LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

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_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	19	22	26	rBV2	18427	20733	0.30%	0.041%
2	3.416	86	90	98	rBV2	45845	77749	1.11%	0.153%
3	3.504	101	105	113	rVV	59521	79505	1.13%	0.156%
4	3.569	113	116	120	rVB3	8289	12115	0.17%	0.024%
5	3.704	136	139	144	rVB2	13880	17747	0.25%	0.035%
6	4.575	283	287	293	rBV	26178	36375	0.52%	0.071%
7	6.393	592	596	603	rVB8	5705	12787	0.18%	0.025%
8	6.493	609	613	618	rVB2	15911	24300	0.35%	0.048%
9	6.551	618	623	625	rBV	22894	33907	0.48%	0.067%
10	6.593	625	630	642	rVB	281910	478001	6.82%	0.938%
11	6.745	649	656	668	rVB	233364	367173	5.24%	0.720%
12	6.928	681	687	698	rBV	279011	427432	6.10%	0.839%
13	7.040	698	706	712	rVB4	22103	45158	0.64%	0.089%
14	7.387	758	765	772	rBV	831090	1294345	18.46%	2.540%
15	8.104	881	887	897	rBV	316571	510140	7.28%	1.001%
16	8.204	898	904	912	rVB	159699	258270	3.68%	0.507%
17	8.528	954	959	969	rVB	252389	415636	5.93%	0.816%
18	8.904	1018	1023	1032	rBV7	19474	44595	0.64%	0.088%
19	9.122	1055	1060	1064	rBV3	18478	30521	0.44%	0.060%
20	9.239	1074	1080	1089	rBV	188126	317440	4.53%	0.623%
21	9.434	1108	1113	1119	rBV4	19346	46533	0.66%	0.091%
22	9.604	1135	1142	1148	rBV3	13823	25817	0.37%	0.051%
23	9.781	1165	1172	1182	rBV	295268	511024	7.29%	1.003%
24	10.139	1224	1233	1246	rVB	1086517	1800105	25.67%	3.532%
25	10.292	1250	1259	1273	rBV	181319	364940	5.20%	0.716%
26	10.716	1321	1331	1338	rBV	13706	40230	0.57%	0.079%
27	10.904	1358	1363	1367	rBV3	30572	55505	0.79%	0.109%
28	11.533	1465	1470	1474	rBV7	6851	12270	0.17%	0.024%
29	11.739	1502	1505	1513	rVB6	7697	13248	0.19%	0.026%
30	11.822	1513	1519	1524	rBV7	16586	37518	0.54%	0.074%
31	13.469	1793	1799	1807	rBV	524894	734636	10.48%	1.441%
32	13.727	1836	1843	1857	rVB	628158	911080	12.99%	1.788%
33	14.039	1889	1896	1905	rBV	1592974	2277914	32.49%	4.470%
34	14.286	1931	1938	1954	rBV3	132736	291110	4.15%	0.571%
35	14.880	2035	2039	2044	rVB4	8137	13009	0.19%	0.026%
36	15.045	2061	2067	2073	rBV	799810	1132994	16.16%	2.223%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
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Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

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_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

37	15.115	2073	2079	2086	rVV4	30800	61093	0.87%	0.120%
38	15.186	2086	2091	2098	rVB2	46972	68543	0.98%	0.134%
39	15.804	2192	2196	2199	rBV3	9726	13858	0.20%	0.027%
40	16.545	2318	2322	2327	rBV2	18034	25094	0.36%	0.049%
41	16.598	2327	2331	2339	rVB8	11216	20968	0.30%	0.041%
42	16.798	2359	2365	2370	rBV	1931131	2630266	37.51%	5.161%
43	16.839	2370	2372	2376	rVV	52103	66681	0.95%	0.131%
44	16.898	2376	2382	2396	rVB2	842505	1198695	17.09%	2.352%
45	17.227	2433	2438	2442	rBV4	11939	16883	0.24%	0.033%
46	17.439	2470	2474	2479	rVB7	12642	18012	0.26%	0.035%
47	17.515	2481	2487	2493	rBV10	12766	27341	0.39%	0.054%
48	17.680	2510	2515	2519	rBV	41338	59634	0.85%	0.117%
49	17.733	2519	2524	2531	rVV2	107428	172380	2.46%	0.338%
50	17.809	2533	2537	2542	rVV4	16798	29904	0.43%	0.059%
51	17.868	2543	2547	2551	rVV3	22470	38978	0.56%	0.076%
52	17.909	2551	2554	2559	rVB4	18171	26302	0.38%	0.052%
53	18.033	2572	2575	2579	rBV4	11957	12917	0.18%	0.025%
54	18.151	2589	2595	2599	rBV7	24263	41351	0.59%	0.081%
55	18.292	2616	2619	2626	rBV3	19032	29946	0.43%	0.059%
56	18.439	2640	2644	2648	rBV2	32506	41350	0.59%	0.081%
57	18.492	2648	2653	2656	rBV	69920	97450	1.39%	0.191%
58	18.527	2656	2659	2663	rVB2	61856	74298	1.06%	0.146%
59	18.604	2663	2672	2678	rBV4	102047	204966	2.92%	0.402%
60	18.668	2680	2683	2687	rBV4	25091	35731	0.51%	0.070%
61	18.703	2687	2689	2693	rVB3	15519	14874	0.21%	0.029%
62	18.768	2693	2700	2705	rBV3	68133	156495	2.23%	0.307%
63	18.874	2714	2718	2724	rVB	116443	160355	2.29%	0.315%
64	19.039	2741	2746	2750	rBV6	34472	59437	0.85%	0.117%
65	19.168	2765	2768	2770	rBV3	14321	19693	0.28%	0.039%
66	19.209	2770	2775	2778	rBV2	857460	1187058	16.93%	2.329%
67	19.239	2778	2780	2784	rVB	271171	288185	4.11%	0.565%
68	19.380	2801	2804	2805	rBV3	25302	26284	0.37%	0.052%
69	19.403	2806	2808	2813	rVV4	34810	51076	0.73%	0.100%
70	19.451	2813	2816	2820	rVV2	35970	50937	0.73%	0.100%
71	19.580	2834	2838	2848	rBV5	52180	128132	1.83%	0.251%
72	19.662	2850	2852	2856	rBV5	27804	32683	0.47%	0.064%
73	19.709	2857	2860	2863	rBV3	40241	66570	0.95%	0.131%
74	19.903	2889	2893	2898	rBV	519222	699738	9.98%	1.373%
75	20.045	2913	2917	2921	rBV	262829	307257	4.38%	0.603%
76	20.092	2921	2925	2930	rVV2	201296	267490	3.81%	0.525%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

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_M\Methods\SFAM-EPA-BM080224.MA.M
Title : SVOA CALIBRATION

77	20.139	2931	2933	2938	rVB2	45698	52362	0.75%	0.103%
78	20.309	2958	2962	2965	rBV2	107662	148312	2.12%	0.291%
79	20.503	2991	2995	3002	rVB	279753	395837	5.65%	0.777%
80	20.592	3006	3010	3015	rVB2	472476	561189	8.00%	1.101%
81	20.645	3015	3019	3021	rBV	290183	365216	5.21%	0.717%
82	20.674	3021	3024	3028	rVB2	209112	265335	3.78%	0.521%
83	20.774	3036	3041	3045	rBV2	273420	412741	5.89%	0.810%
84	20.856	3053	3055	3059	rVB2	112574	119157	1.70%	0.234%
85	20.962	3067	3073	3079	rBV	5380442	7012091	100.00%	13.759%
86	21.033	3079	3085	3089	rVV	2453674	3756150	53.57%	7.370%
87	21.074	3089	3092	3095	rVB	381267	458302	6.54%	0.899%
88	21.156	3103	3106	3112	rVB2	297747	410850	5.86%	0.806%
89	21.250	3120	3122	3125	rBV2	143888	159655	2.28%	0.313%
90	21.486	3159	3162	3168	rBV	363400	510688	7.28%	1.002%
91	21.597	3178	3181	3184	rBV	167467	222181	3.17%	0.436%
92	21.662	3184	3192	3198	rVV	875450	1844193	26.30%	3.619%
93	21.721	3198	3202	3206	rVV	490421	731049	10.43%	1.434%
94	21.797	3210	3215	3225	rVB	3029155	4933864	70.36%	9.681%
95	22.062	3256	3260	3266	rBV	356051	591069	8.43%	1.160%
96	22.280	3293	3297	3299	rBV2	246734	400984	5.72%	0.787%
97	22.386	3311	3315	3320	rVV	309282	486296	6.94%	0.954%
98	22.456	3322	3327	3334	rVB3	686495	1510445	21.54%	2.964%
99	23.550	3509	3513	3519	rBV	309846	551583	7.87%	1.082%
100	23.733	3537	3544	3552	rBV	1630420	3764548	53.69%	7.387%

