.733	3184	3187	3190	rVB4	441095	522830	1.33%	0.139%
81	21.827	3199	3203	3215	rVB6	940568	2522078	6.40%	0.669%
82	21.939	3217	3222	3228	rVB2	1020694	1695558	4.30%	0.450%
83	22.027	3235	3237	3243	rVB2	522059	859662	2.18%	0.228%
84	22.145	3253	3257	3262	rBV4	566541	1037474	2.63%	0.275%
85	22.198	3262	3266	3270	rVV3	845804	1348819	3.42%	0.358%
86	22.274	3271	3279	3286	rVV2	2783816	6066376	15.40%	1.610%
87	22.345	3287	3291	3297	rVB	1165049	2156418	5.47%	0.572%
88	22.563	3323	3328	3339	rBV3	1016807	2744373	6.97%	0.728%
89	23.021	3401	3406	3421	rVB2	872326	2558642	6.50%	0.679%
90	23.339	3453	3460	3466	rBV2	1053626	2393088	6.08%	0.635%
91	23.421	3468	3474	3481	rVB3	1254182	2856083	7.25%	0.758%
92	23.627	3507	3509	3517	rVB	528693	974090	2.47%	0.258%
93	23.810	3528	3540	3546	rBV	10334132	35700958	90.64%	9.472%
94	23.963	3563	3566	3572	rVB	560926	1020914	2.59%	0.271%
95	24.057	3575	3582	3591	rBV	1346457	3172584	8.05%	0.842%
96	24.533	3656	3663	3671	rVB	2280909	5520001	14.01%	1.465%
97	24.686	3680	3689	3698	rVB	3702732	9565724	24.29%	2.538%
98	24.821	3706	3712	3720	rBV	957477	2514537	6.38%	0.667%
99	27.951	4238	4244	4255	rVB3	475070	1423527	3.61%	0.378%
100	28.592	4341	4353	4355	rBV2	2215038	6082027	15.44%	1.614%

Sum of corrected areas: 376910326

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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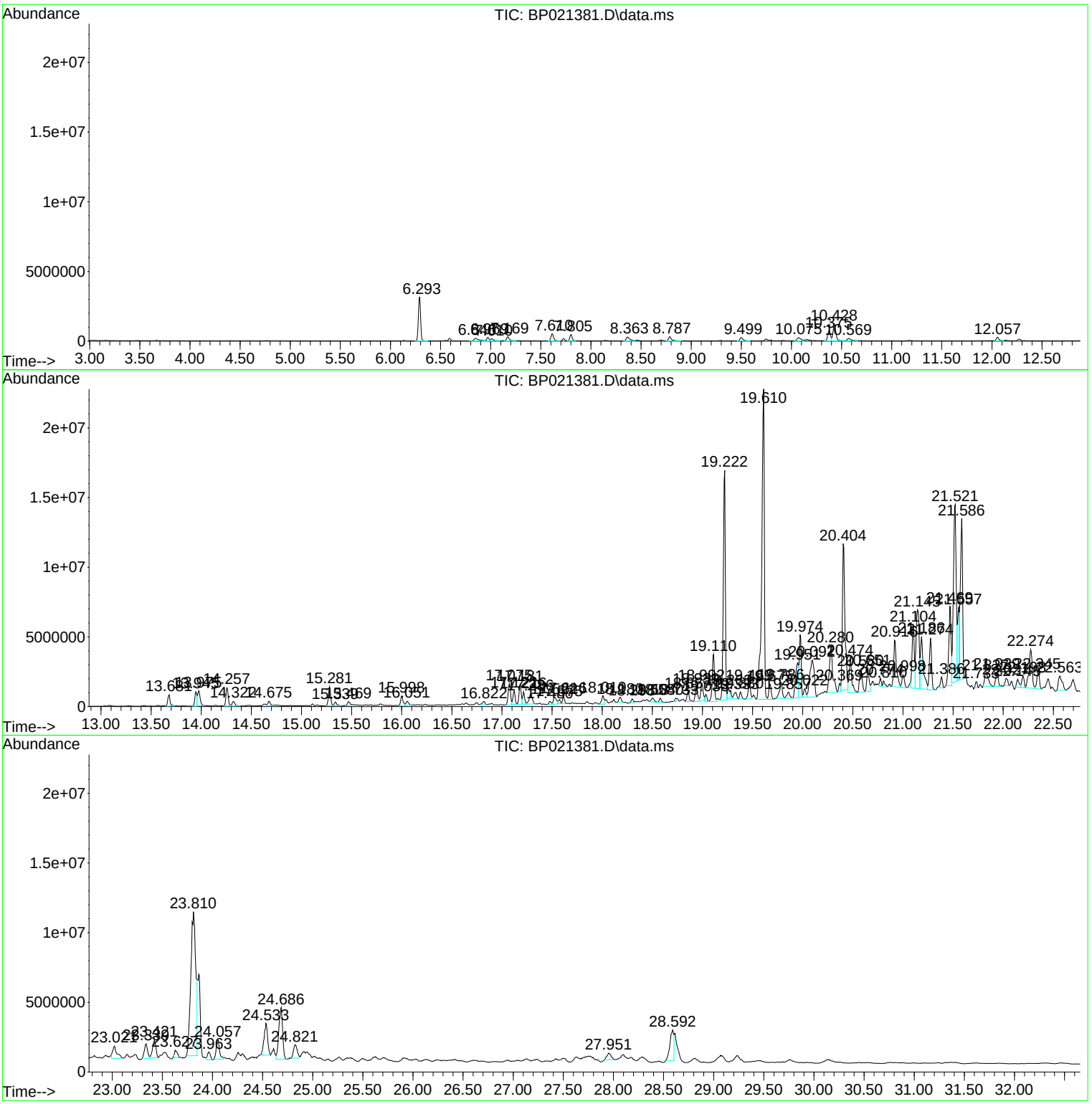
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

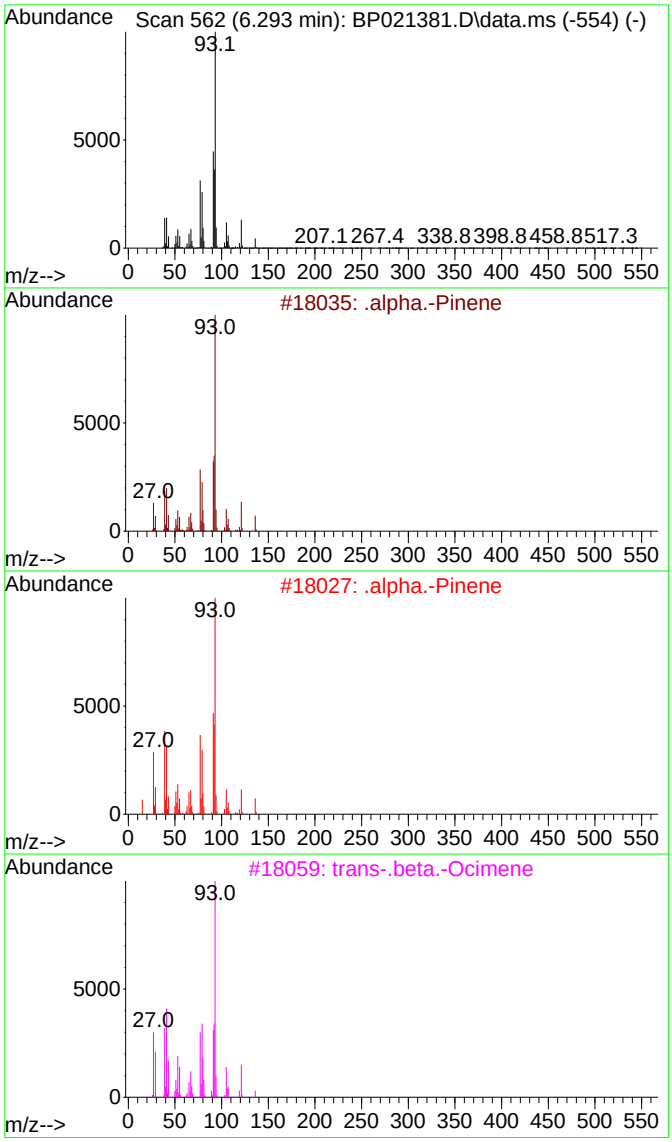
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

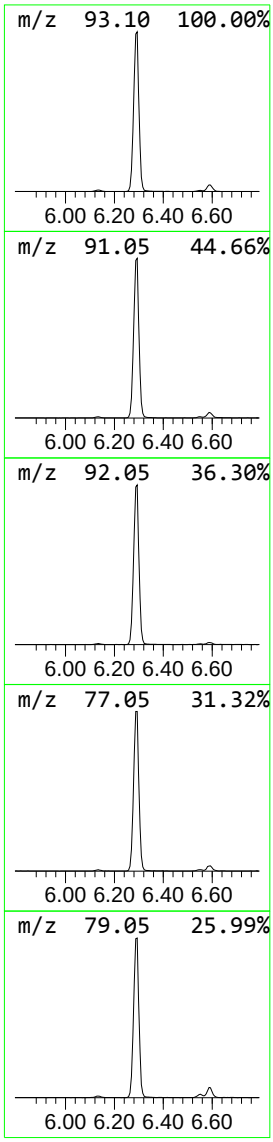
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.293	100.80 ng/ul	4817250	1,4-Dichlorobenzene-d4	7.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

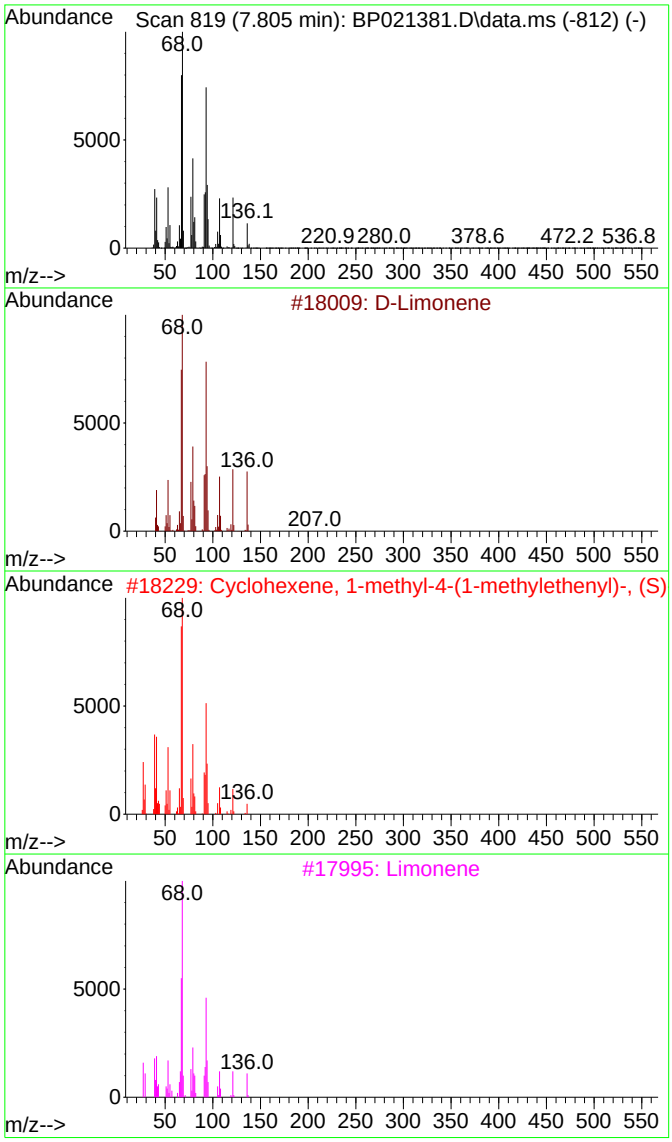
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

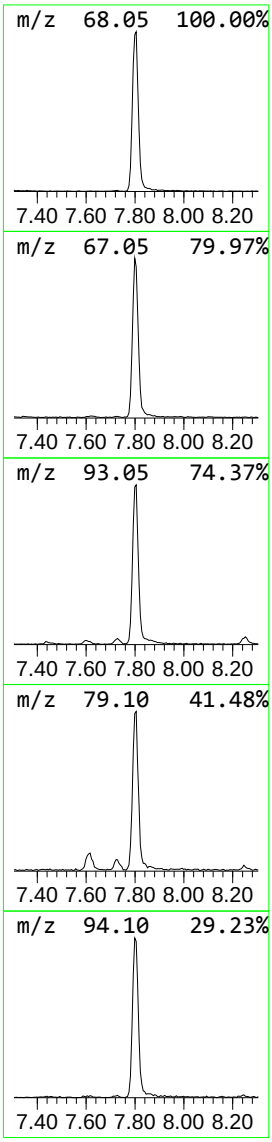
****

Peak Number 2 D-Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.805	15.46 ng/ul	739011	1,4-Dichlorobenzene-d4	7.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

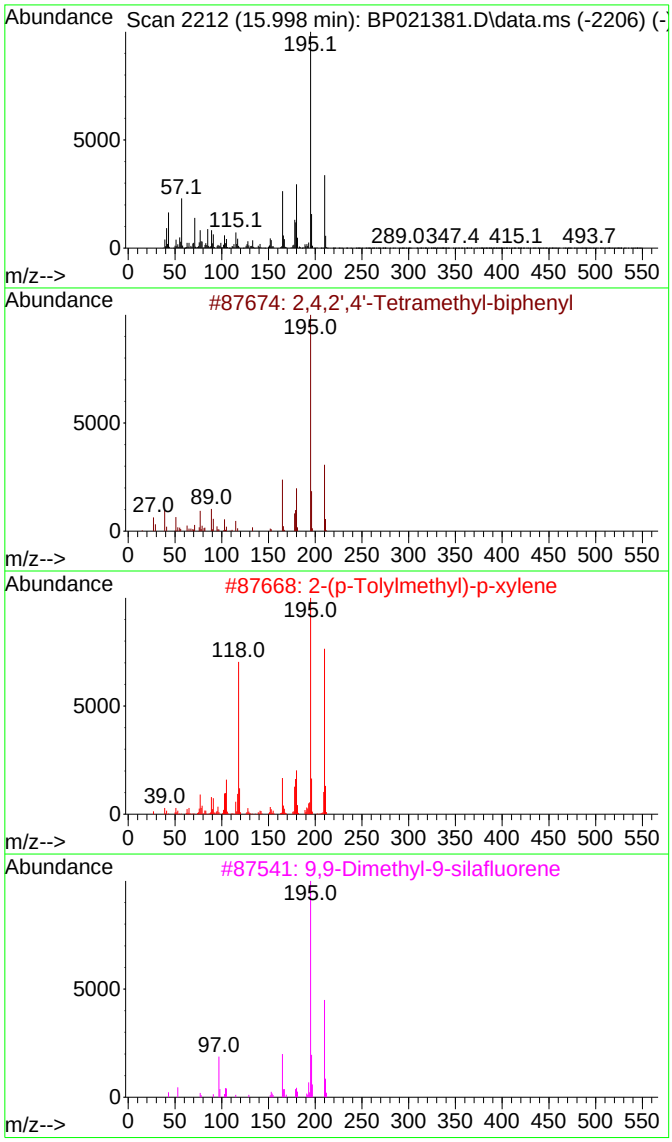
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

