LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43T4

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	15	18	23	rVB2	15753	21221	0.96%	0.073%
2	3.470	61	65	74	rBV	29594	56345	2.54%	0.195%
3	3.599	84	87	101	rBV	136643	266663	12.04%	0.923%
4	3.881	131	135	142	rVB5	5647	13388	0.60%	0.046%
5	6.693	607	613	617	rBV5	3545	7230	0.33%	0.025%
6	6.787	623	629	645	rBV	170408	400763	18.10%	1.387%
7	6.946	651	656	669	rBV	161163	285651	12.90%	0.988%
8	7.134	681	688	706	rBV	222041	424318	19.16%	1.468%
9	7.587	758	765	782	rBV	281372	530678	23.97%	1.836%
10	8.305	881	887	908	rBV2	222807	513007	23.17%	1.775%
11	8.757	956	964	978	rBV	207162	428464	19.35%	1.483%
12	9.352	1058	1065	1075	rBV	6734	22711	1.03%	0.079%
13	9.469	1078	1085	1101	rVV	172918	370406	16.73%	1.282%
14	10.010	1170	1177	1204	rBV	191786	557053	25.16%	1.928%
15	10.216	1207	1212	1220	rBV5	8063	21759	0.98%	0.075%
16	10.357	1230	1236	1243	rBV	418366	760319	34.34%	2.631%
17	10.534	1258	1266	1285	rBV	188542	503591	22.74%	1.743%
18	10.987	1338	1343	1348	rBV8	3353	8760	0.40%	0.030%
19	11.175	1365	1375	1388	rBV3	18073	61325	2.77%	0.212%
20	11.987	1507	1513	1520	rVV4	5258	11073	0.50%	0.038%
21	12.063	1520	1526	1536	rVB	9388	22340	1.01%	0.077%
22	12.275	1557	1562	1570	rBV2	9590	20134	0.91%	0.070%
23	12.440	1582	1590	1601	rVB2	3125	9729	0.44%	0.034%
24	13.051	1689	1694	1697	rBV5	3903	6967	0.31%	0.024%
25	13.098	1697	1702	1707	rVV3	6179	14544	0.66%	0.050%
26	13.145	1707	1710	1718	rVB10	3671	7906	0.36%	0.027%
27	13.581	1777	1784	1790	rBV4	6053	12452	0.56%	0.043%
28	13.681	1795	1801	1819	rVV	577754	985589	44.51%	3.410%
29	13.828	1821	1826	1834	rVB7	3788	11004	0.50%	0.038%
30	13.951	1834	1847	1866	rBV	649538	1104421	49.88%	3.822%
31	14.263	1893	1900	1907	rBV	716253	1125671	50.84%	3.895%
32	14.328	1907	1911	1918	rVB	56336	91169	4.12%	0.315%
33	14.504	1928	1941	1945	rBV4	34421	91504	4.13%	0.317%
34	14.557	1945	1950	1953	rBV3	81967	159058	7.18%	0.550%
35	14.687	1968	1972	1983	rVB	44054	93790	4.24%	0.325%
36	15.087	2035	2040	2044	rBV7	4336	8817	0.40%	0.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43T4