Sum of corrected areas: 50964864

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
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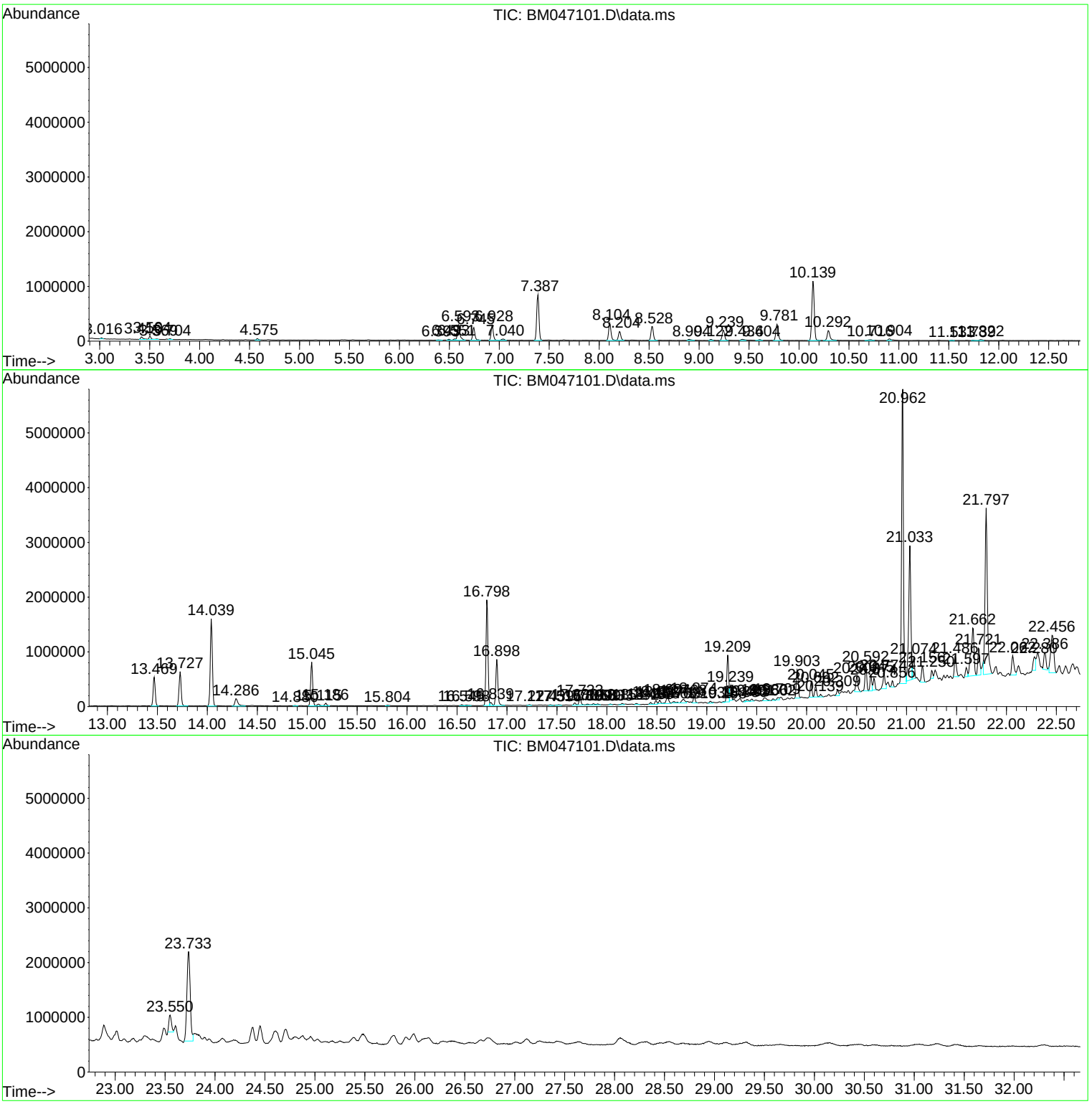
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

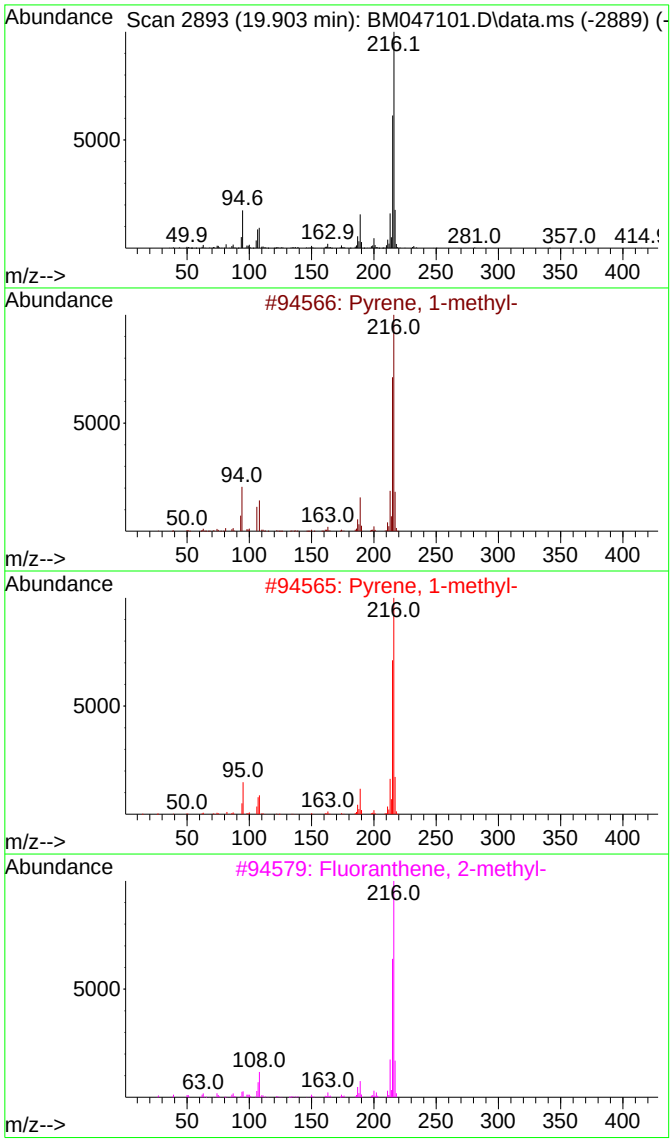
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

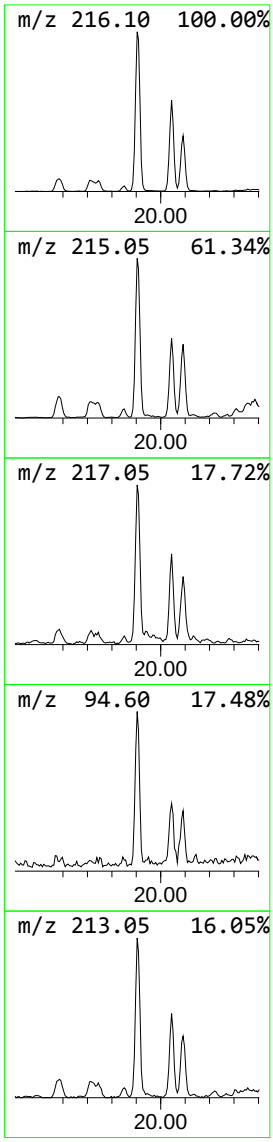
****

Peak Number 1 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.903	3.73 ng/ul	699738	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