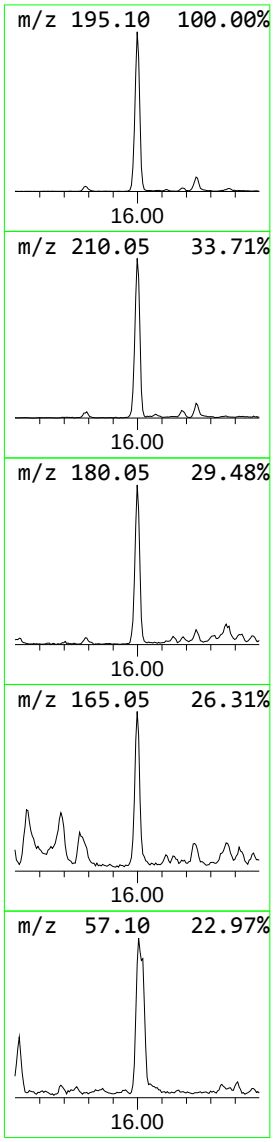
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	9.18 ng/ul	1167890	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	93
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	86
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	74
4	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	64
5	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

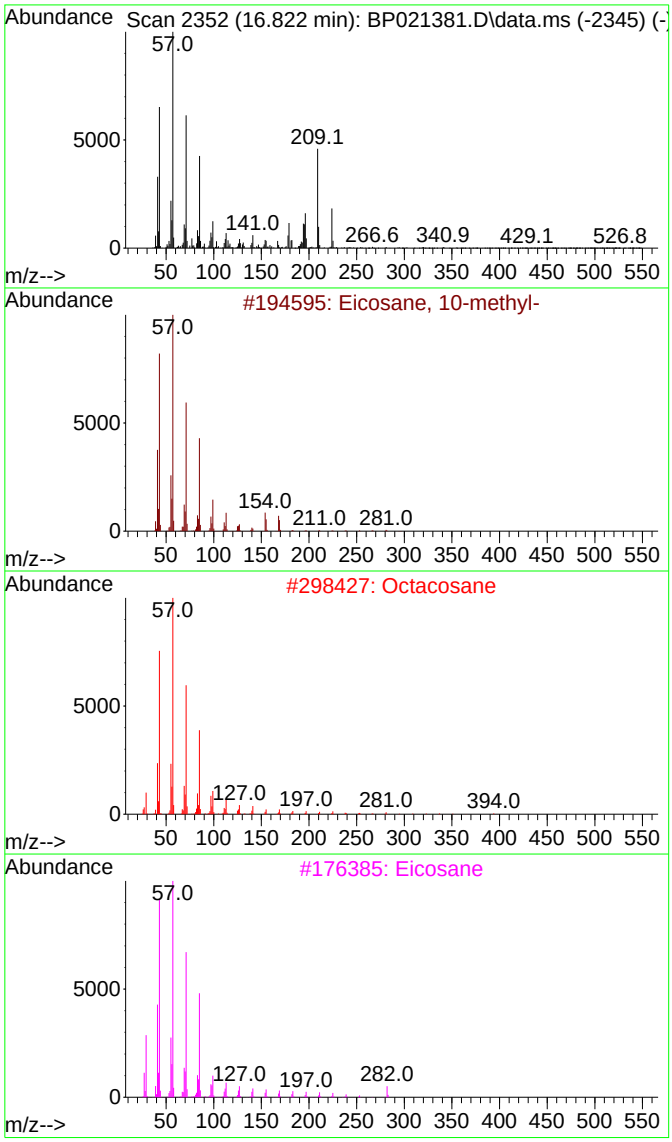
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

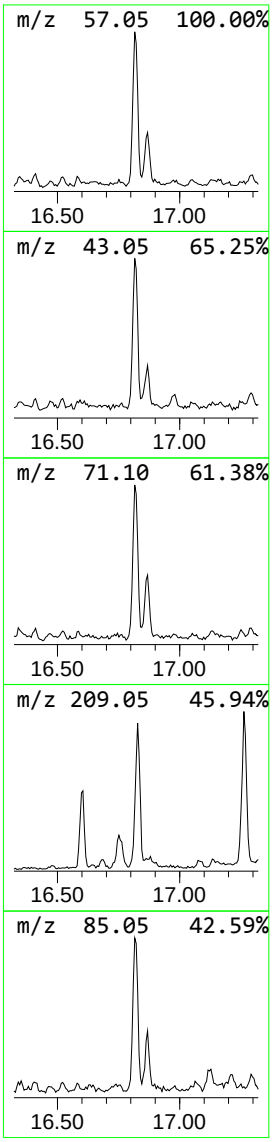
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	3.55 ng/ul	451925	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
2	Octacosane	394	C28H58	000630-02-4	46
3	Eicosane	282	C20H42	000112-95-8	46
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	41
5	Nonadecane	268	C19H40	000629-92-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

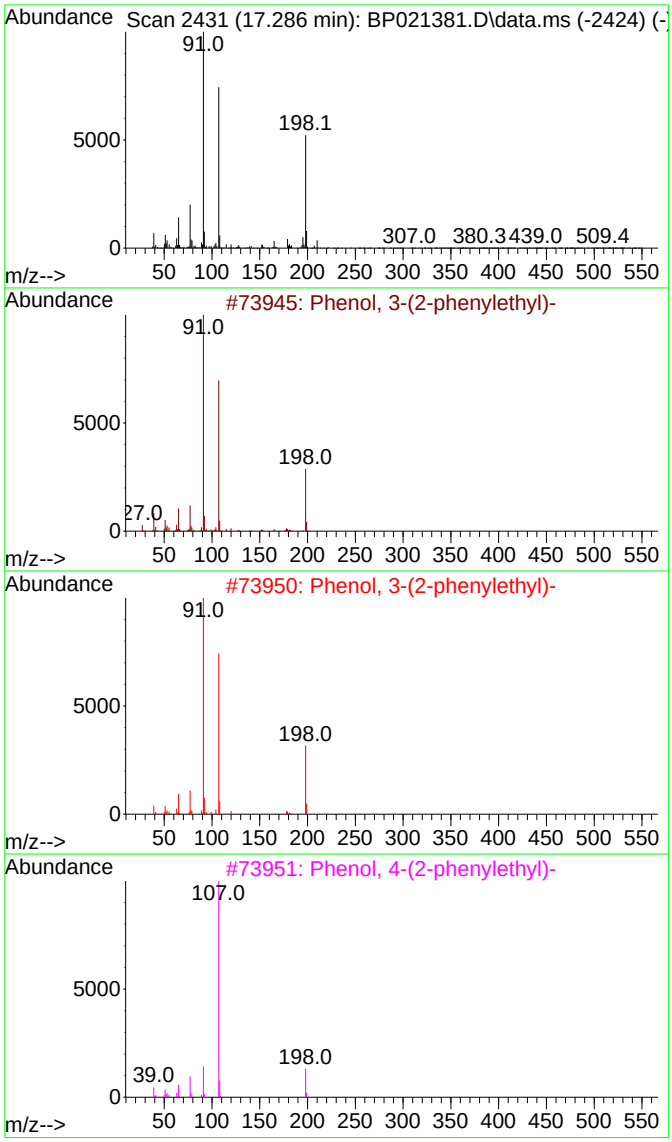
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

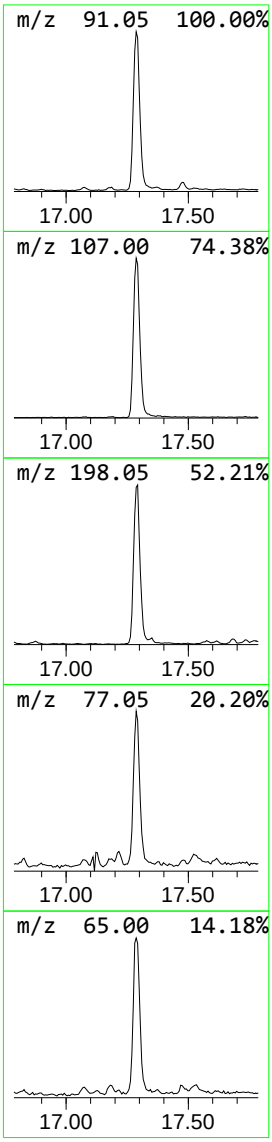
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 3-(2-phenylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	12.92 ng/ul	1643830	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	87
3	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	53
4	Benzyl mandelate	242	C15H14O3	000890-98-2	43
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	43





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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

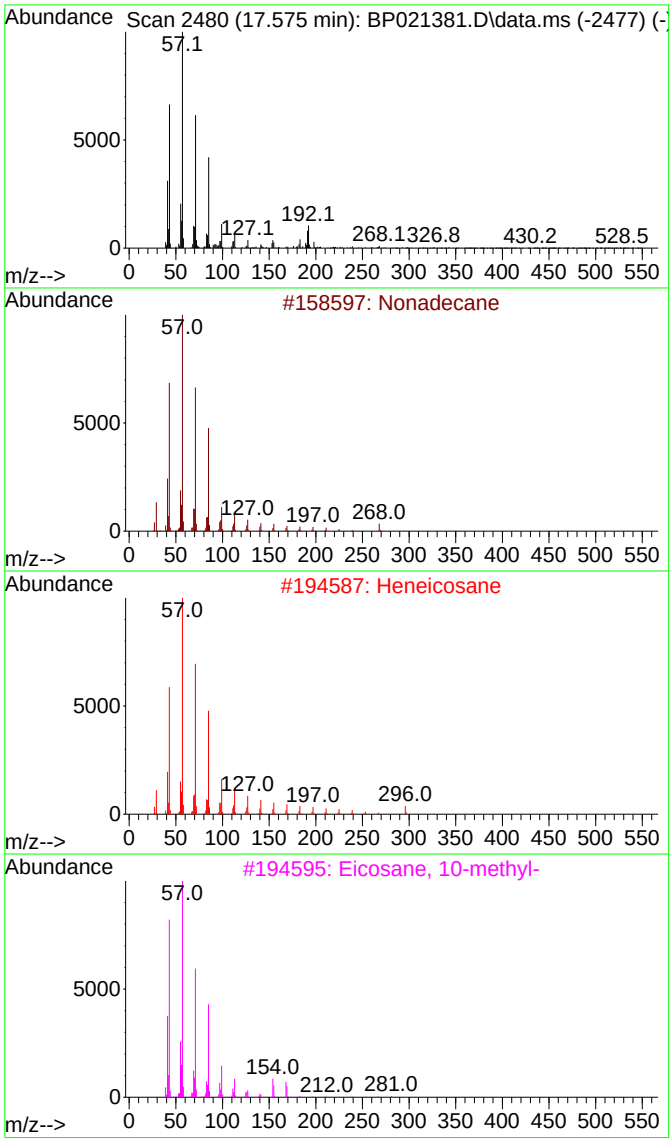
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

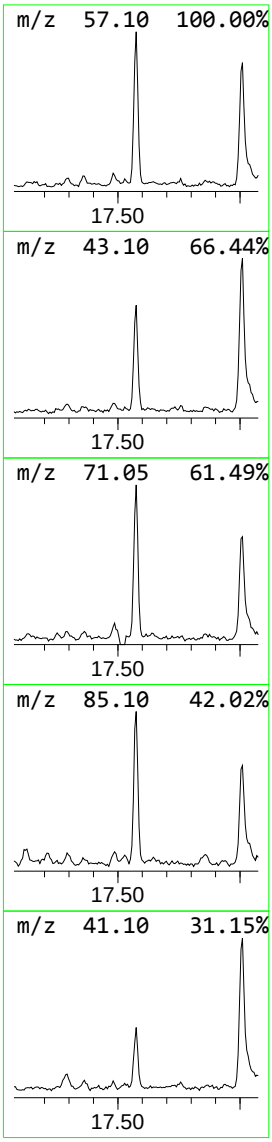
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.575	3.20 ng/ul	407379	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

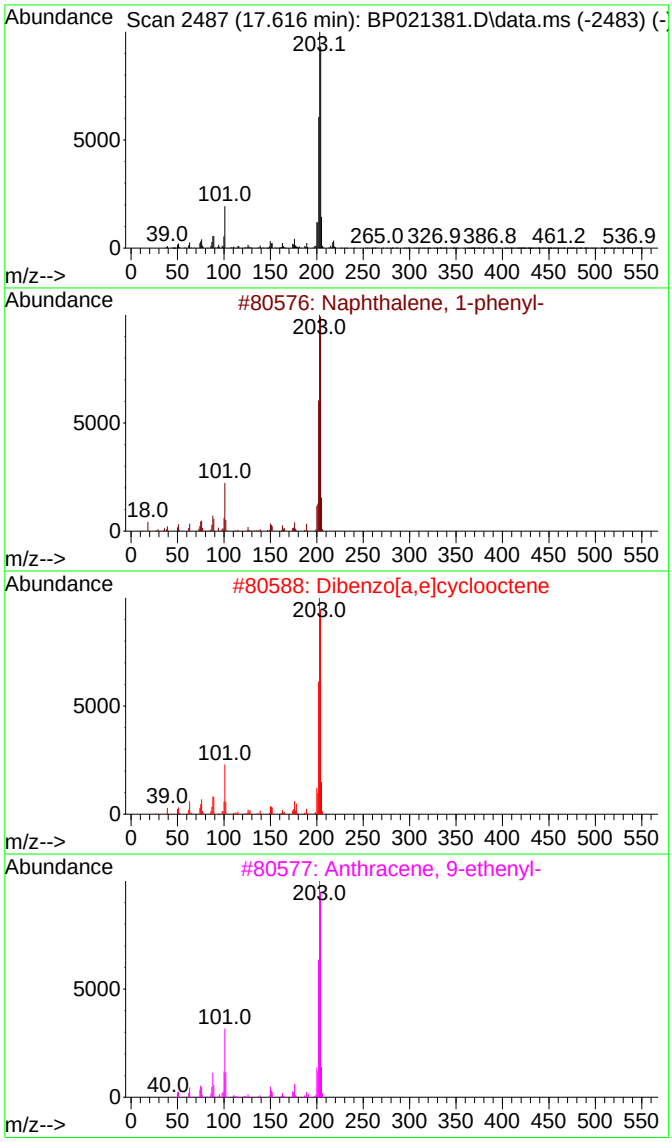
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

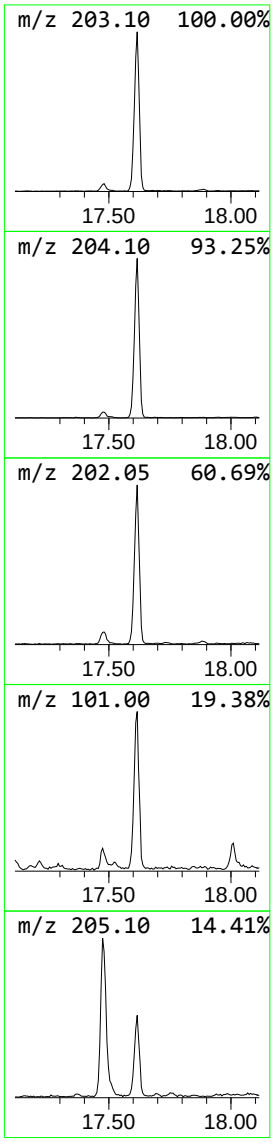
****

Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.616	5.06 ng/ul	643807	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