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	15.140	2044	2049	2055	rVB2	8972	15103	0.68%	0.052%
38	15.287	2067	2074	2081	rVV	834835	1353393	61.12%	4.683%
39	15.351	2081	2085	2097	rVB2	65274	119223	5.38%	0.413%
40	15.457	2097	2103	2120	rBV	224833	491552	22.20%	1.701%
41	15.657	2134	2137	2144	rVB	14890	23028	1.04%	0.080%
42	15.816	2157	2164	2171	rBV3	17092	38681	1.75%	0.134%
43	15.898	2171	2178	2182	rVB8	5522	10896	0.49%	0.038%
44	16.281	2240	2243	2249	rVB6	6468	8035	0.36%	0.028%
45	16.387	2256	2261	2268	rVB8	13482	35161	1.59%	0.122%
46	16.451	2268	2272	2276	rVB5	6433	9819	0.44%	0.034%
47	16.528	2276	2285	2292	rBV5	9245	23786	1.07%	0.082%
48	16.598	2292	2297	2300	rBV7	6481	10480	0.47%	0.036%
49	16.675	2306	2310	2313	rVB3	8276	10576	0.48%	0.037%
50	16.775	2321	2327	2333	rBV	25497	49974	2.26%	0.173%
51	16.851	2333	2340	2346	rBV4	22353	42314	1.91%	0.146%
52	16.922	2347	2352	2365	rVB	44910	81955	3.70%	0.284%
53	17.039	2369	2372	2378	rVB7	5914	9327	0.42%	0.032%
54	17.116	2378	2385	2388	rBV	1016591	1508841	68.15%	5.221%
55	17.157	2388	2392	2397	rVB	753469	1082486	48.89%	3.746%
56	17.210	2397	2401	2407	rBV	926957	1452986	65.62%	5.028%
57	17.363	2422	2427	2433	rVB5	13043	26919	1.22%	0.093%
58	17.557	2451	2460	2474	rBV2	61400	156962	7.09%	0.543%
59	17.669	2476	2479	2484	rVV3	7399	12715	0.57%	0.044%
60	17.839	2505	2508	2512	rVV4	7343	9472	0.43%	0.033%
61	18.039	2535	2542	2543	rBV	57492	79775	3.60%	0.276%
62	18.069	2543	2547	2557	rVB2	263505	498345	22.51%	1.724%
63	18.175	2562	2565	2570	rVV	28315	48375	2.18%	0.167%
64	18.233	2570	2575	2580	rVV2	84300	151555	6.84%	0.524%
65	18.281	2580	2583	2594	rVB	38831	72293	3.27%	0.250%
66	18.375	2596	2599	2604	rBV7	10879	15771	0.71%	0.055%
67	18.428	2604	2608	2612	rBV6	11880	19876	0.90%	0.069%
68	18.569	2627	2632	2637	rBV	47402	71021	3.21%	0.246%
69	18.628	2638	2642	2650	rVB2	44607	67034	3.03%	0.232%
70	18.828	2672	2676	2680	rVB3	10813	15028	0.68%	0.052%
71	18.875	2681	2684	2688	rVB2	8345	8547	0.39%	0.030%
72	18.916	2688	2691	2697	rVB7	13768	18477	0.83%	0.064%
73	18.998	2700	2705	2710	rBV2	26857	47606	2.15%	0.165%
74	19.163	2726	2733	2739	rBV5	38903	67373	3.04%	0.233%
75	19.275	2743	2752	2763	rBV	756779	1192959	53.88%	4.128%
76	19.422	2772	2777	2788	rBV4	103062	176450	7.97%	0.611%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	19.528	2790	2795	2800	rVB2	36490	60898	2.75%	0.211%
78	19.622	2805	2811	2814	rVV	1316278	2118032	95.66%	7.329%
79	19.651	2814	2816	2823	rVB	639705	834323	37.68%	2.887%
80	19.739	2828	2831	2838	rVB3	33287	58375	2.64%	0.202%
81	19.857	2847	2851	2857	rVB	38148	54411	2.46%	0.188%
82	19.998	2870	2875	2876	rBV2	30528	46056	2.08%	0.159%
83	20.139	2895	2899	2902	rBV5	26011	49958	2.26%	0.173%
84	20.180	2902	2906	2911	rVB2	60992	100610	4.54%	0.348%
85	20.292	2921	2925	2929	rVB	30850	38789	1.75%	0.134%
86	20.345	2929	2934	2938	rBV3	56721	100579	4.54%	0.348%
87	20.492	2956	2959	2962	rBV2	23979	30507	1.38%	0.106%
88	20.539	2964	2967	2973	rVV4	27110	46712	2.11%	0.162%
89	20.704	2993	2995	2998	rVB2	37969	37322	1.69%	0.129%
90	20.992	3041	3044	3049	rVB2	28494	41635	1.88%	0.144%
91	21.169	3070	3074	3077	rBV3	35562	55522	2.51%	0.192%
92	21.210	3079	3081	3086	rVV2	44083	66159	2.99%	0.229%
93	21.280	3090	3093	3101	rVV2	137137	275569	12.45%	0.954%
94	21.345	3101	3104	3111	rVB2	40635	67634	3.05%	0.234%
95	21.604	3139	3148	3153	rBV2	1165184	2214157	100.00%	7.662%
96	21.651	3153	3156	3166	rVB	252162	458152	20.69%	1.585%
97	23.898	3531	3538	3546	rBV	145594	479196	21.64%	1.658%
98	24.633	3660	3663	3669	rVB	51647	88614	4.00%	0.307%
99	24.715	3669	3677	3686	rBV2	619892	1725685	77.94%	5.971%
100	24.957	3708	3718	3728	rBV	530805	1686239	76.16%	5.835%