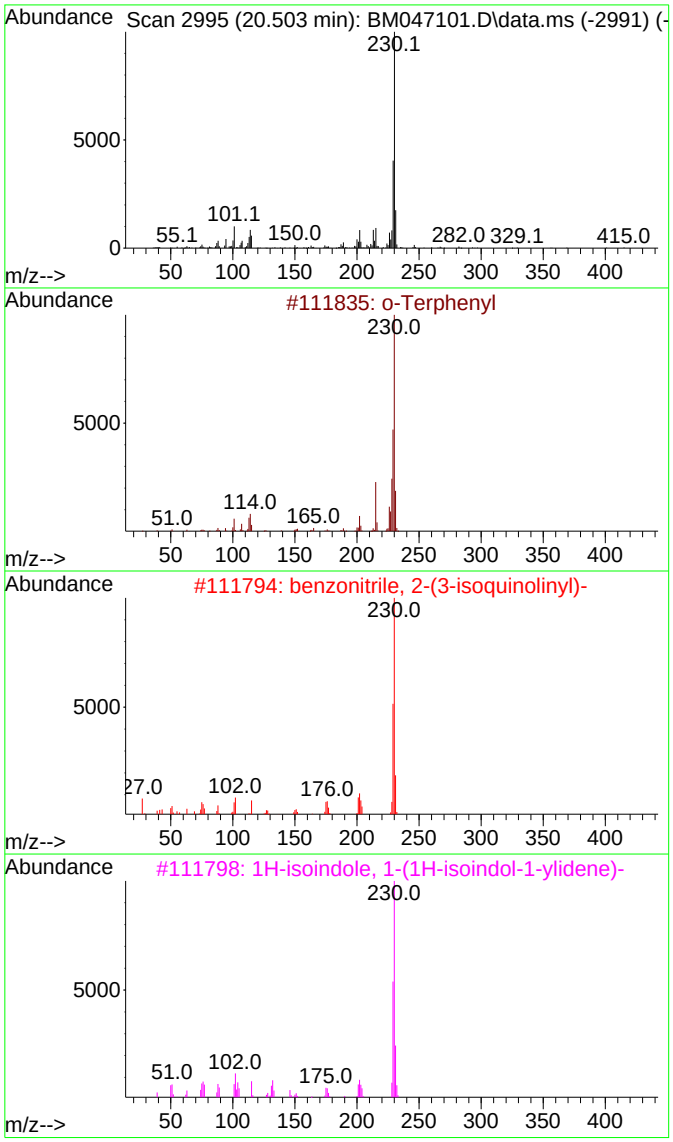
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

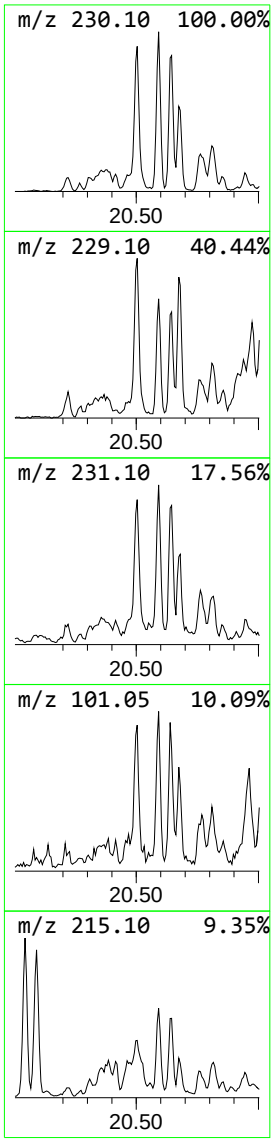
****

Peak Number 2 o-Terphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.503	2.11 ng/ul	395837	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	91
2	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	80
3	1H-isoindole, 1-(1H-isoindol-1-y...	230	C16H10N2	1000396-37-4	72
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
5	5-[(3Z)-Pent-3-en-1-yn-1-yl]-2,2...	230	C13H10S2	1000415-02-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

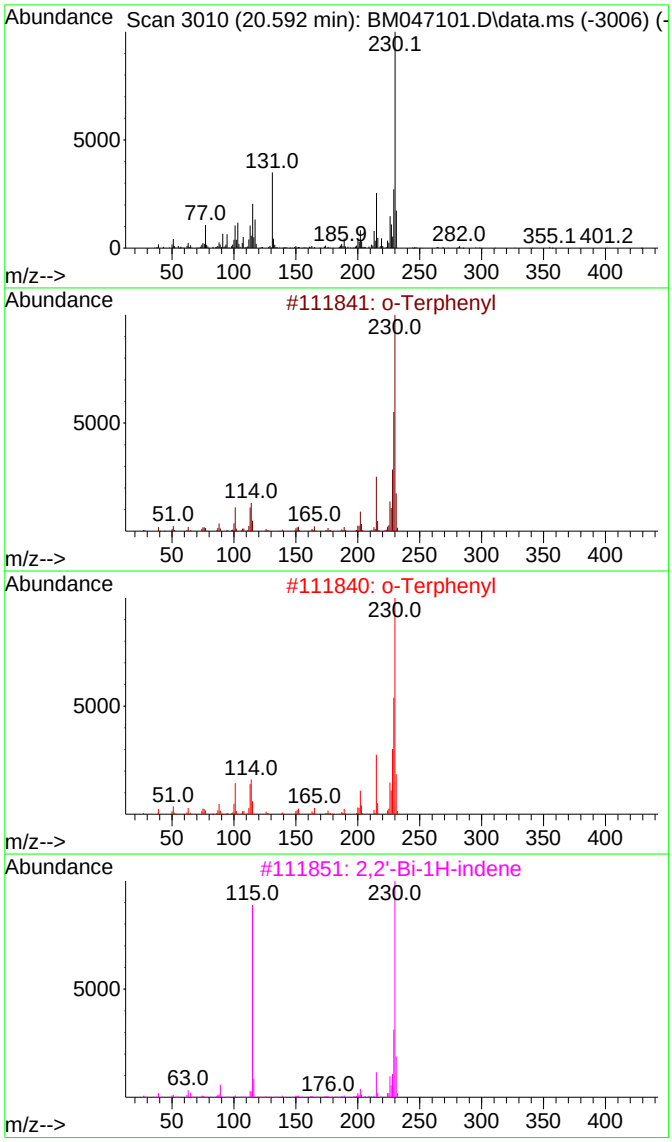
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

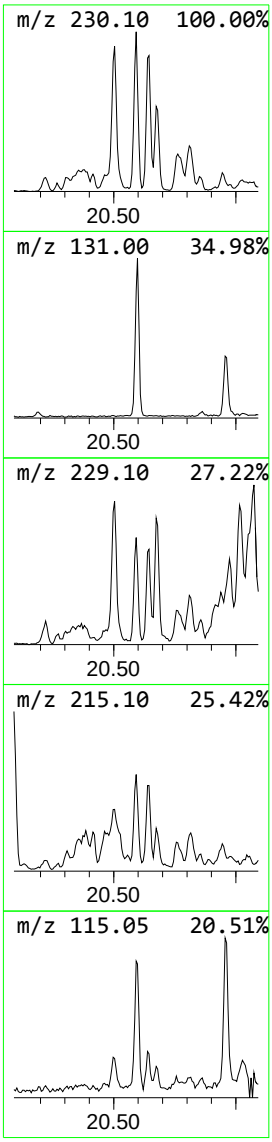
****

Peak Number 3 2,2'-Bi-1H-indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	2.99 ng/ul	561189	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	91
2	o-Terphenyl	230	C18H14	000084-15-1	83
3	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	70
4	m-Terphenyl	230	C18H14	000092-06-8	60
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
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Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