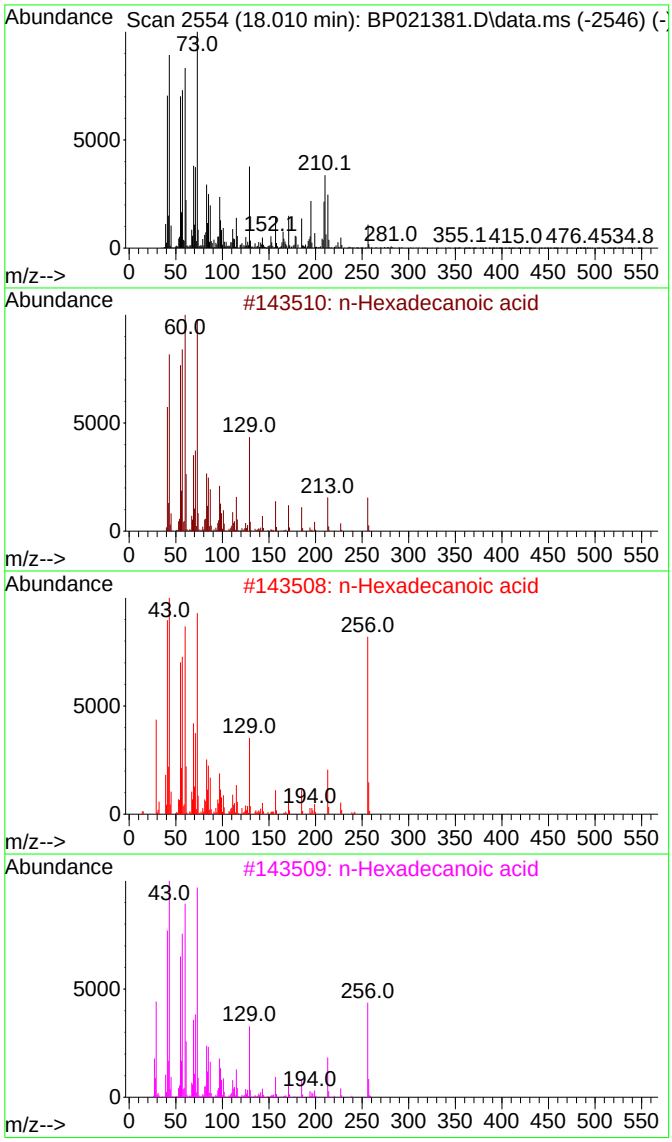
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

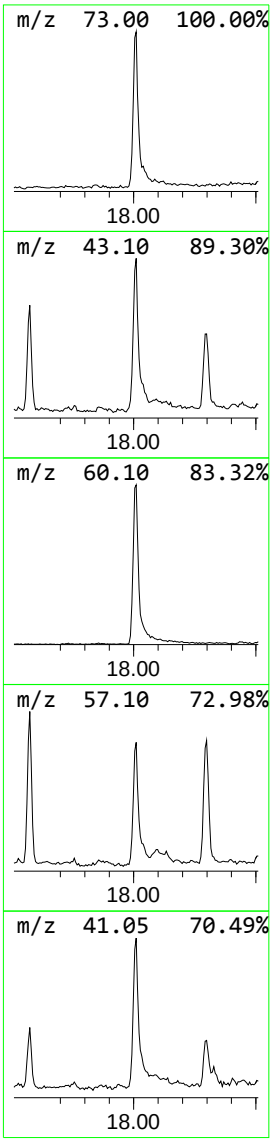
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	8.84 ng/ul	1124490	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

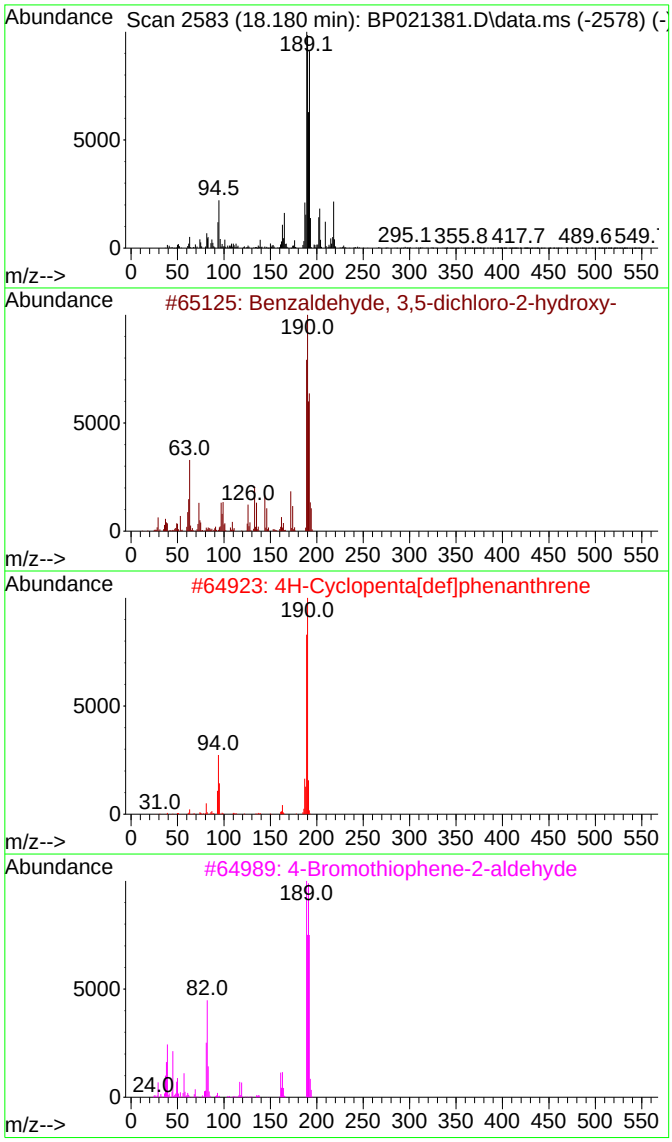
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

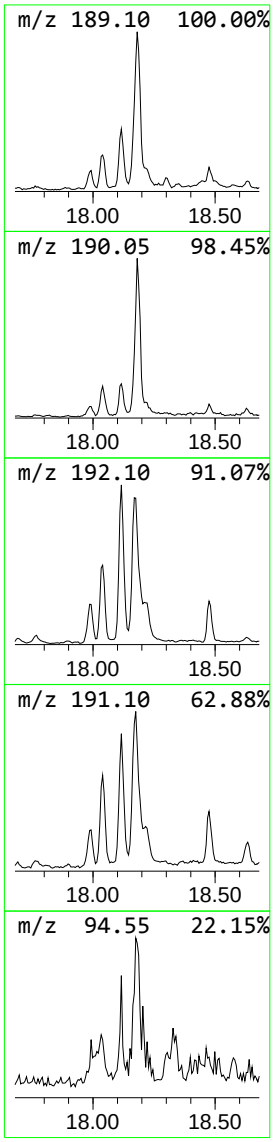
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	5.22 ng/ul	663938	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	4.84 ng/ul	615527	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
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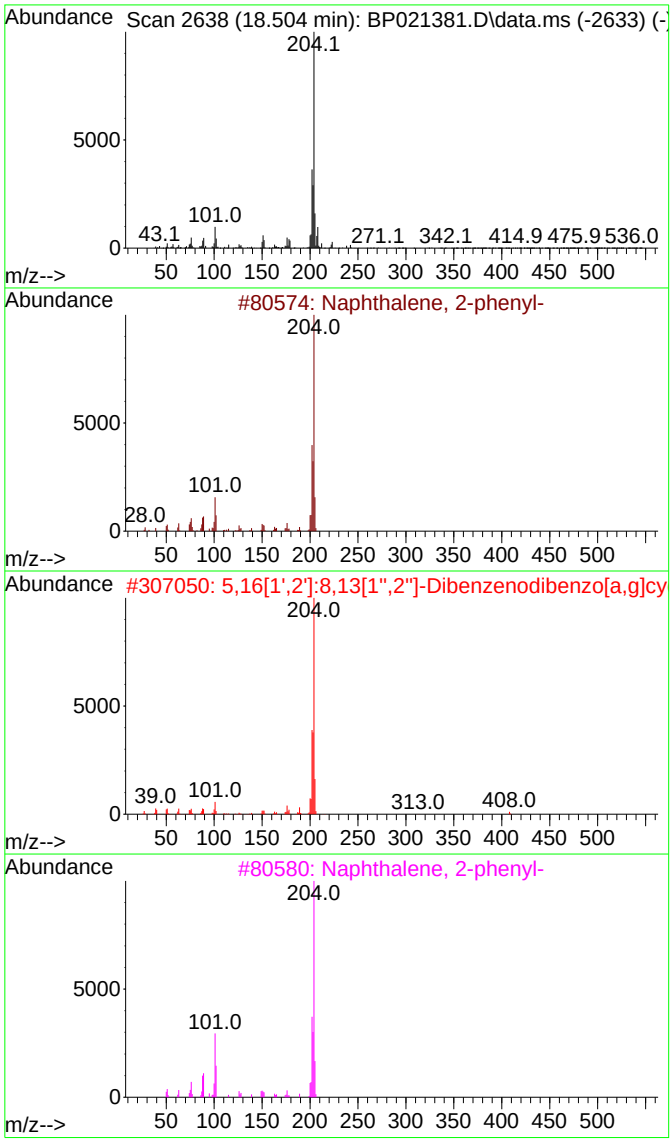

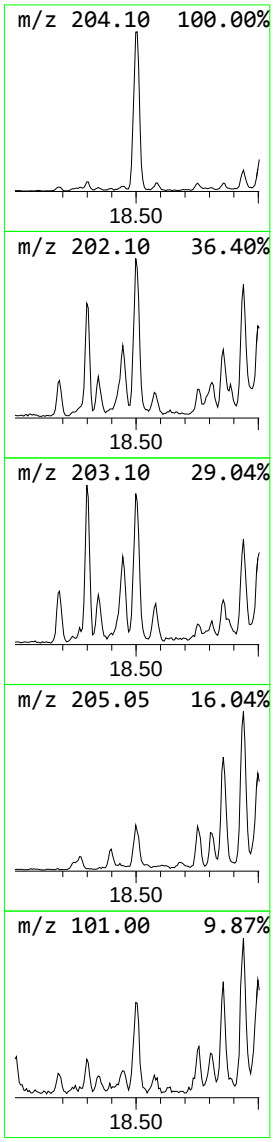

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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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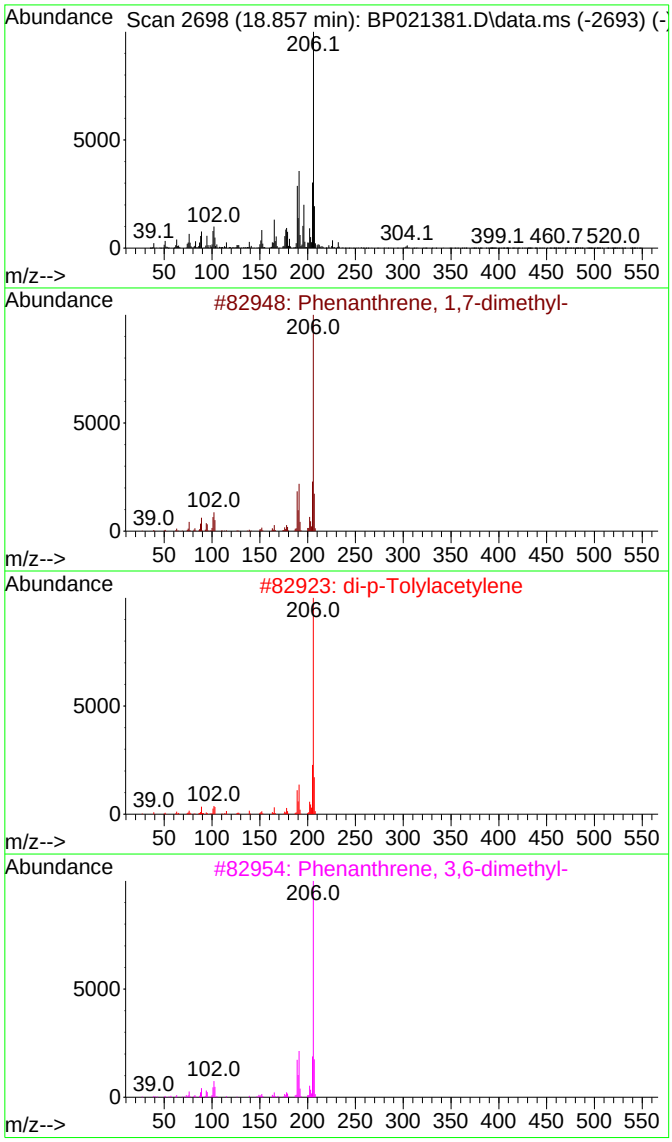
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

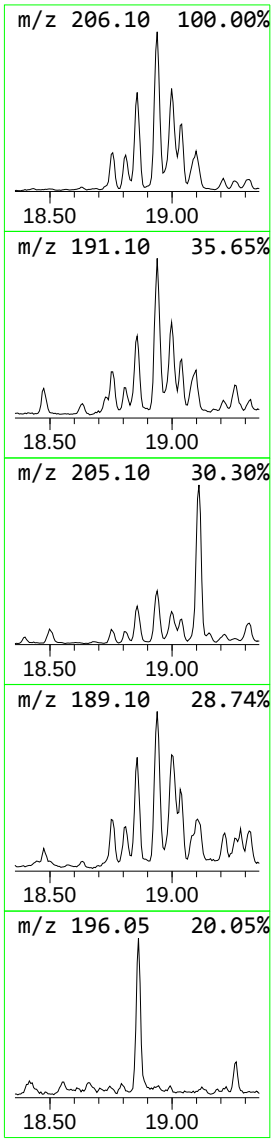
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	8.61 ng/ul	1095180	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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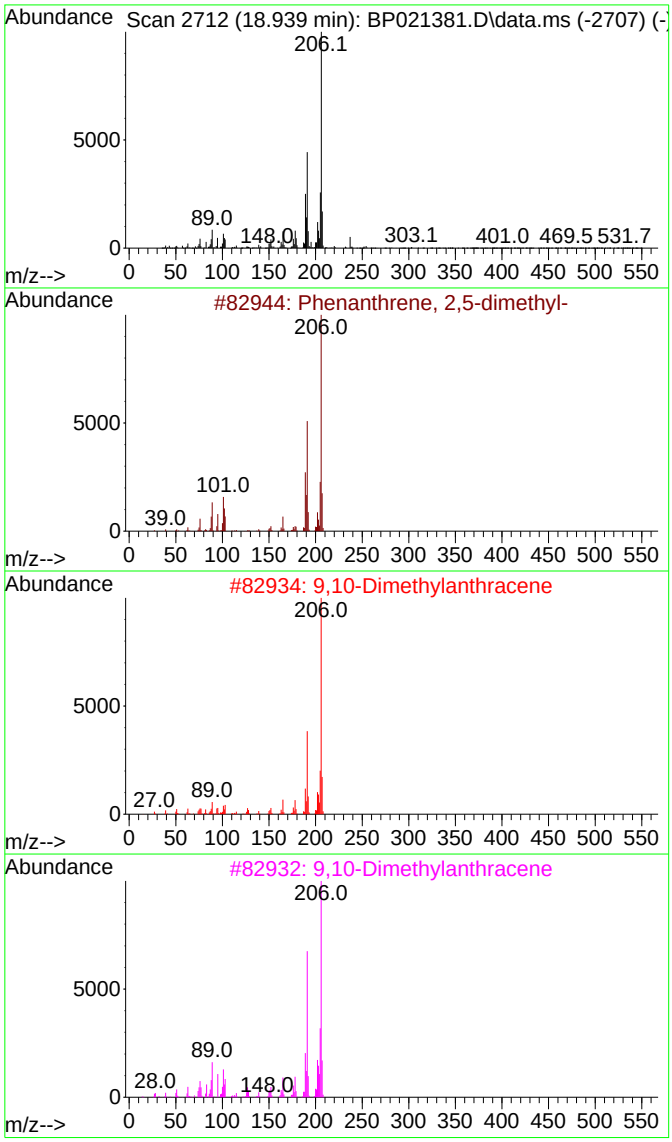
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