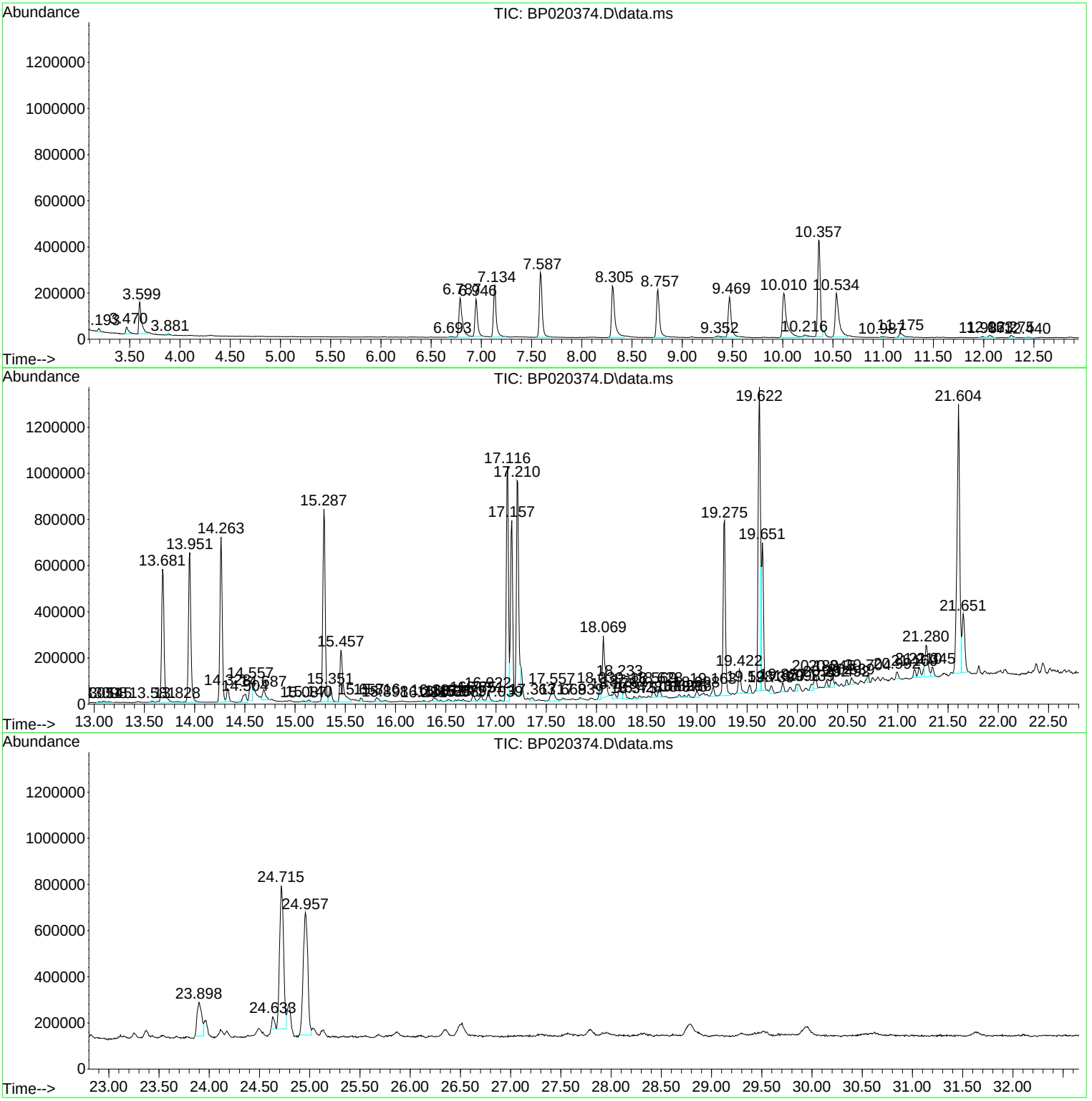
Sum of corrected areas: 28899123

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

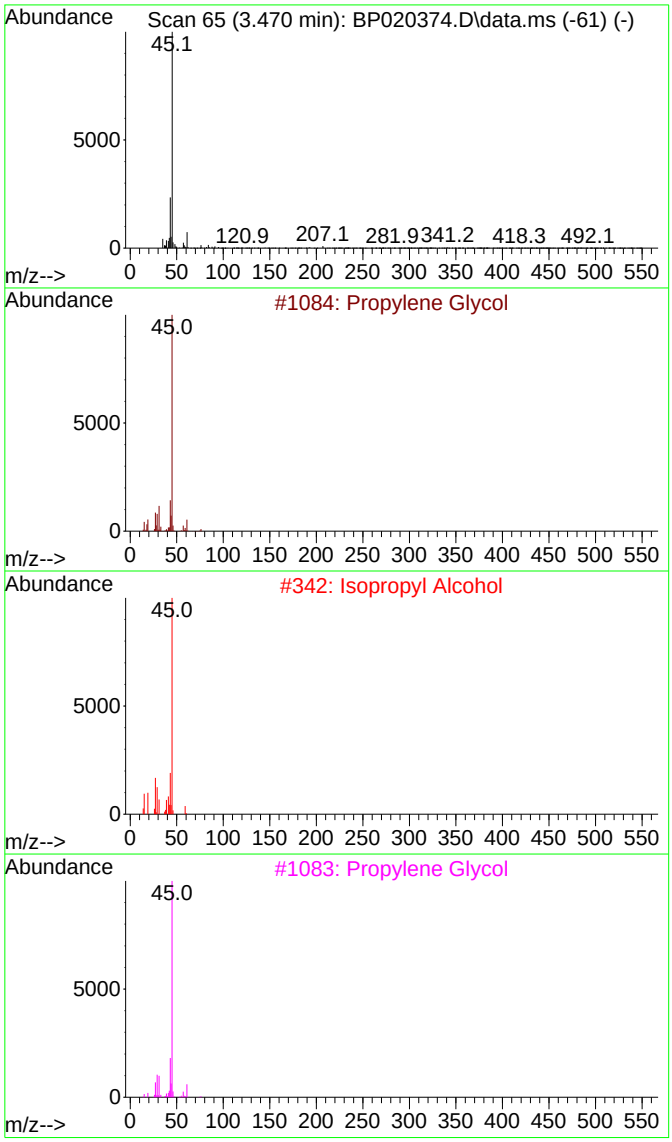
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

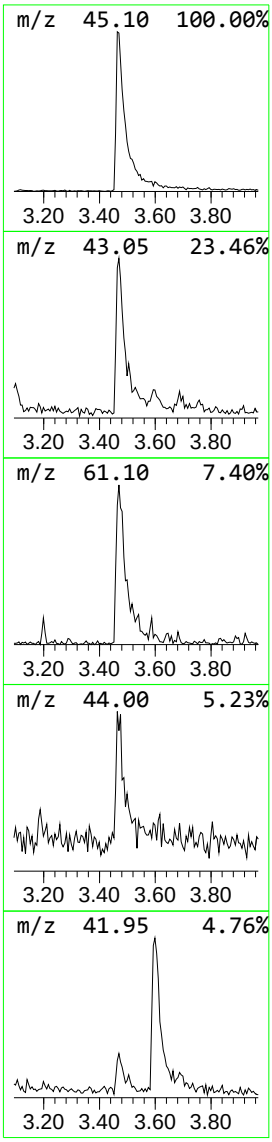
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.470	2.12 ng/ul	56345	1,4-Dichlorobenzene-d4	7.