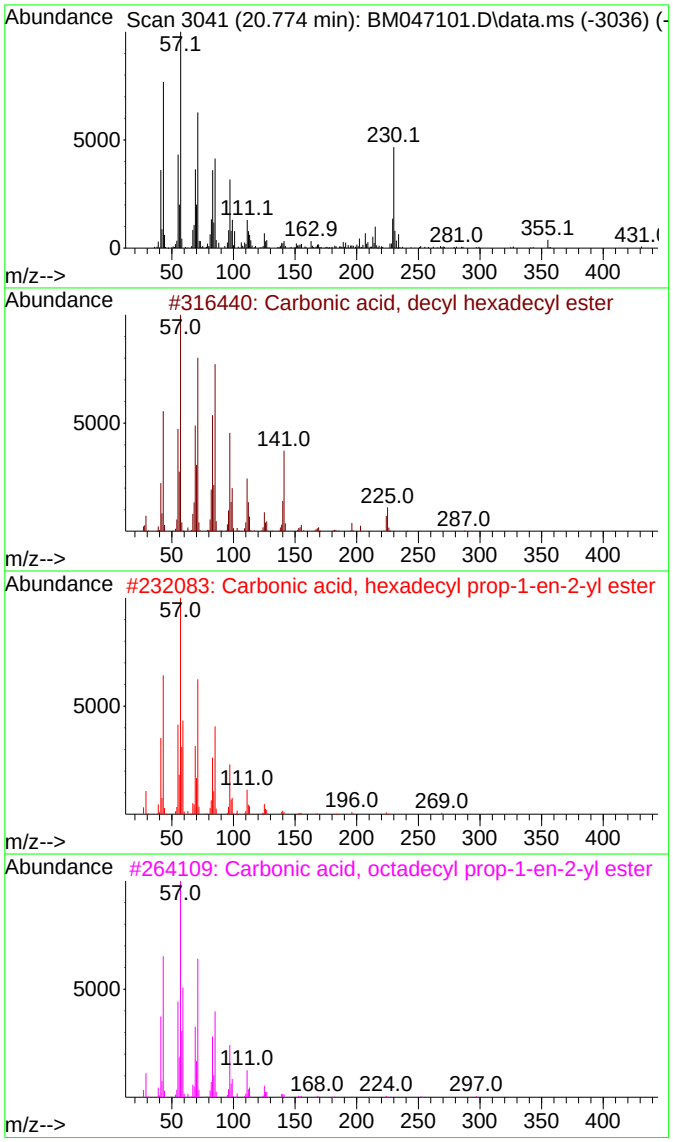
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

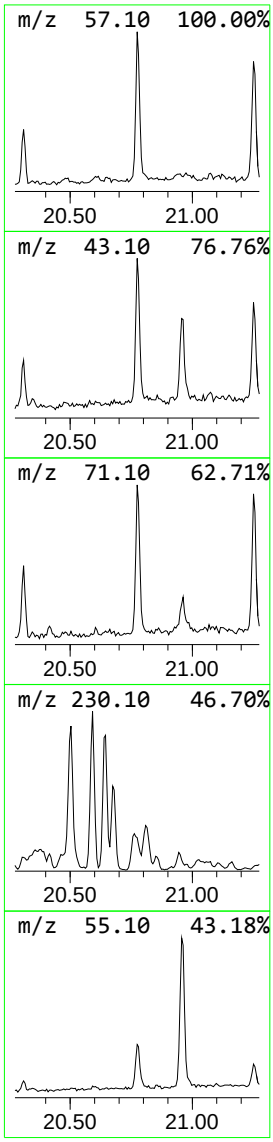
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, decyl hexade... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.774	2.20 ng/ul	412741	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	55
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	55
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	55
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	55
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

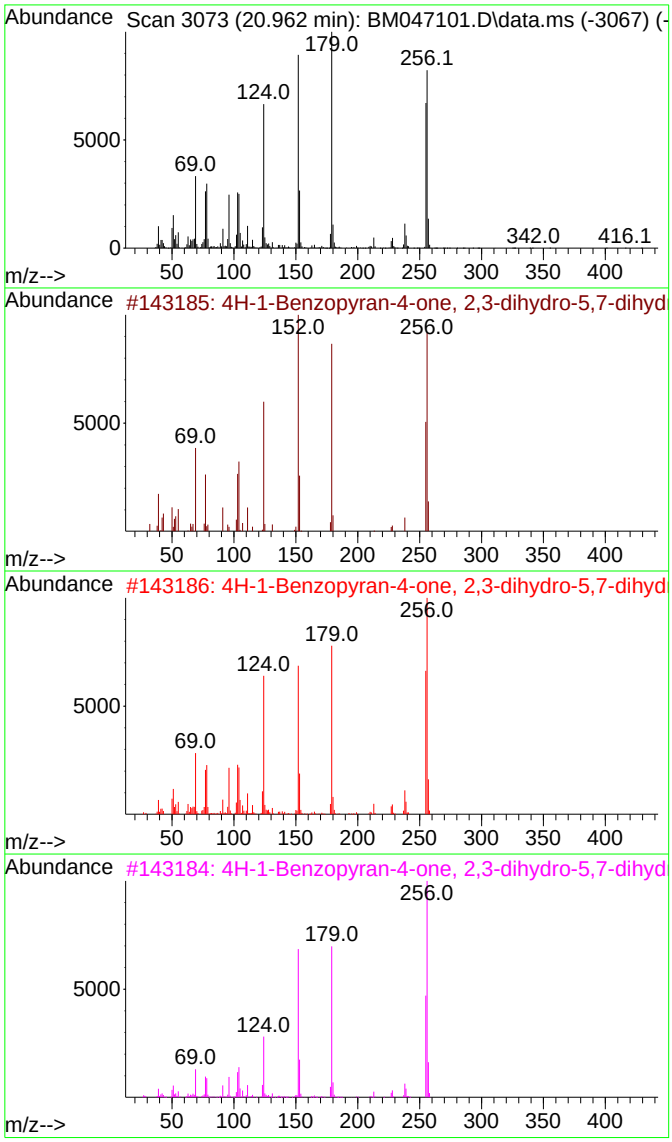
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

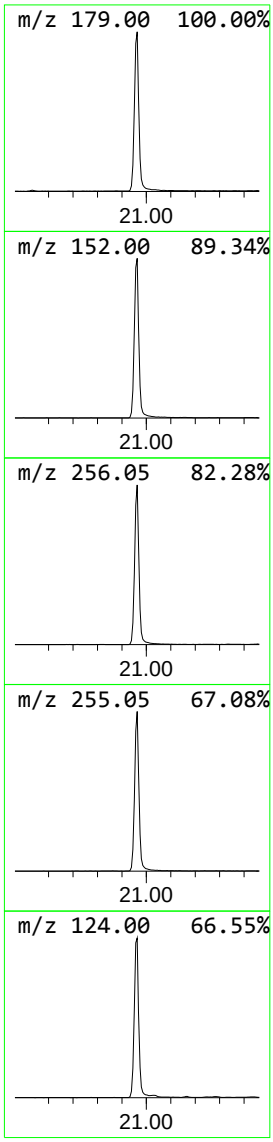
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-1-Benzopyran-4-one, 2,3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.962	37.34 ng/ul	7012090	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	99
2	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	98
3	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	98
4	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	91
5	Benzonitrile, 4-(2,2-dicyanoethe...	179	C11H5N3	036937-92-5	27





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Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

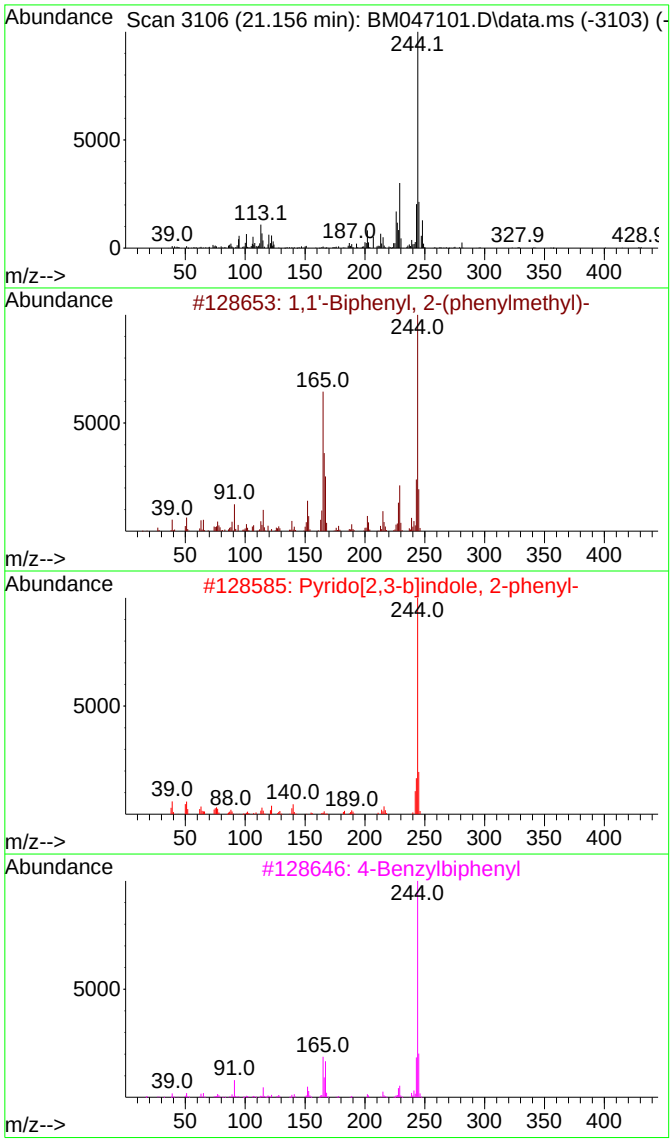
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