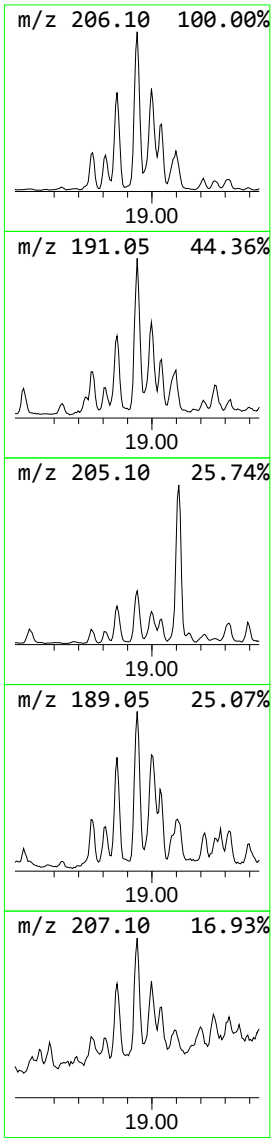
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	13.29 ng/ul	1690800	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

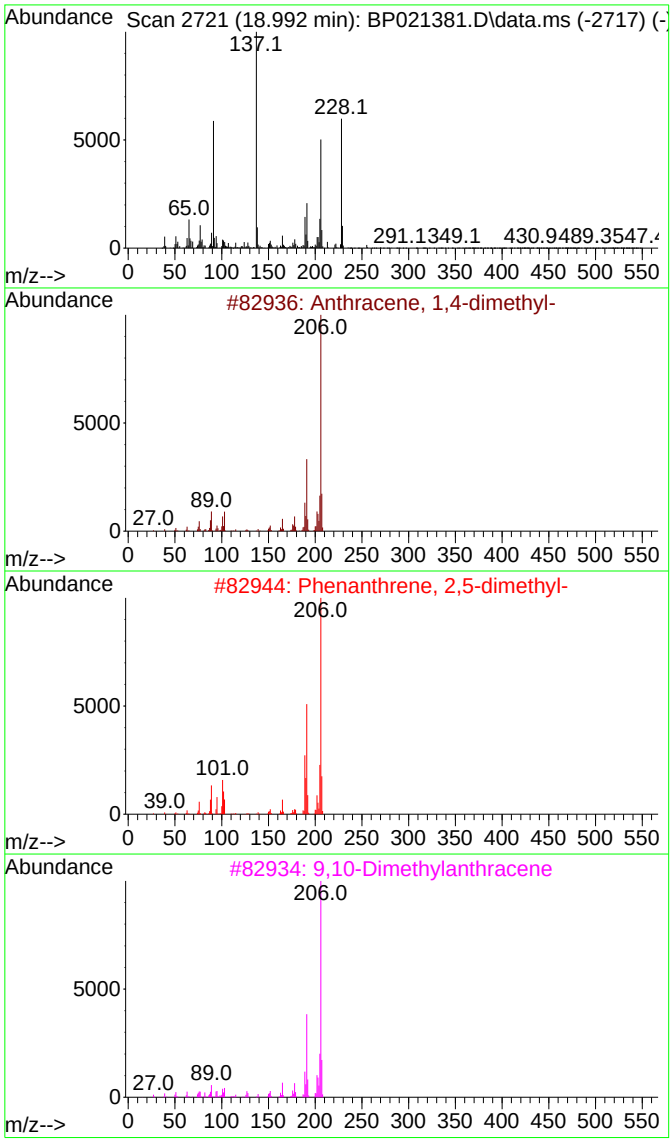
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

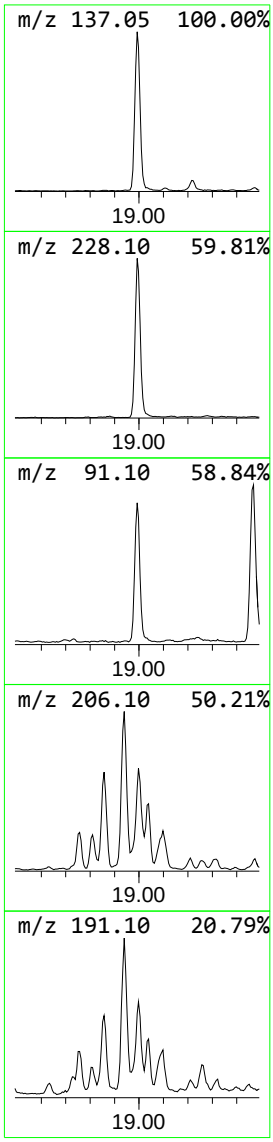
****

Peak Number 17 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	15.56 ng/ul	1979310	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	48
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	47
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	35
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	30





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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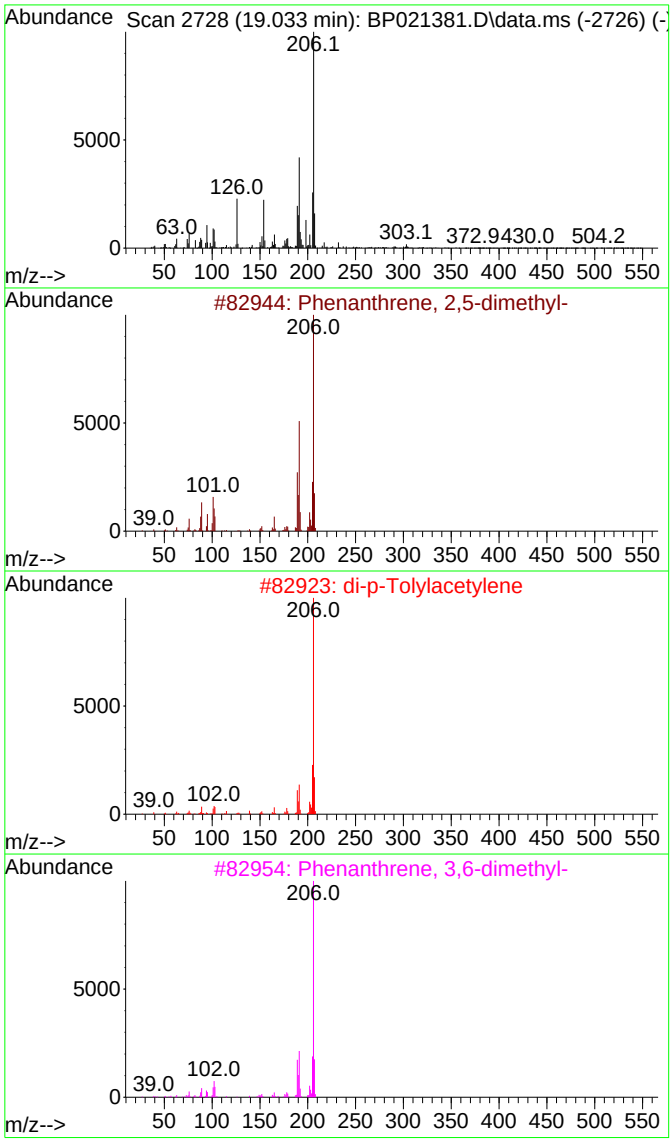
Quant Title : SVOA CALIBRATION

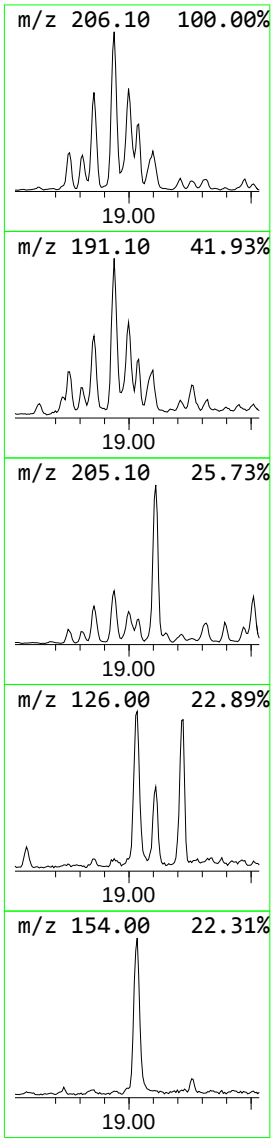
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 di-p-Tolylacetylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	4.66 ng/ul	592516	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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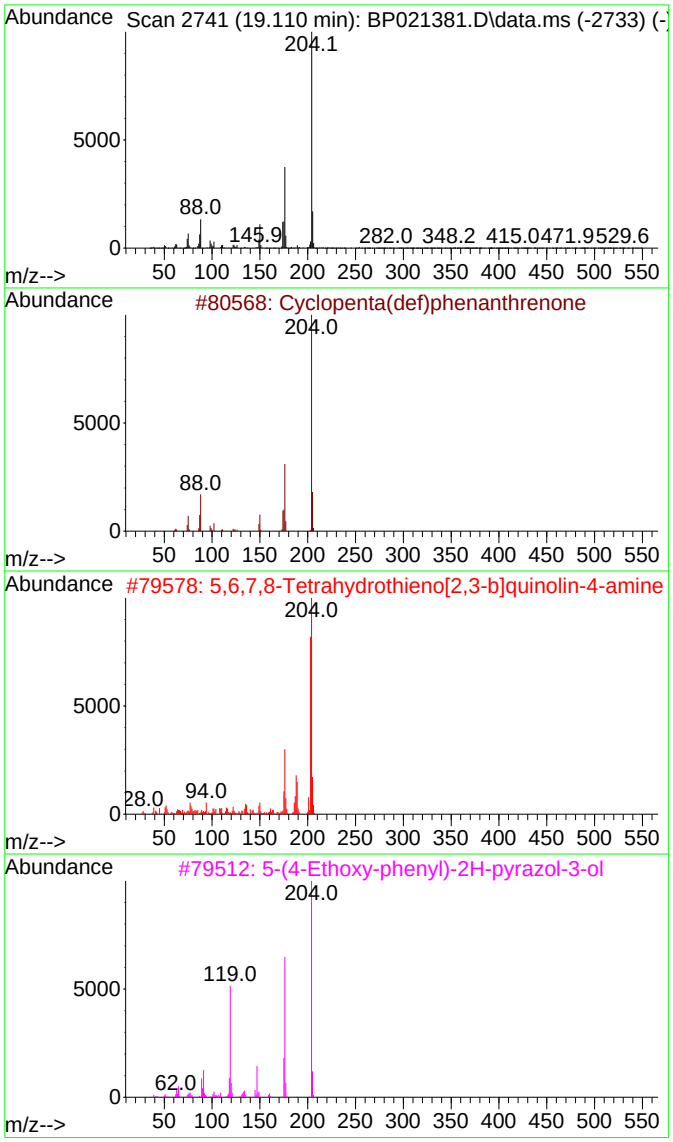
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

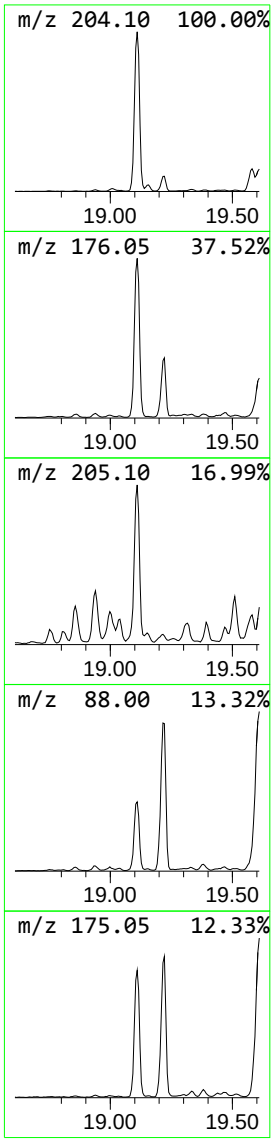
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	41.50 ng/ul	5279810	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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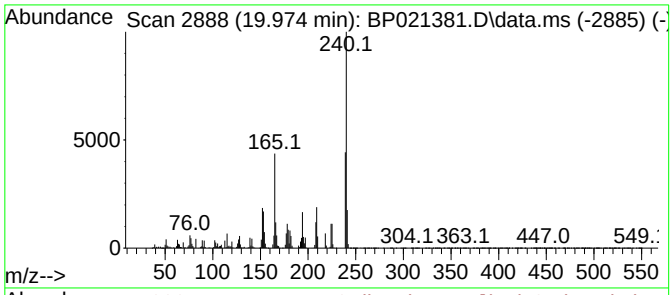
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

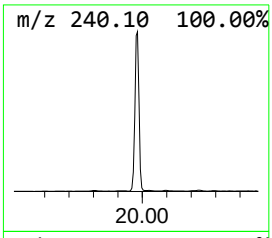
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

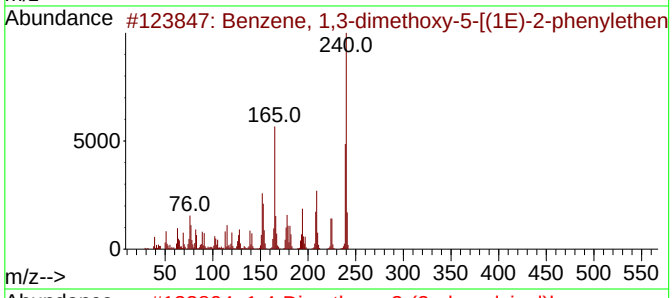
****
Peak Number 21 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 28

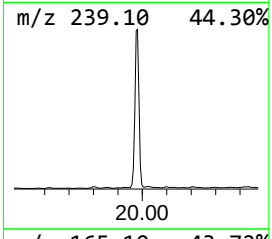
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	4.84 ng/ul	5933080	Chrysene-d12	21.533

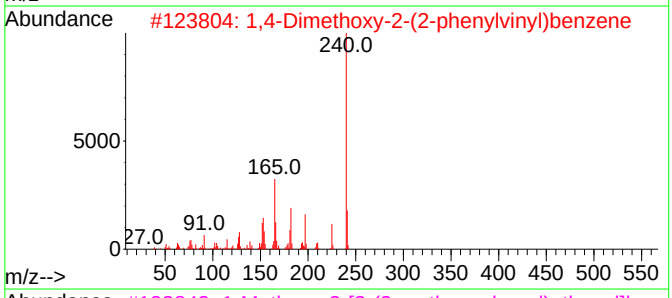
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	98
2	1,4-Dimethoxy-2-(2-phenylvinyl)b...	240	C16H16O2	021889-09-8	83
3	1-Methoxy-3-[2-(3-methoxyphenyl)...	240	C16H16O2	006325-63-9	64
4	Benzene, 1,3-dimethoxy-4-[(1E)-2...	240	C16H16O2	1000368-46-0	58
5	2-Phenyl-3-(thiophen-2-yl)cyclop...	240	C15H12OS	1000445-18-1	52