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	56
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Propylene Glycol	76	C3H8O2	000057-55-6	40
4	Propylene Glycol	76	C3H8O2	000057-55-6	40
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

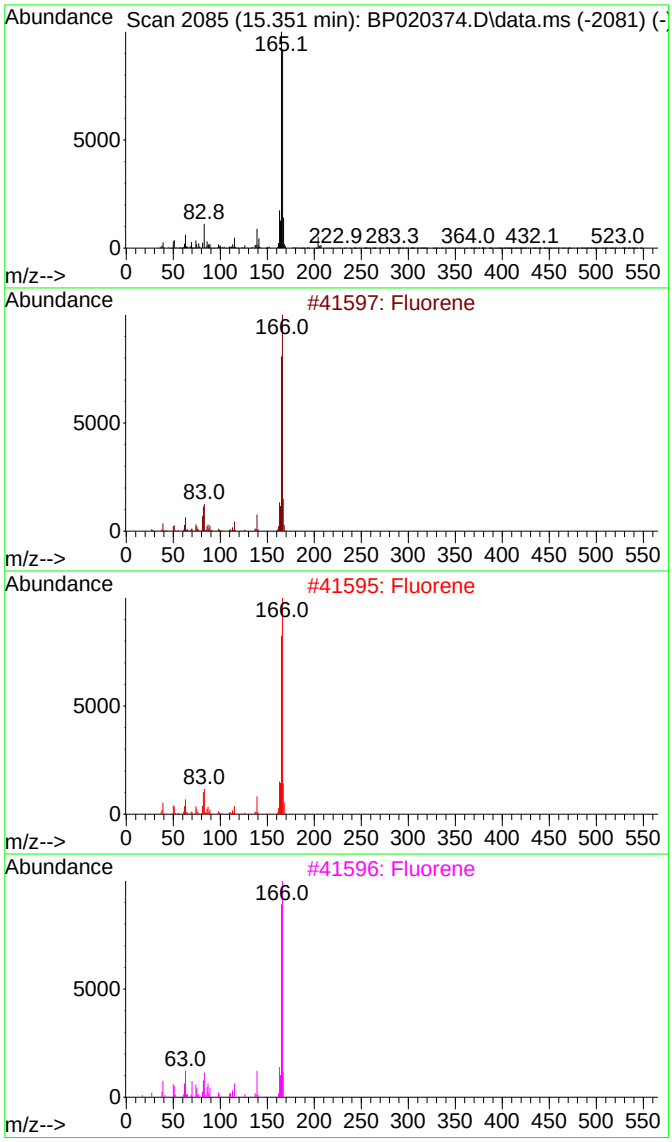
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