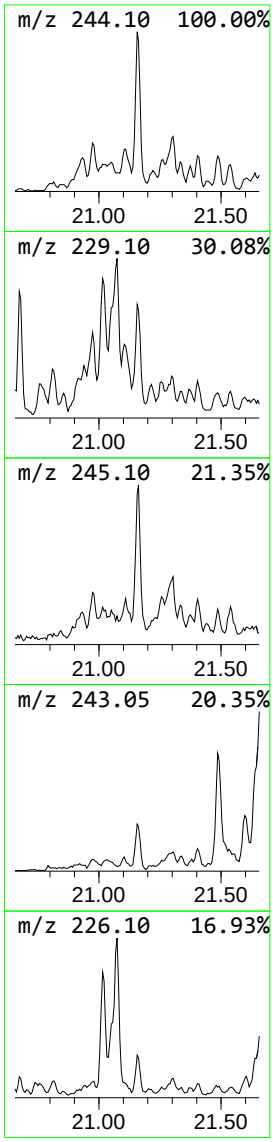
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2-(phenylmet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	2.19 ng/ul	410850	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-(phenylmethyl)-	244	C19H16	000606-97-3	68
2	Pyrido[2,3-b]indole, 2-phenyl-	244	C17H12N2	064677-58-3	52
3	4-Benzylbiphenyl	244	C19H16	000613-42-3	52
4	p-Terphenyl-d14	244	C18D14	001718-51-0	52
5	1,1'-Biphenyl, 2,2',5-trimethoxy-	244	C15H16O3	019718-53-7	50





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Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

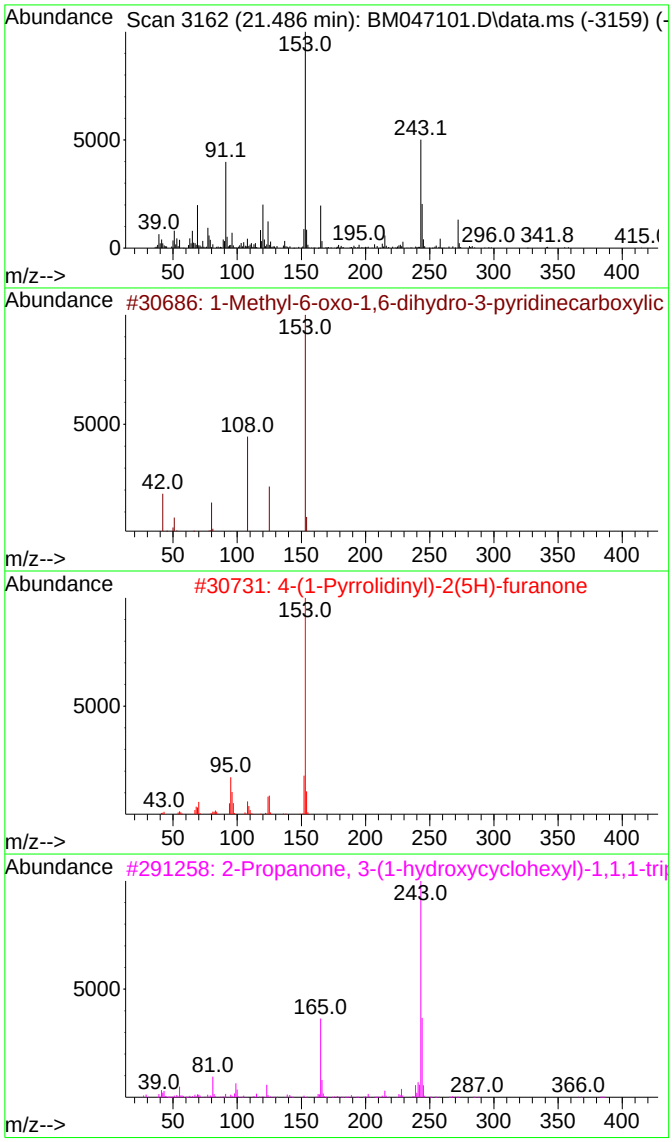
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

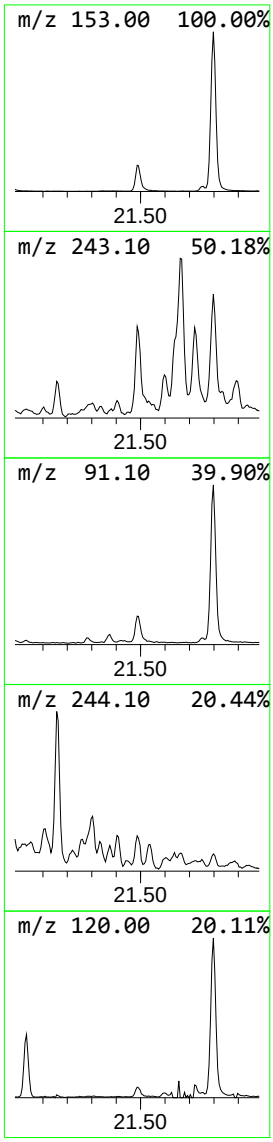
****

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	2.72 ng/ul	510688	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-6-oxo-1,6-dihydro-3-pyr...	153	C7H7NO3	003719-45-7	22
2	4-(1-Pyrrolidinyl)-2(5H)-furanone	153	C8H11NO2	1000427-46-1	16
3	2-Propanone, 3-(1-hydroxycyclohe...	384	C27H28O2	1000197-41-4	16
4	1,1,1-Triphenyl-4-hydroxy-4-meth...	344	C24H24O2	054759-37-4	16
5	2-(Naphthalen-1-yl)-1H-1,3-benzo...	244	C17H12N2	002562-81-4	14





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Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

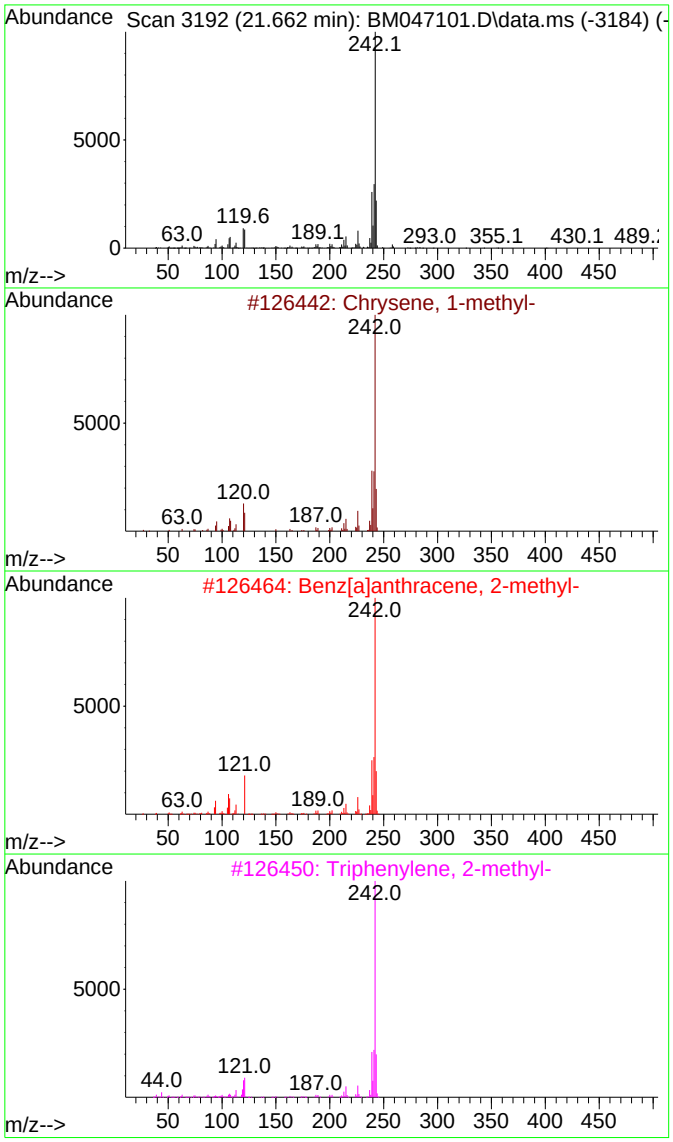
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