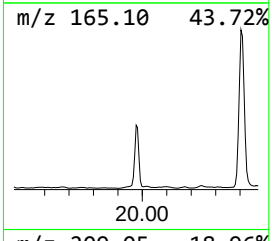


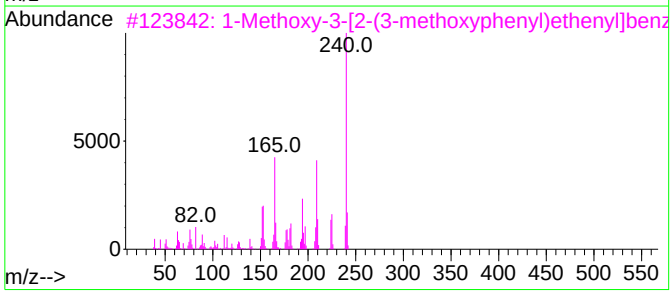


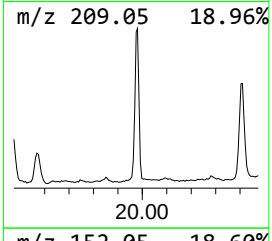


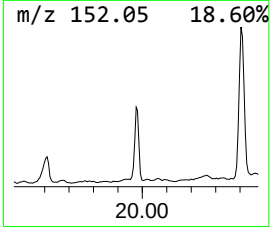












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

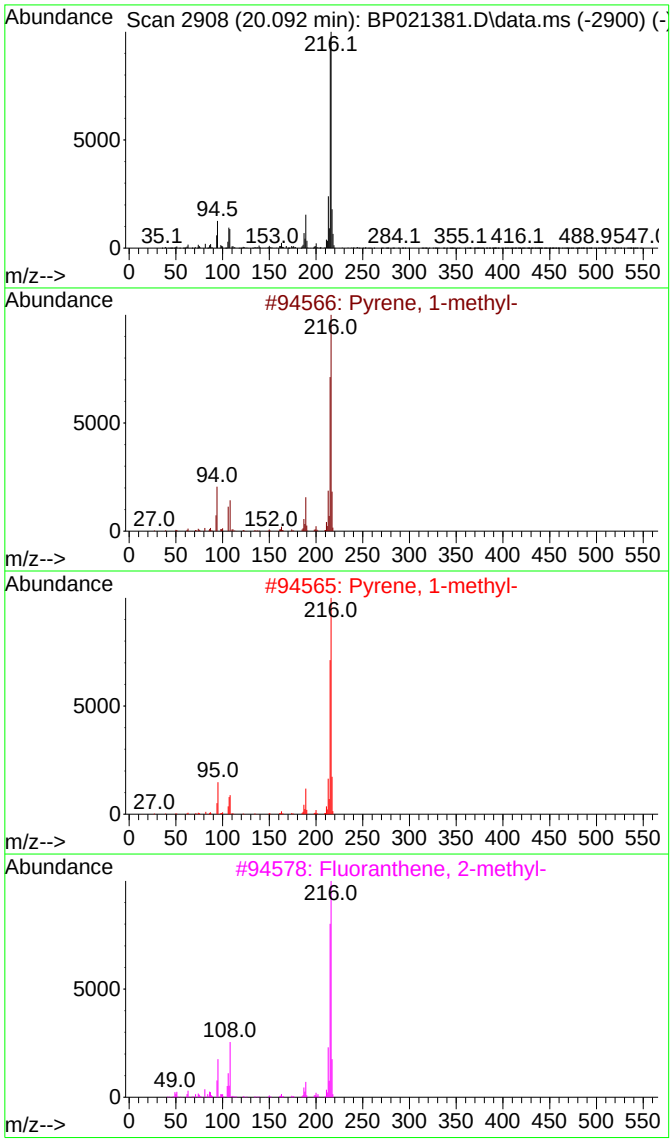
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

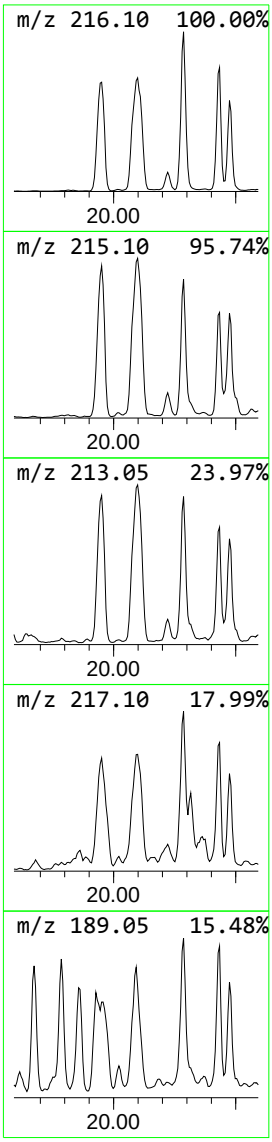
****

Peak Number 22 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.092	6.56 ng/ul	8053530	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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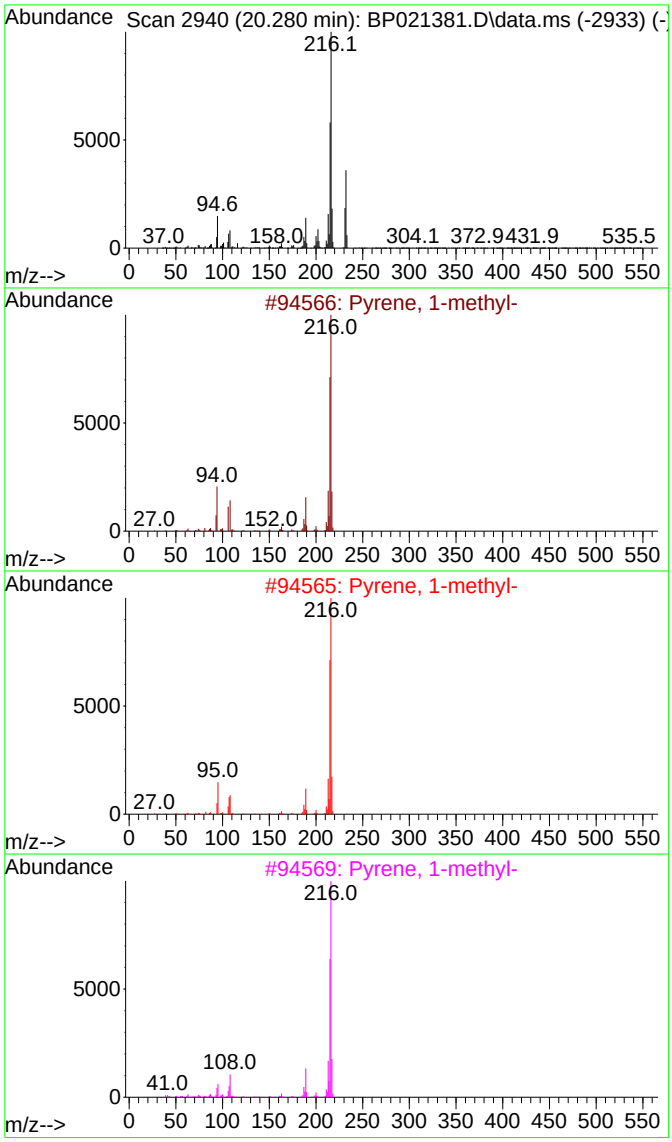
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

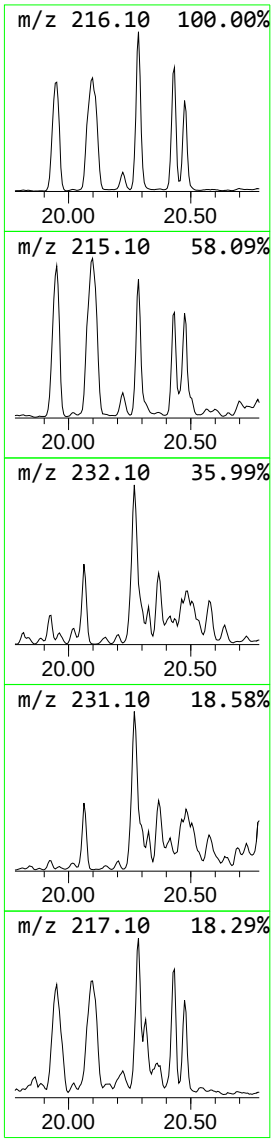
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.280	6.55 ng/ul	8031900	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

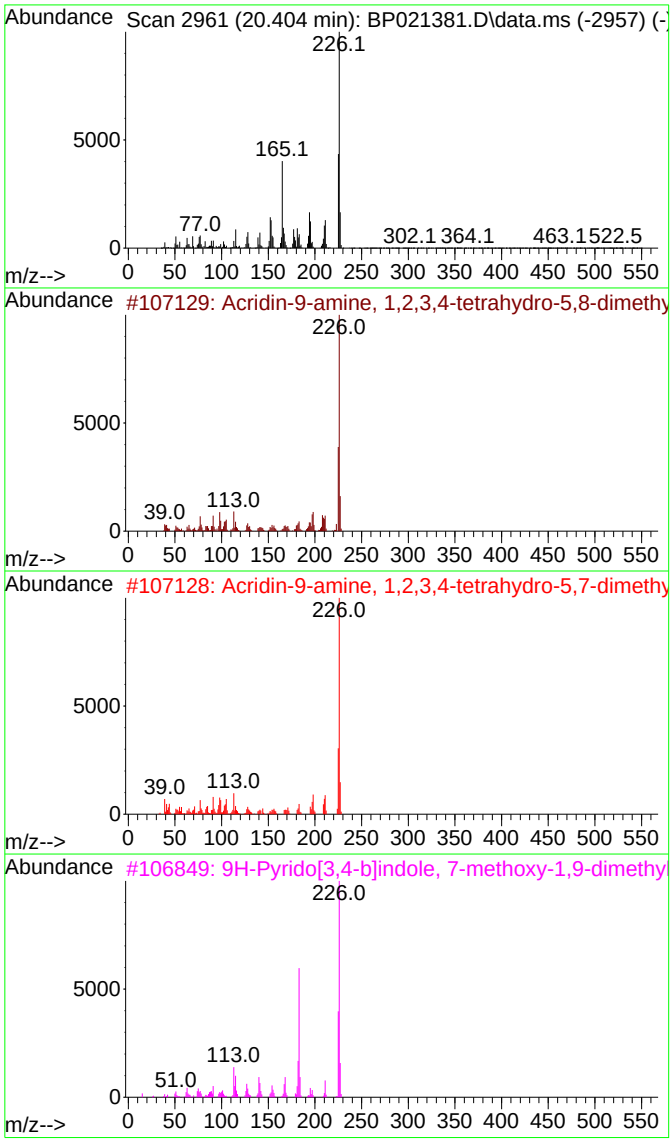
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

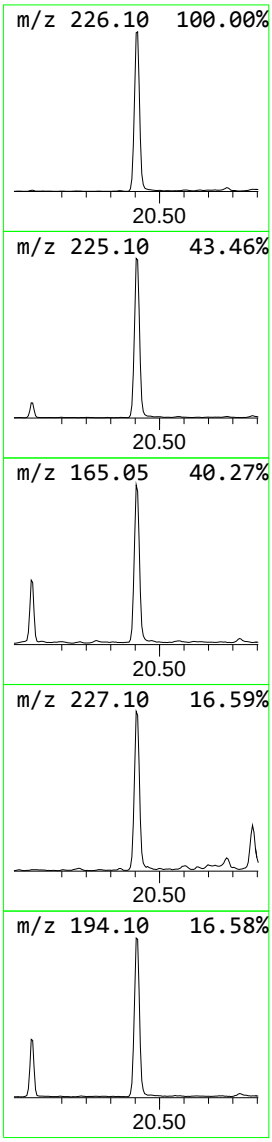
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.404	15.03 ng/ul	18434400	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	52
4	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	52
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	49





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

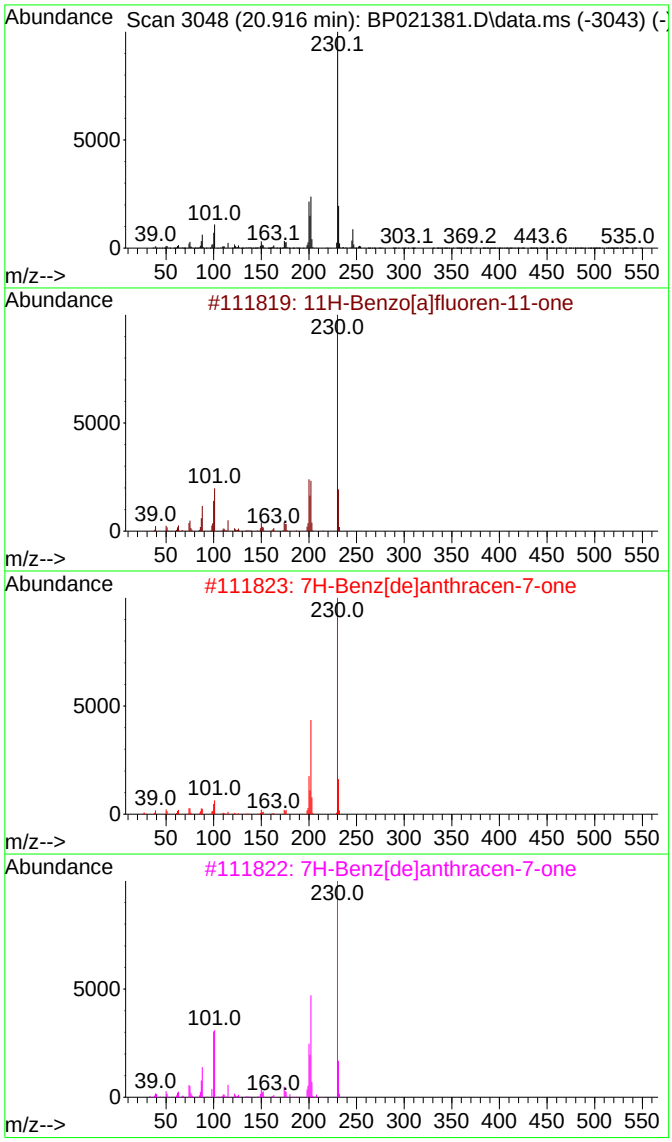
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

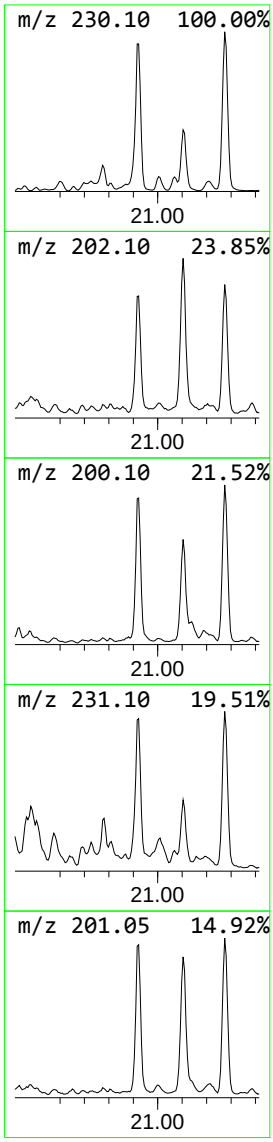
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.916	5.24 ng/ul	6429380	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