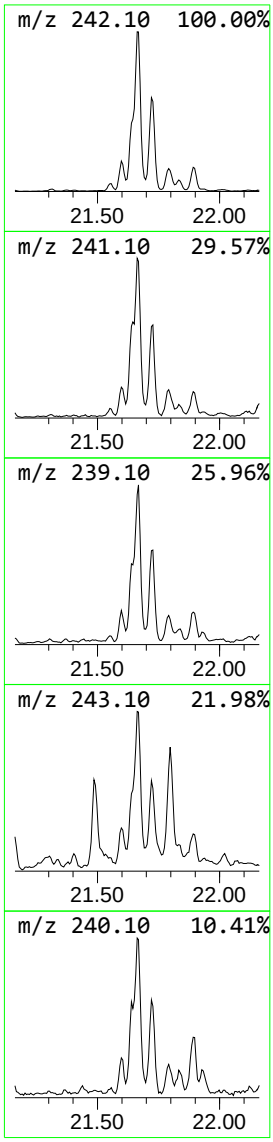
****

Peak Number 8 Chrysene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.662	9.82 ng/ul	1844190	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91





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Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

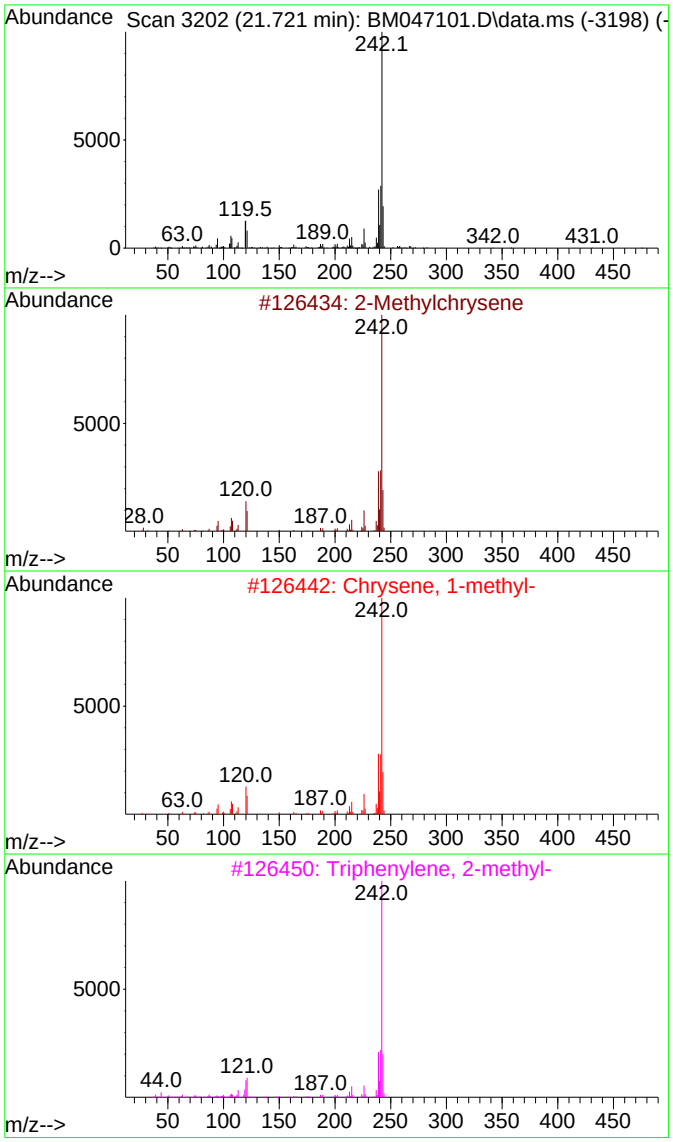
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

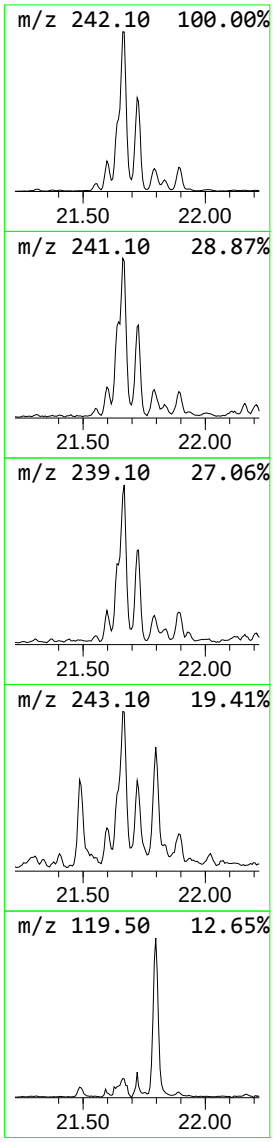
****

Peak Number 9 2-Methylchrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.721	3.89 ng/ul	731049	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93





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Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

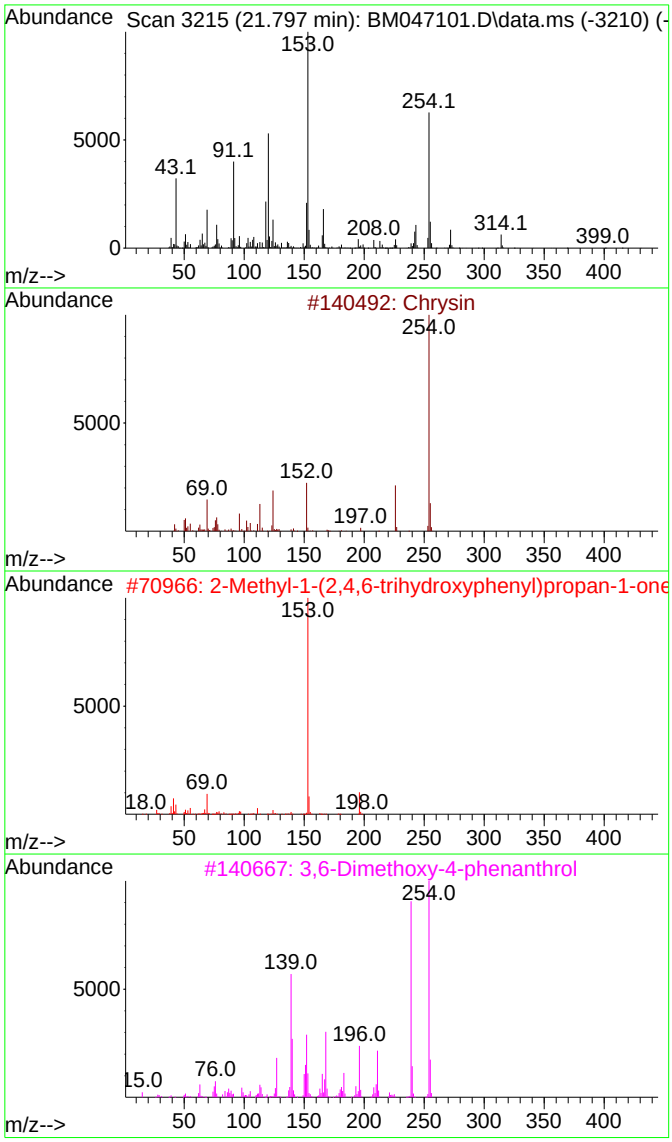
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

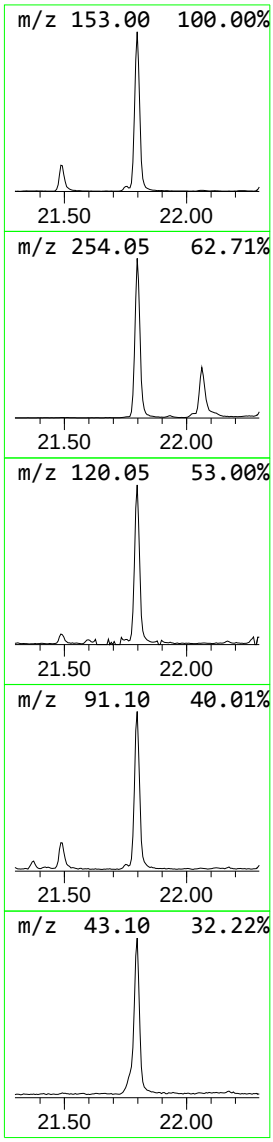
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.797	26.27 ng/ul	4933860	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	47
2	2-Methyl-1-(2,4,6-trihydroxyphen...	196	C10H12O4	035458-21-0	22
3	3,6-Dimethoxy-4-phenanthrol	254	C16H14O3	000481-81-2	22
4	Flopropione	182	C9H10O4	002295-58-1	22
5	1-Methyl-6-oxo-1,6-dihydro-3-pyr...	153	C7H7NO3	003719-45-7	22