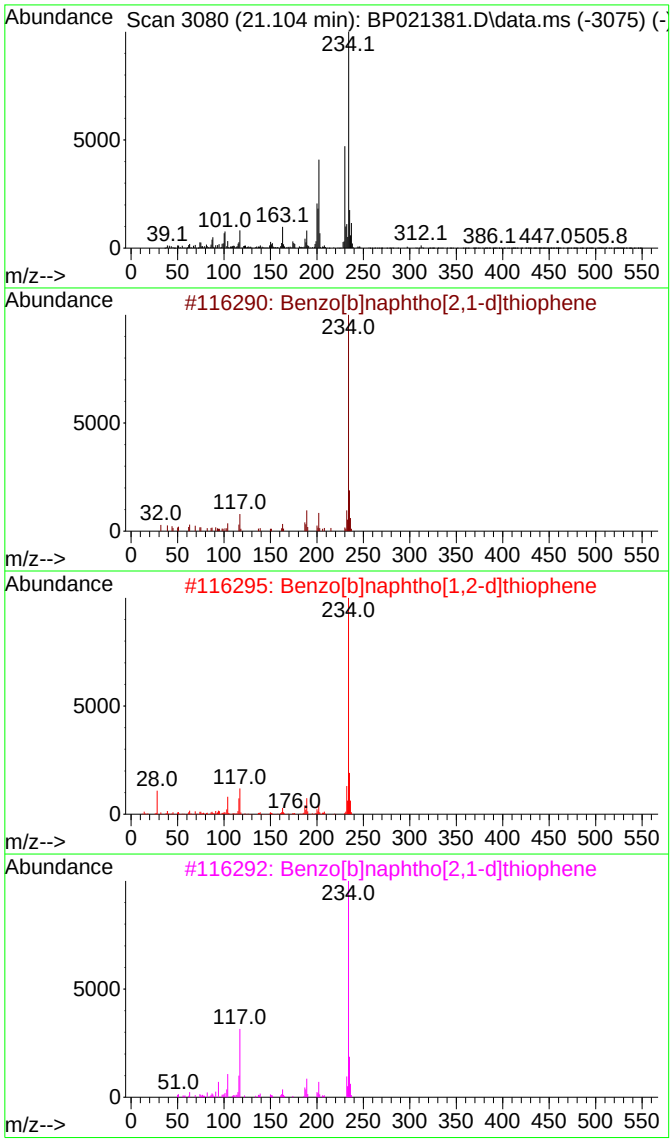
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

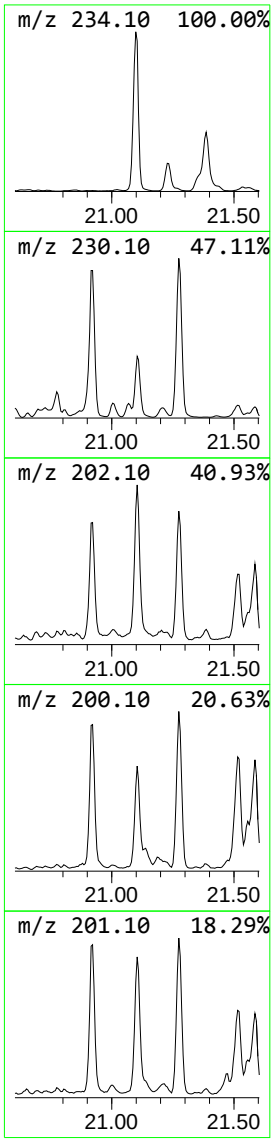
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	5.94 ng/ul	7291390	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	46
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	43
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	43
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	38





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

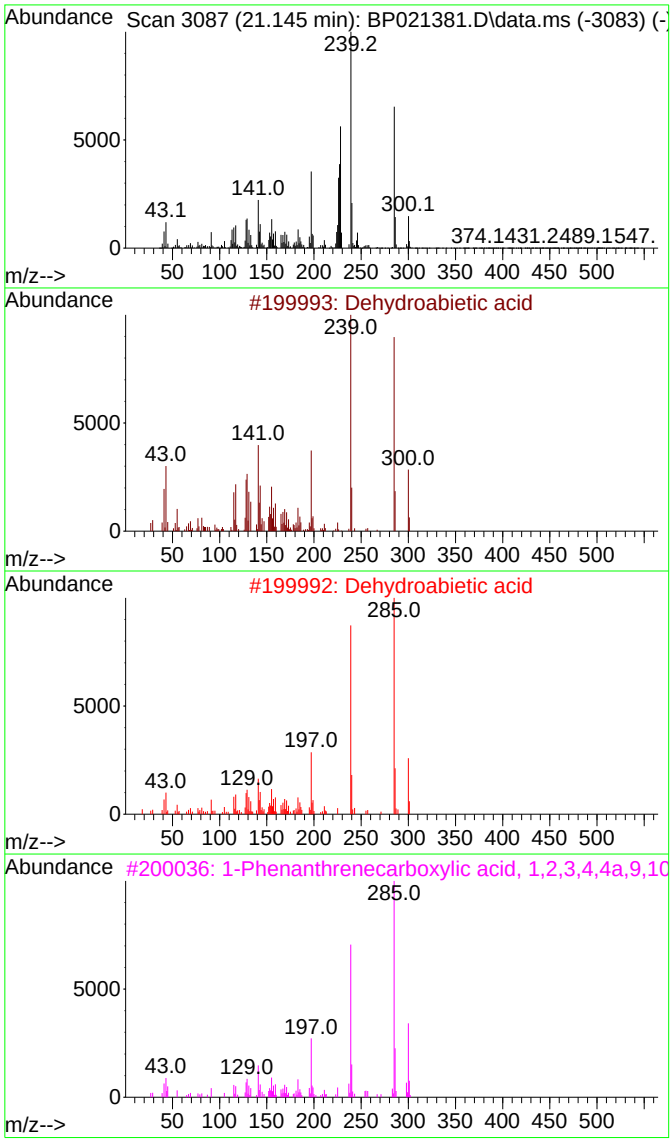
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

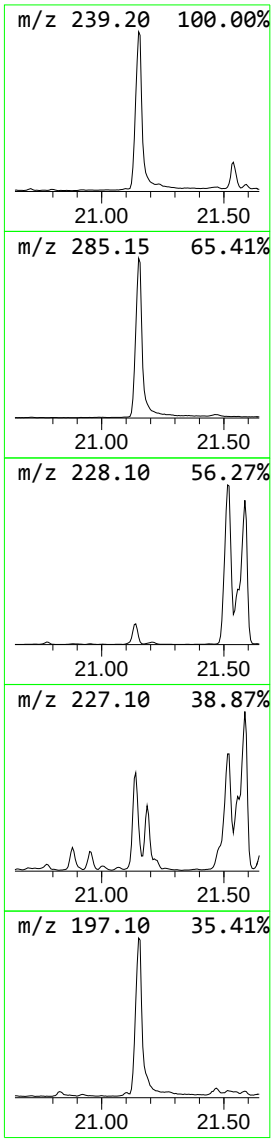
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Dehydroabietic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	9.66 ng/ul	11852000	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
4	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	64
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	64





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Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

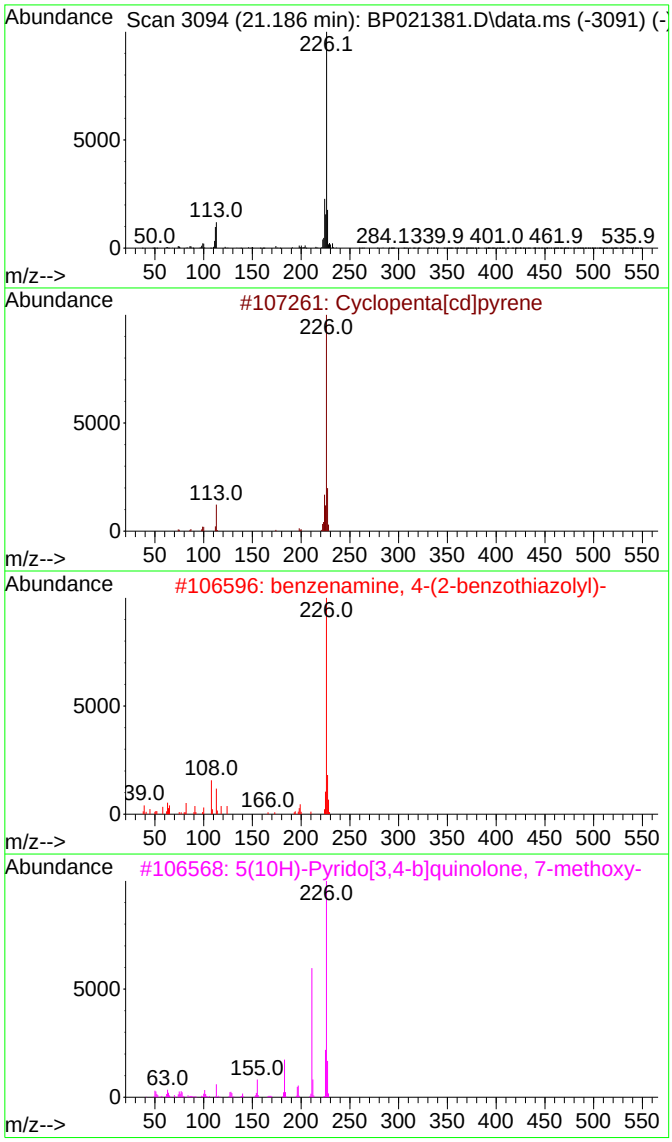
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

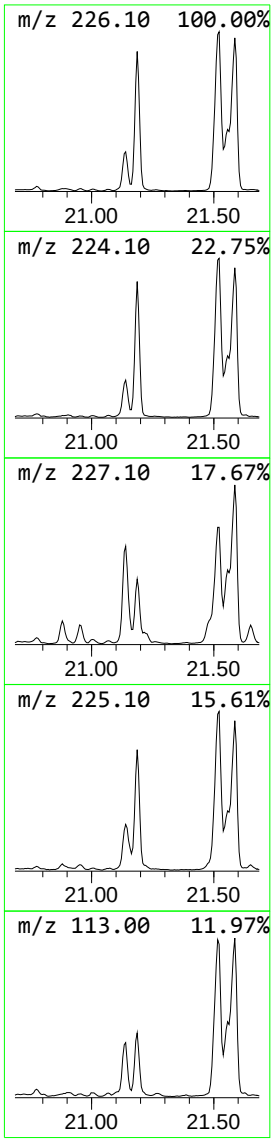
****

Peak Number 31 Cyclopenta[cd]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	5.96 ng/ul	7306520	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	90
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
4	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	50
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

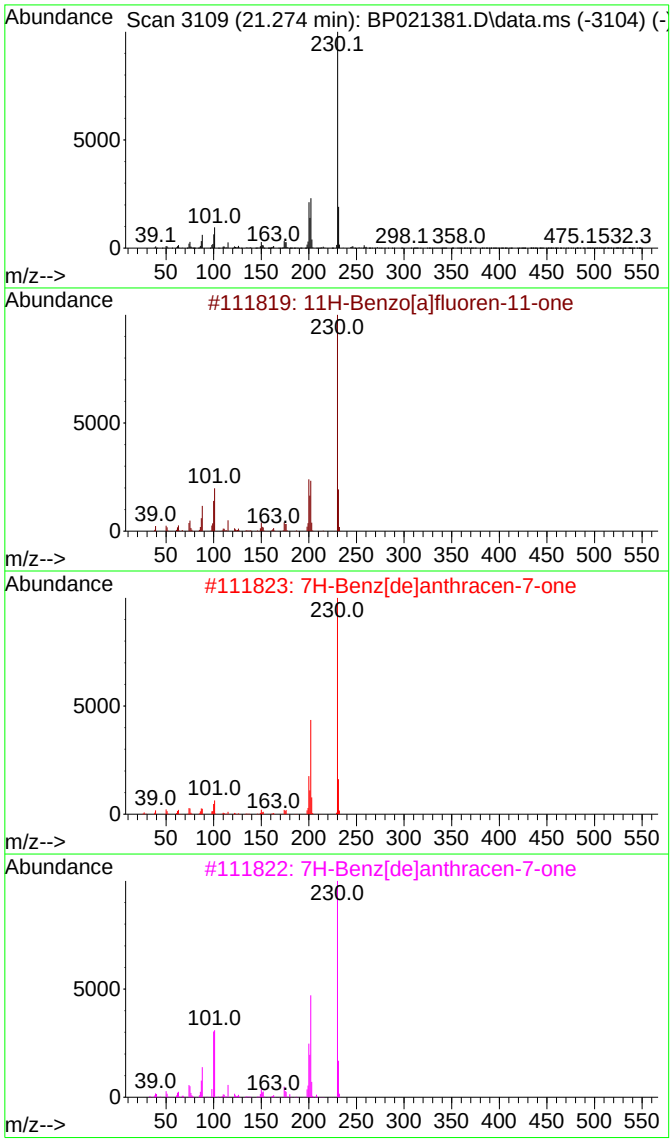
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

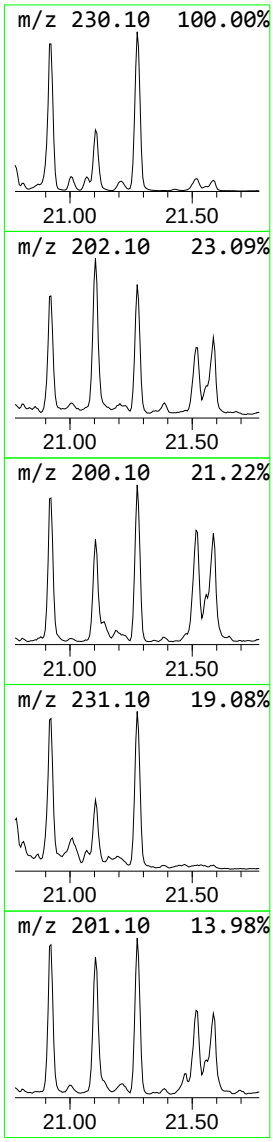
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 7H-Benz[de]anthracen-7-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	4.67 ng/ul	5730320	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

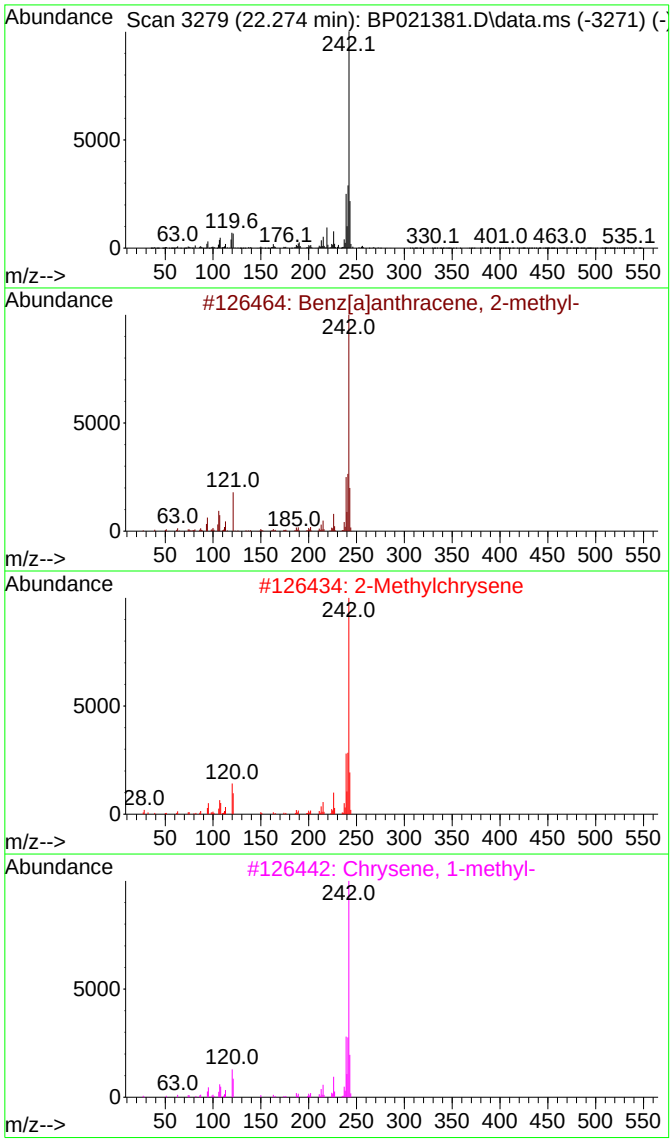
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