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Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

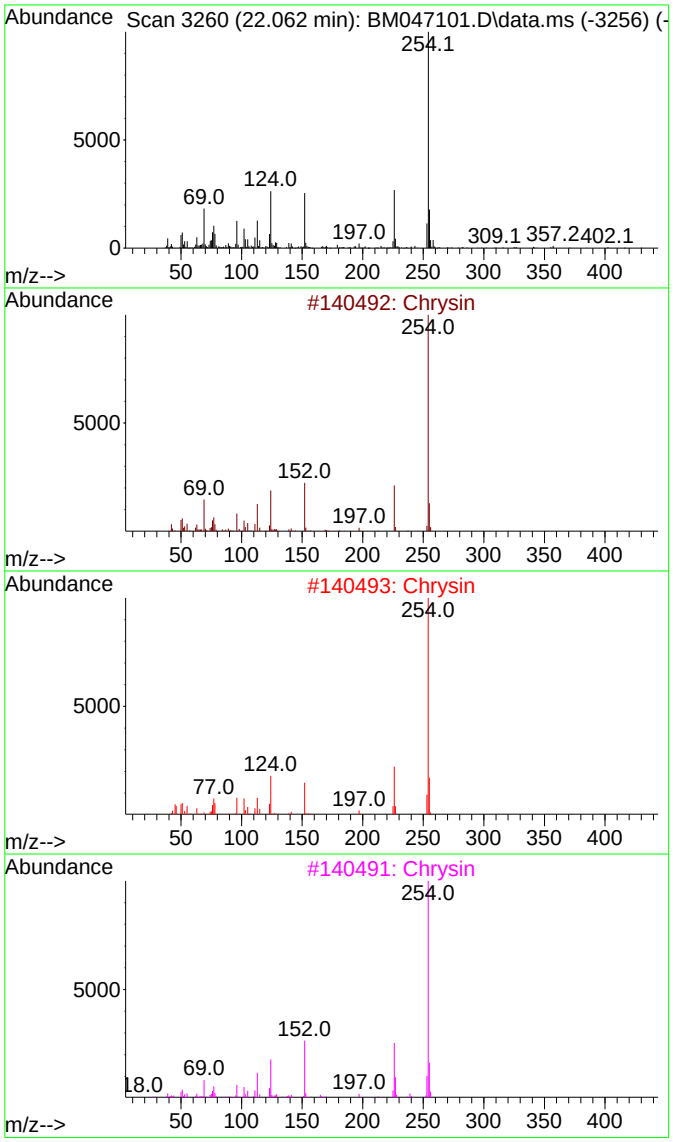
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

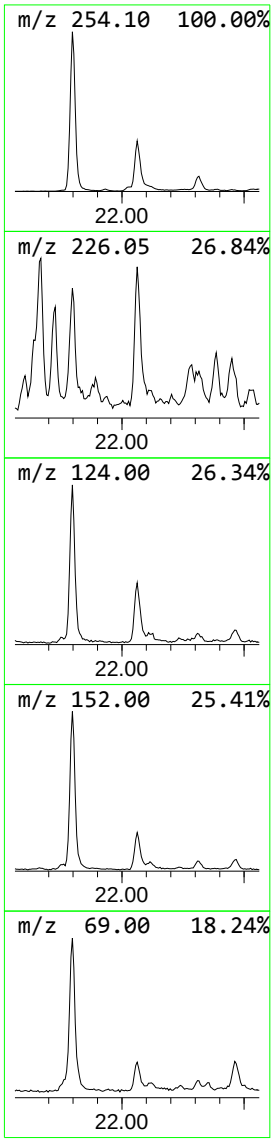
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Chrysin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.062	3.15 ng/ul	591069	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	98
2	Chrysin	254	C15H10O4	000480-40-0	94
3	Chrysin	254	C15H10O4	000480-40-0	91
4	Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	86
5	2H-1-benzopyran-2-one, 7-hydroxy...	254	C15H10O4	1000401-42-6	64





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Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

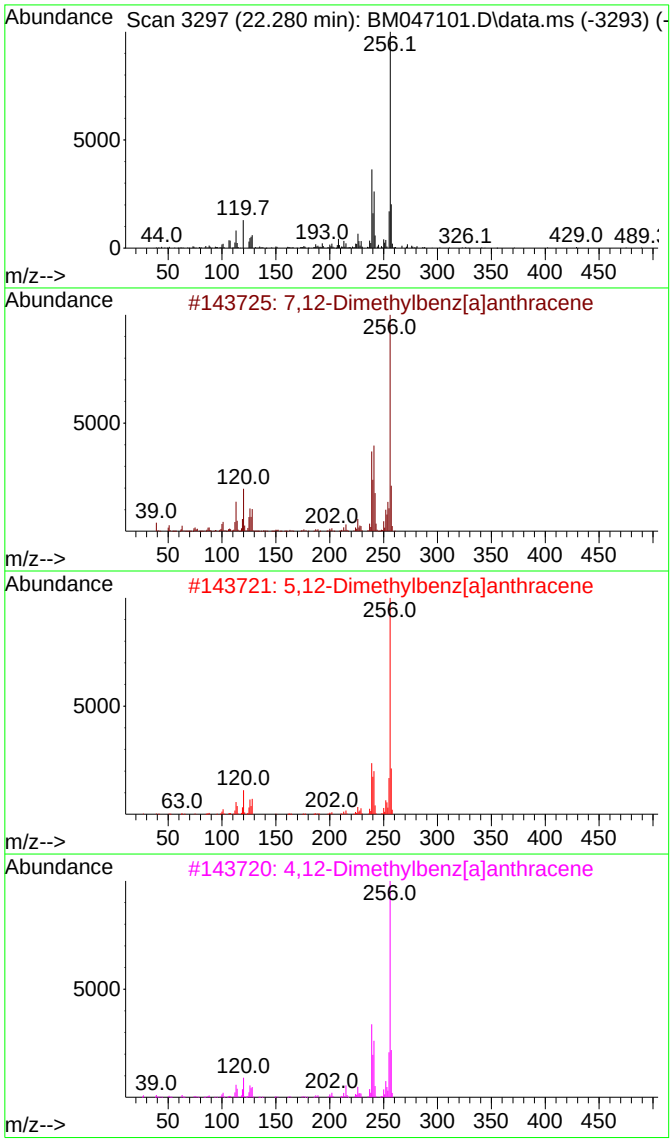
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

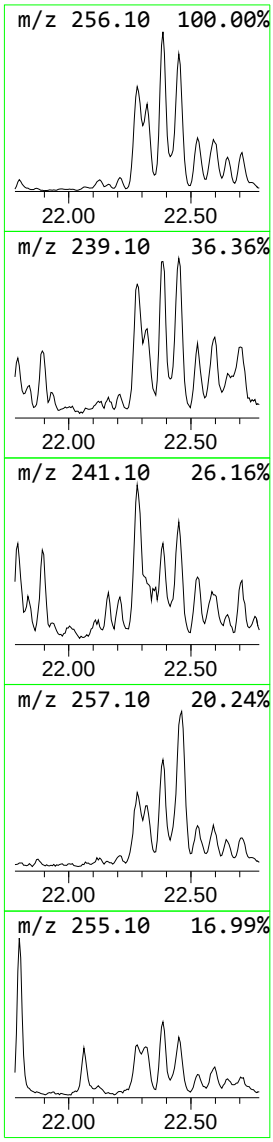
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7,12-Dimethylbenz[a]anthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.280	2.14 ng/ul	400984	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	95
2	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
4	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93





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Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