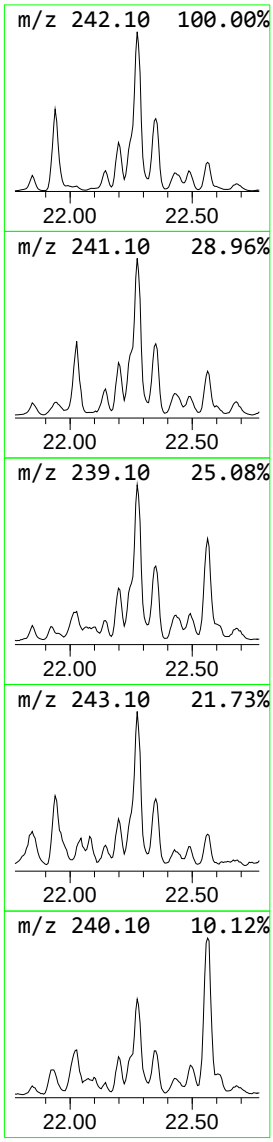
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benz[a]anthracene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.274	4.94 ng/ul	6066380	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95





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Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

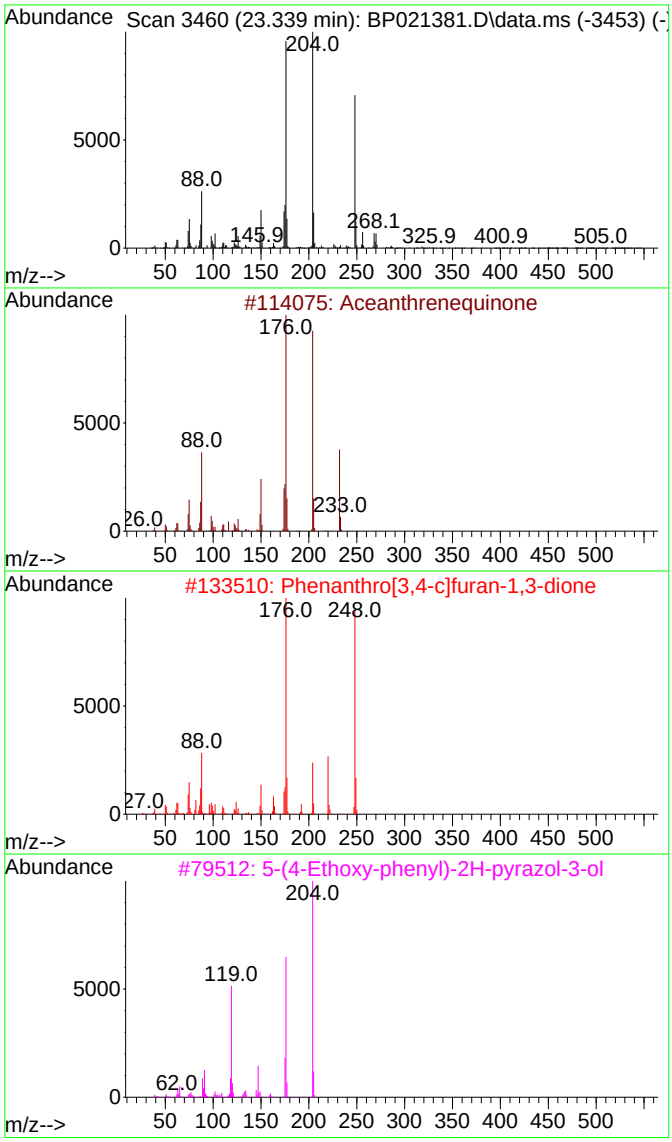
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

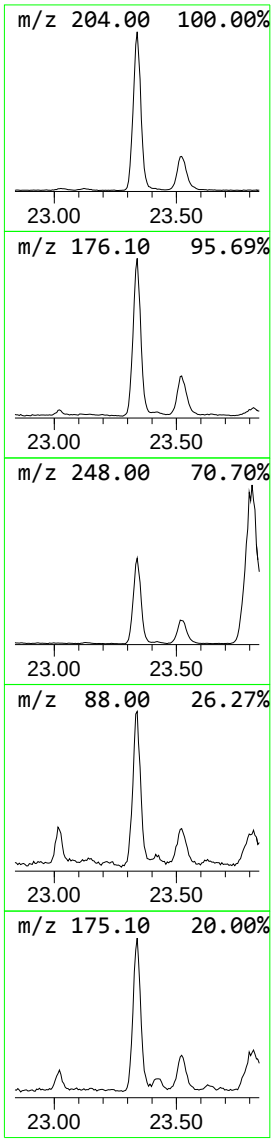
****

Peak Number 37 Aceanthrenequinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.339	19.03 ng/ul	2393090	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	58
2	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	58
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
5	Ethyl 8-methoxycoumarin-3-carbox...	248	C13H12O5	001729-02-8	38





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

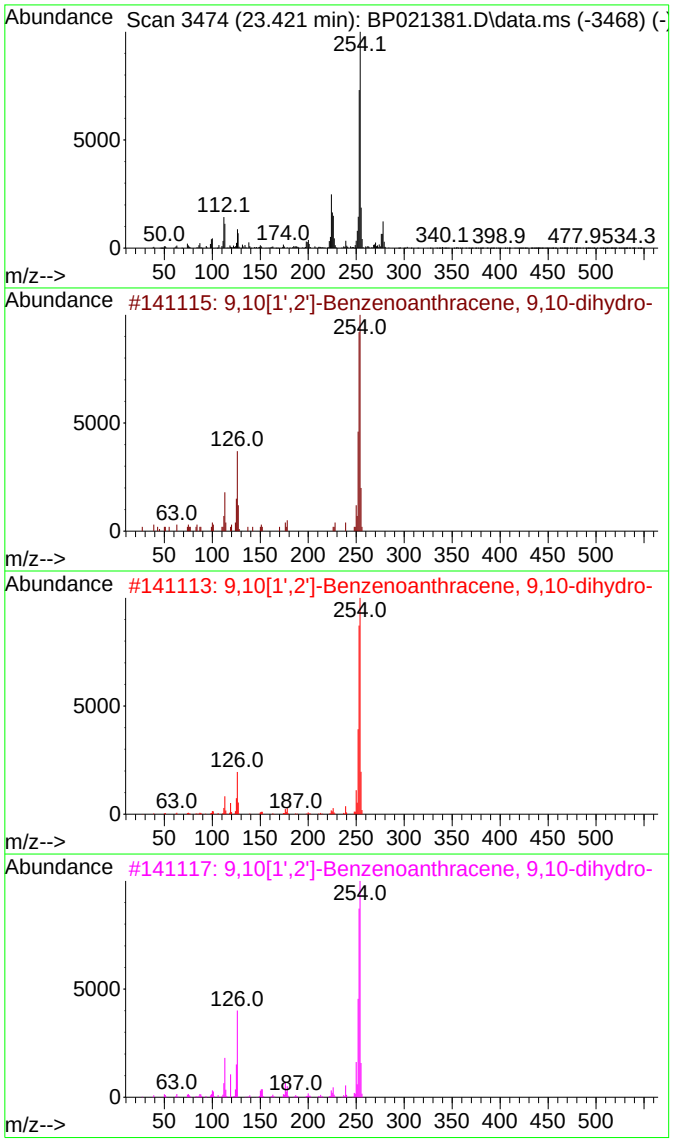
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

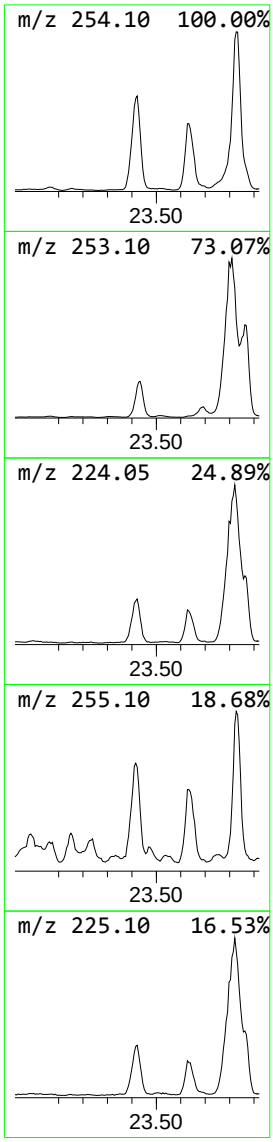
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 9,10[1',2']-Benzenoanthrace... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.421	22.72 ng/ul	2856080	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
4	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	62
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	58





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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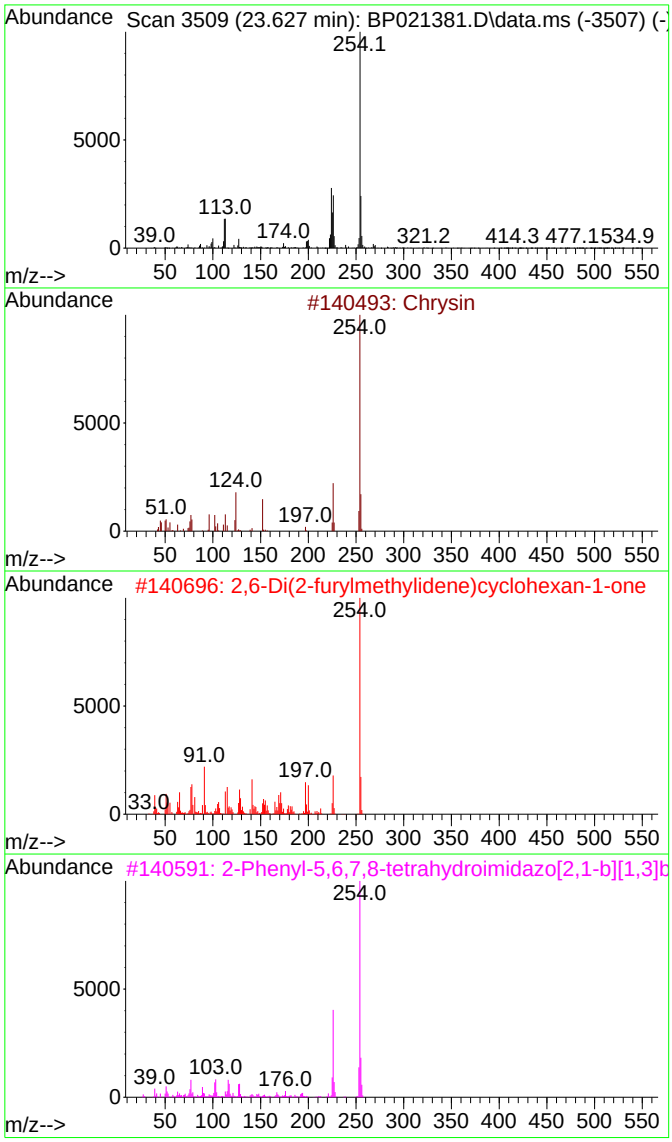
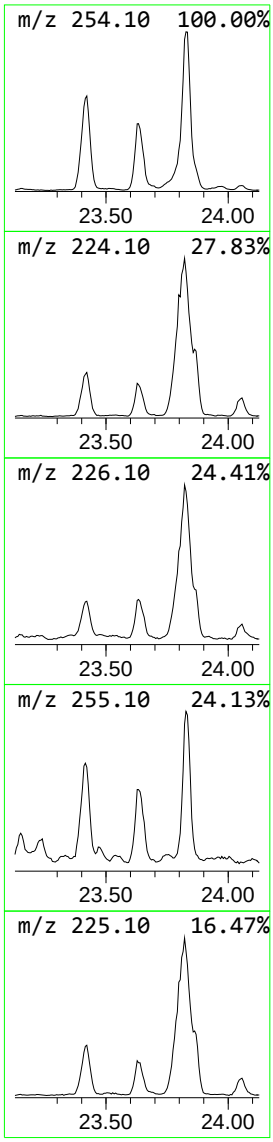
Peak Number 39 Chrysin Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.627	7.75 ng/ul	974090	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	58
2	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
3	2-Phenyl-5,6,7,8-tetrahydroimida...	254	C15H14N2S	025752-17-4	53
4	Chrysin	254	C15H10O4	000480-40-0	52
5	2H-1-benzopyran-2-one, 7-hydroxy...	254	C15H10O4	1000401-42-6	52





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

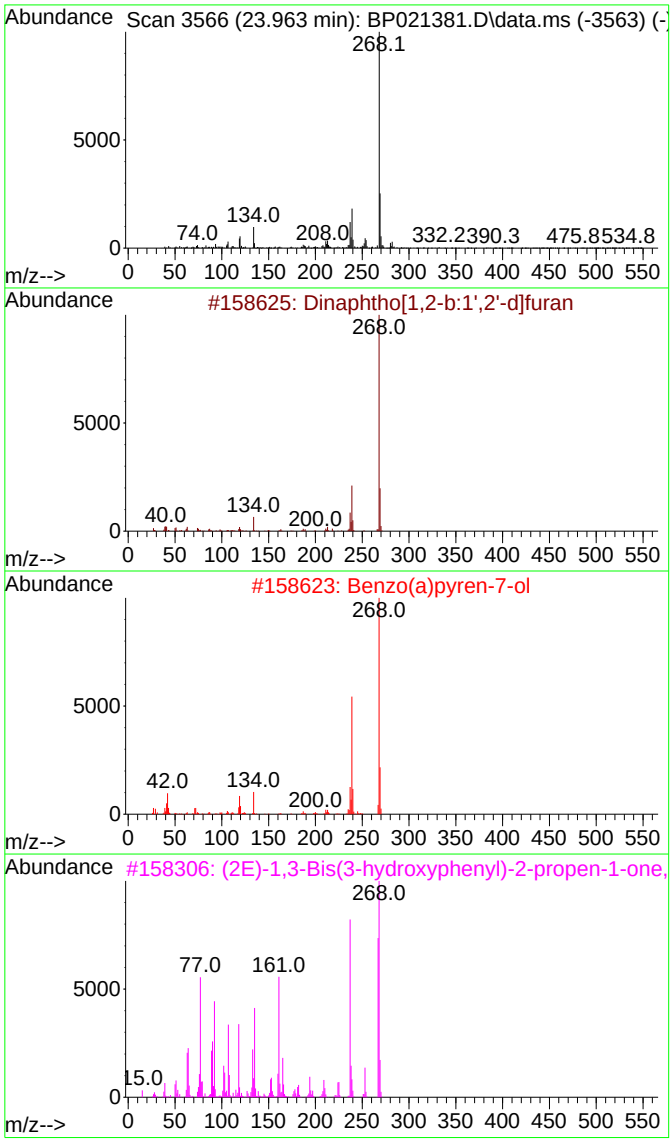
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