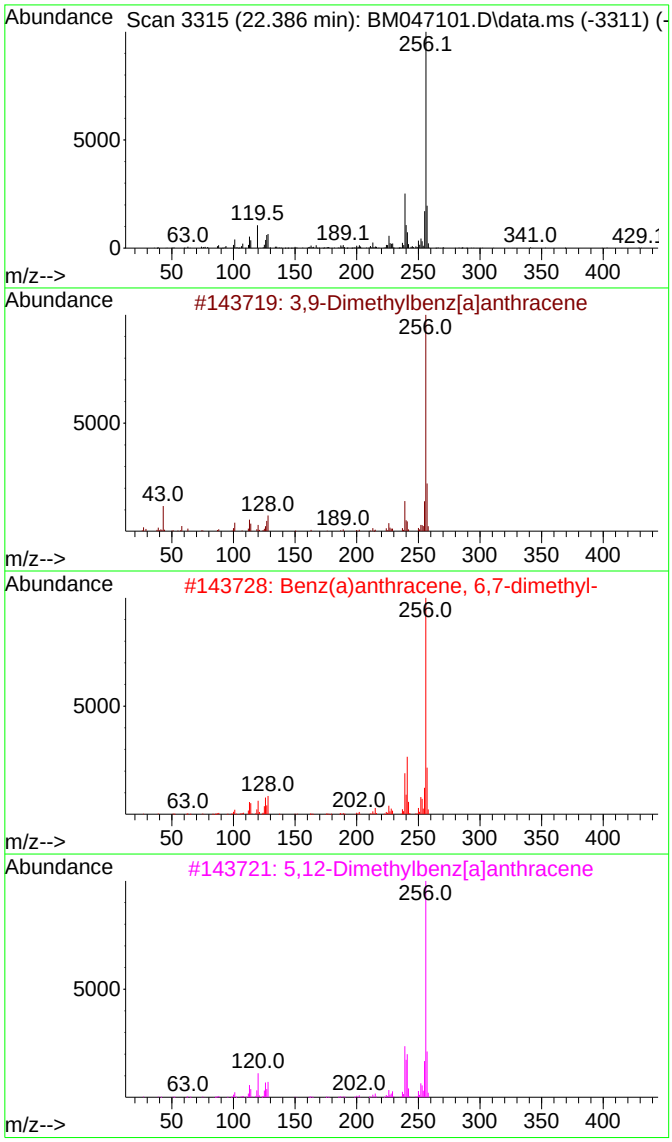
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

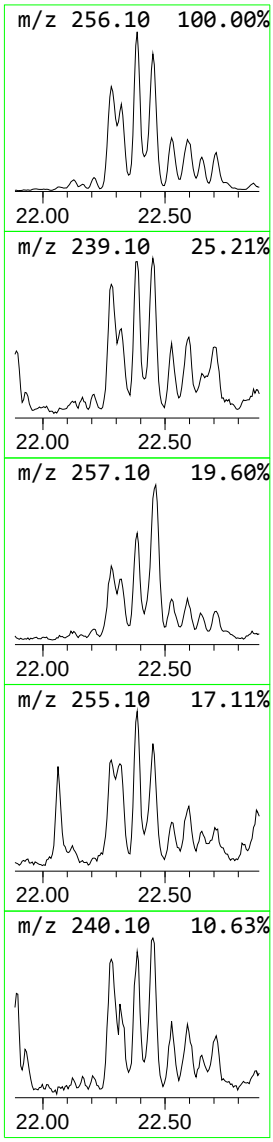
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3,9-Dimethylbenz[a]anthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.386	2.59 ng/ul	486296	Chrysene-d12	21.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	93
2	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	93
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	91
4	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	91
5	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	87





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Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

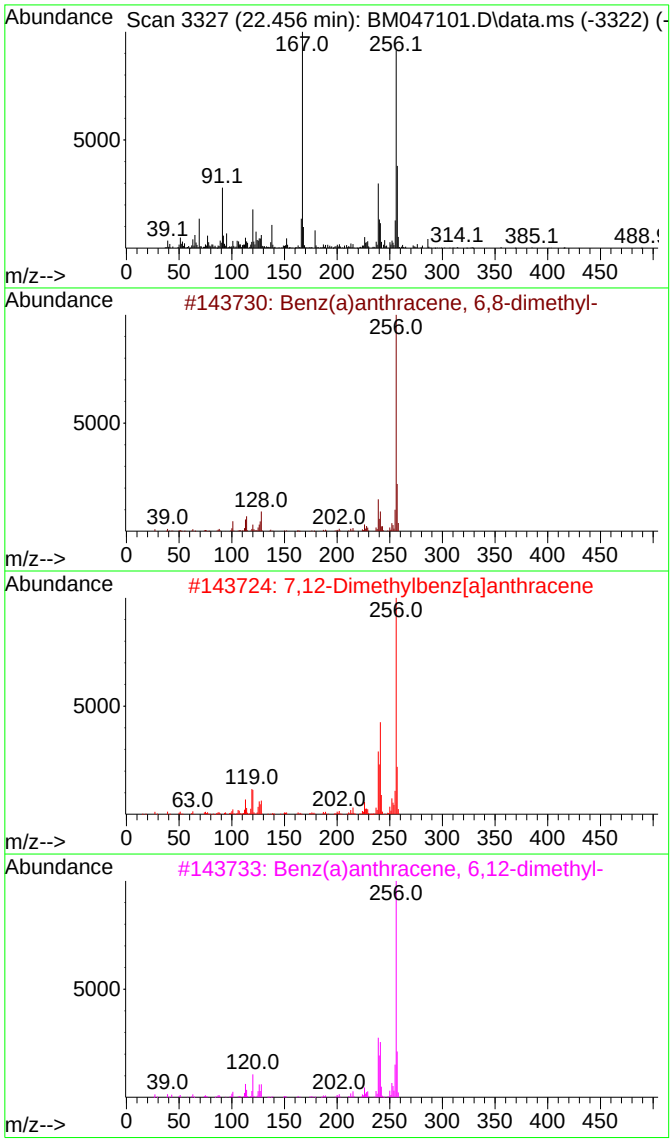
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

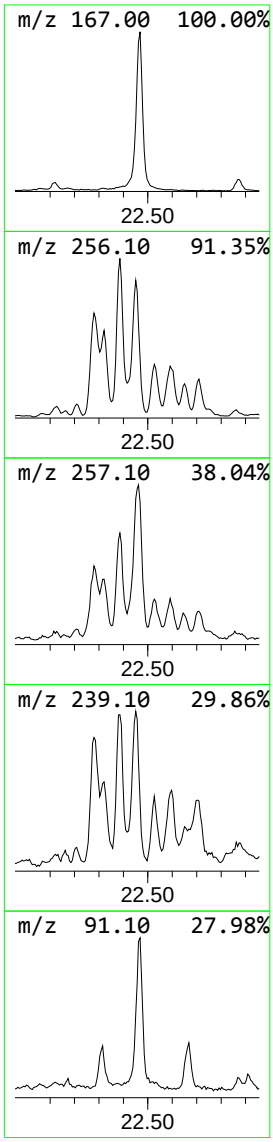
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz(a)anthracene, 6,8-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.456	8.02 ng/ul	1510450	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	70
2	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	64
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	64
4	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	53
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047101.D
Acq On : 09 Aug 2024 01:30
Operator : RC/JU
Sample : P3434-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E05Z2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.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
Pyrene, 1-methyl-	19.903	3.7	ng/ul	699738	5	21.033	3756150	20.0
o-Terphenyl	20.503	2.1	ng/ul	395837	5	21.033	3756150	20.0
2,2'-Bi-1H-indene	20.592	3.0	ng/ul	561189	5	21.033	3756150	20.0
Carbonic acid, ...	20.774	2.2	ng/ul	412741	5	21.033	3756150	20.0
4H-1-Benzopyran...	20.962	37.3	ng/ul	7012090	5	21.033	3756150	20.0
1,1'-Biphenyl, ...	21.156	2.2	ng/ul	410850	5	21.033	3756150	20.0
unknown-01	21.486	2.7	ng/ul	510688	5	21.033	3756150	20.0
Chrysene, 1-met...	21.662	9.8	ng/ul	1844190	5	21.033	3756150	20.0
2-Methylchrysene	21.721	3.9	ng/ul	731049	5	21.033	3756150	20.0
unknown-02	21.797	26.3	ng/ul	4933860	5	21.033	3756150	20.0
Chrysin	22.062	3.1	ng/ul	591069	5	21.033	3756150	20.0
7,12-Dimethylbe...	22.280	2.1	ng/ul	400984	5	21.033	3756150	20.0
3,9-Dimethylben...	22.386	2.6	ng/ul	486296	5	21.033	3756150	20.0
Benz(a)anthrace...	22.456	8.0	ng/ul	1510450	6	23.738	3764550	20.0