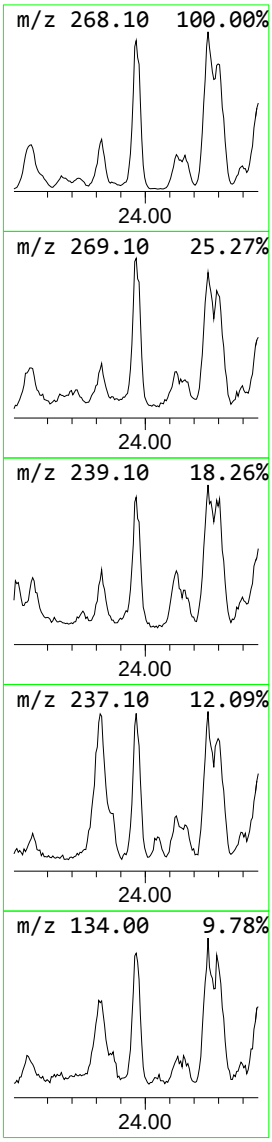
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	8.12 ng/ul	1020910	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
2	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
3	(2E)-1,3-Bis(3-hydroxyphenyl)-2-...	268	C17H16O3	1000504-86-0	64
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
5	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	59





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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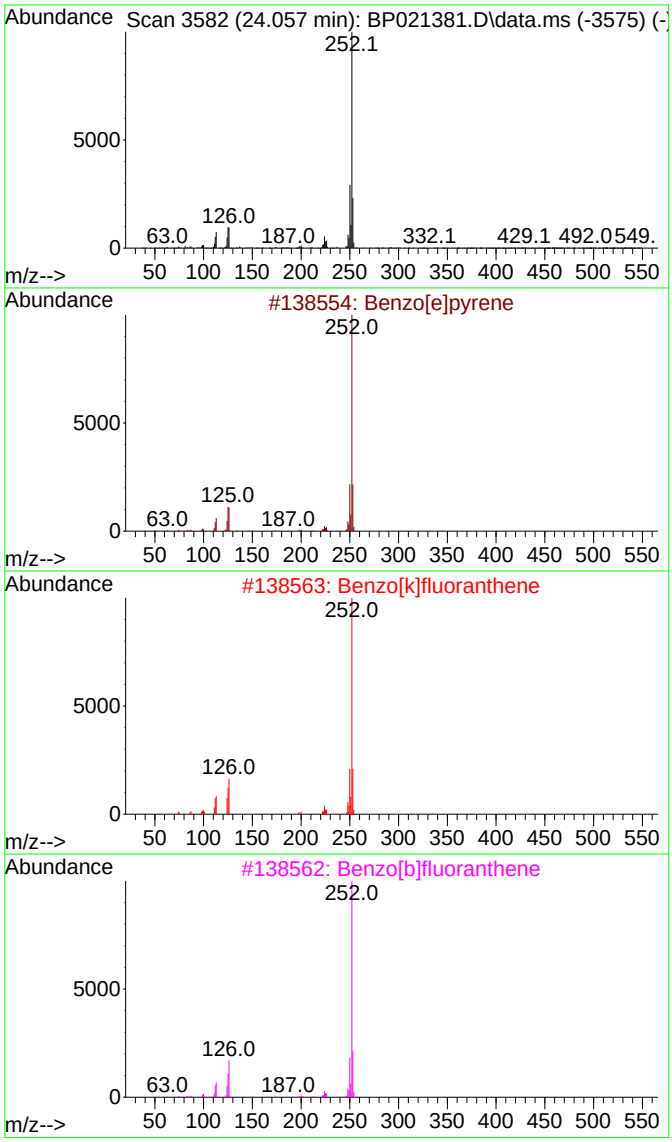
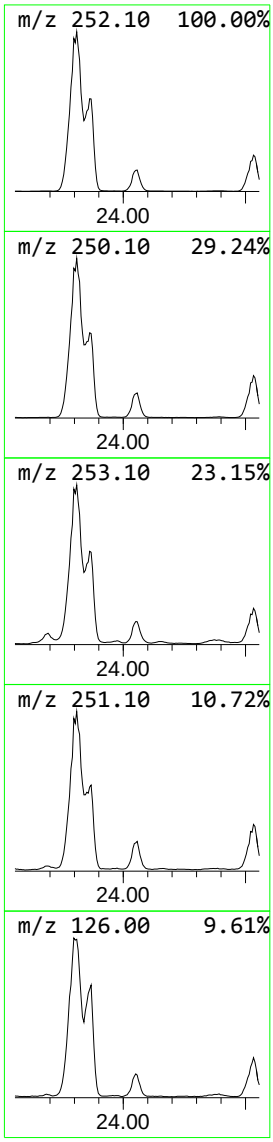
Peak Number 41 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.057	25.23 ng/ul	3172580	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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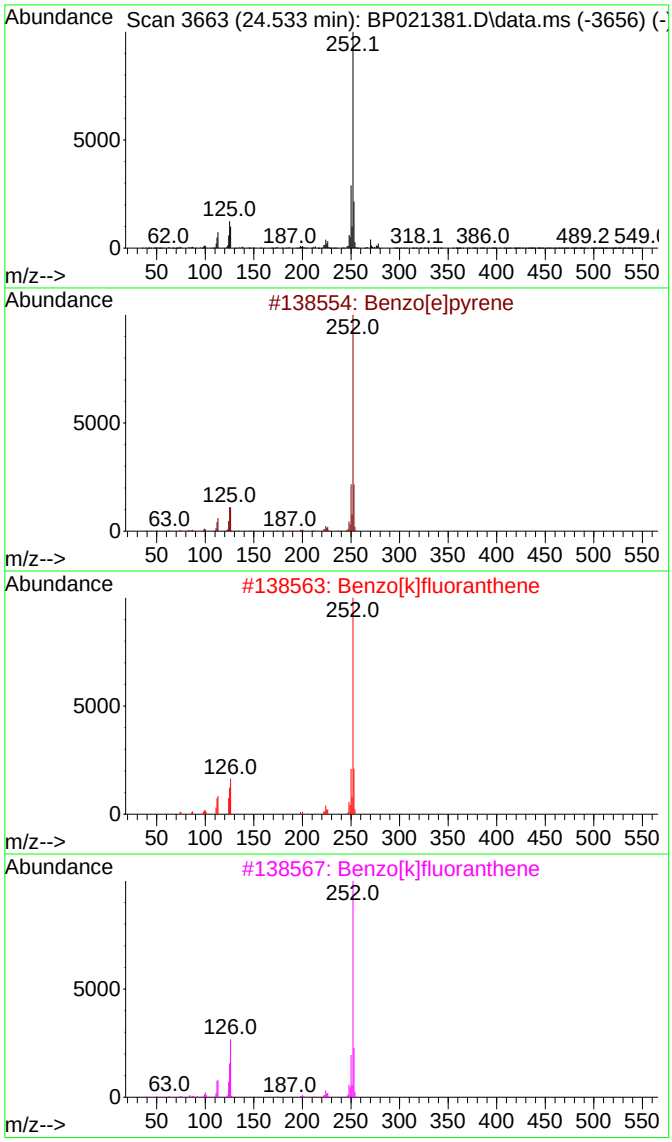
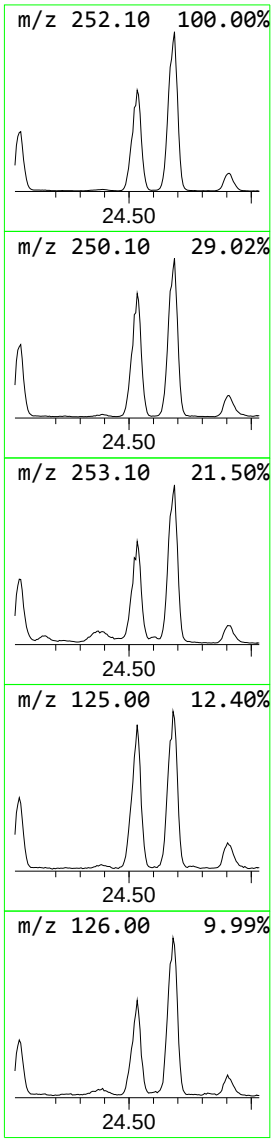
Peak Number 42 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.533	43.90 ng/ul	5520000	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	95





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Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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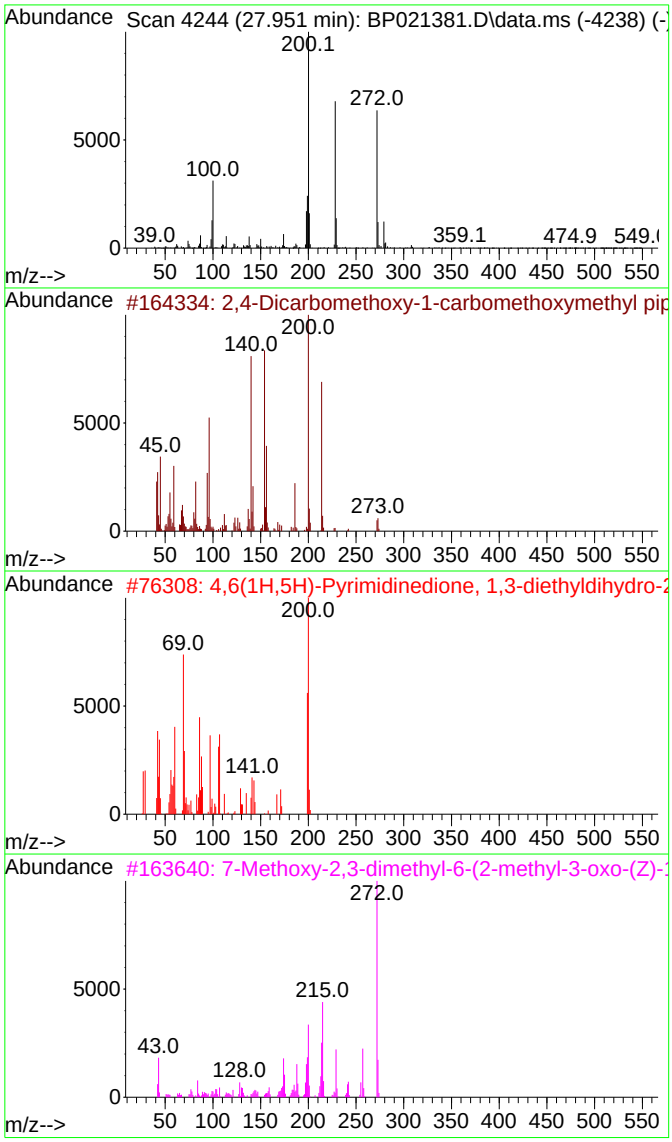
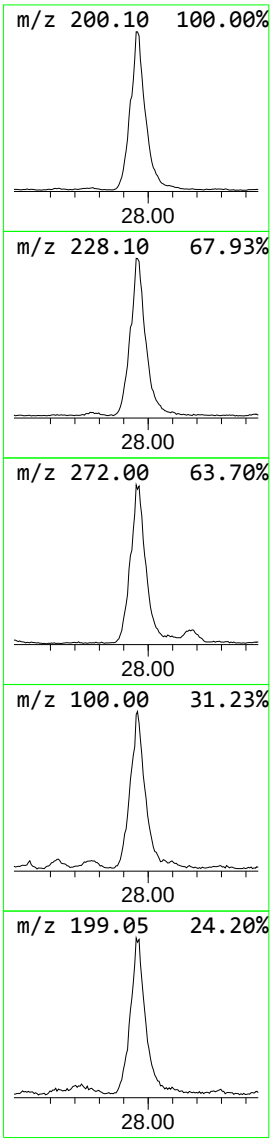
Peak Number 43 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.951	11.32 ng/ul	1423530	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dicarbomethoxy-1-carbomethox...	273	C12H19NO6	040053-52-9	30
2	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	27
3	7-Methoxy-2,3-dimethyl-6-(2-meth...	272	C16H20N2O2	1010305-48-5	27
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	25
5	Ethyl 3-phenoxybenzyl carbonate	272	C16H16O4	1000373-80-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	6.293	100.8	ng/ul	4817250	1	7.610	955800	20.0
D-Limonene	7.805	15.5	ng/ul	739011	1	7.610	955800	20.0
2,4,2',4'-Tetra...	15.998	9.2	ng/ul	1167890	4	17.075	2544770	20.0
(DEL) Alkane: S...	16.822	3.5	ng/ul	451925	4	17.075	2544770	20.0
Phenol, 3-(2-ph...	17.286	12.9	ng/ul	1643830	4	17.075	2544770	20.0
(DEL) Alkane: S...	17.575	3.2	ng/ul	407379	4	17.075	2544770	20.0
Naphthalene, 1-...	17.616	5.1	ng/ul	643807	4	17.075	2544770	20.0
n-Hexadecanoic ...	18.010	8.8	ng/ul	1124490	4	17.075	2544770	20.0
Benzaldehyde, 3...	18.180	5.2	ng/ul	663938	4	17.075	2544770	20.0
Naphthalene, 2-...	18.504	4.8	ng/ul	615527	4	17.075	2544770	20.0
Phenanthrene, 1...	18.857	8.6	ng/ul	1095180	4	17.075	2544770	20.0
Phenanthrene, 2...	18.939	13.3	ng/ul	1690800	4	17.075	2544770	20.0
unknown-01	18.992	15.6	ng/ul	1979310	4	17.075	2544770	20.0
di-p-Tolylacety...	19.033	4.7	ng/ul	592516	4	17.075	2544770	20.0
Cyclopenta(def)...	19.110	41.5	ng/ul	5279810	4	17.075	2544770	20.0
Benzene, 1,3-di...	19.974	4.8	ng/ul	5933080	5	21.533	24537200	20.0
Pyrene, 1-methyl-	20.092	6.6	ng/ul	8053530	5	21.533	24537200	20.0
Pyrene, 2-methyl-	20.280	6.5	ng/ul	8031900	5	21.533	24537200	20.0
Acridin-9-amine...	20.404	15.0	ng/ul	18434400	5	21.533	24537200	20.0
11H-Benzo[a]flu...	20.916	5.2	ng/ul	6429380	5	21.533	24537200	20.0
Benzo[b]naphtho...	21.104	5.9	ng/ul	7291390	5	21.533	24537200	20.0
Dehydroabietic ...	21.145	9.7	ng/ul	11852000	5	21.533	24537200	20.0
Cyclopenta[cd]p...	21.186	6.0	ng/ul	7306520	5	21.533	24537200	20.0
7H-Benz[de]anth...	21.274	4.7	ng/ul	5730320	5	21.533	24537200	20.0
Benz[a]anthrace...	22.274	4.9	ng/ul	6066380	5	21.533	24537200	20.0
Aceanthrenequinone	23.339	19.0	ng/ul	2393090	6	24.821	2514540	20.0
9,10[1',2']-Ben...	23.421	22.7	ng/ul	2856080	6	24.821	2514540	20.0
Chrysin	23.627	7.8	ng/ul	974090	6	24.821	2514540	20.0
Dinaphtho[1,2-b...	23.962	8.1	ng/ul	1020910	6	24.821	2514540	20.0
Benzo[e]pyrene	24.057	25.2	ng/ul	3172580	6	24.821	2514540	20.0
Perylene	24.533	43.9	ng/ul	5520000	6	24.821	2514540	20.0
unknown-02	27.951	11.3	ng/ul	1423530	6	24.821	2514540	20.0