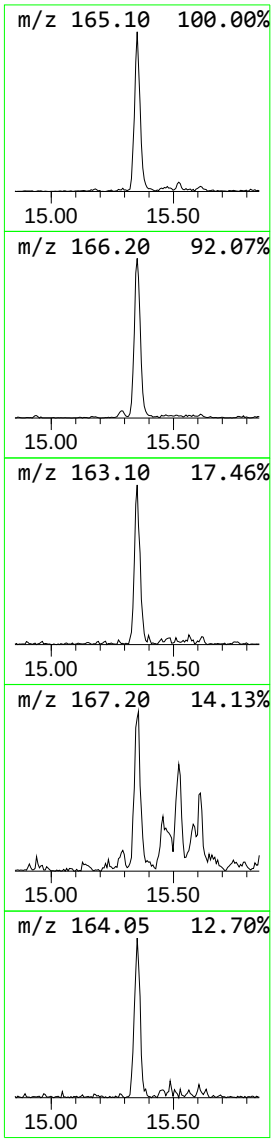
****

Peak Number 2 Fluo rene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	2.12 ng/ul	119223	Acenaphthene-d10	14.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	95
2	Fluorene	166	C13H10	000086-73-7	91
3	Fluorene	166	C13H10	000086-73-7	90
4	Fluorene	166	C13H10	000086-73-7	90
5	Fluorene-9-methanol	196	C14H12O	024324-17-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

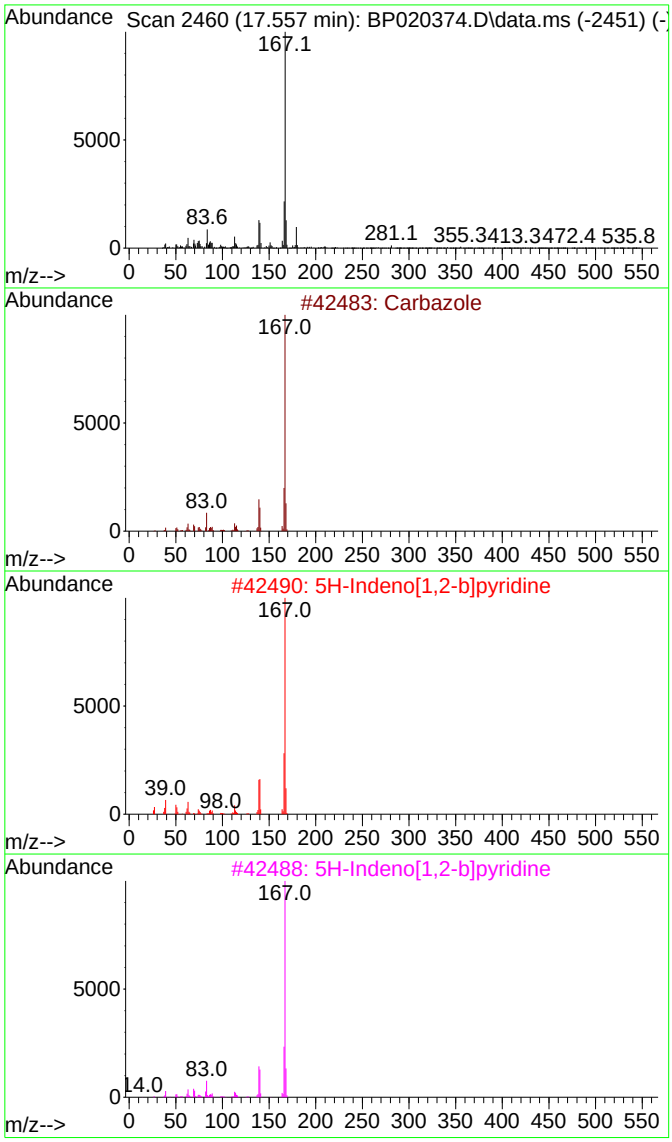
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

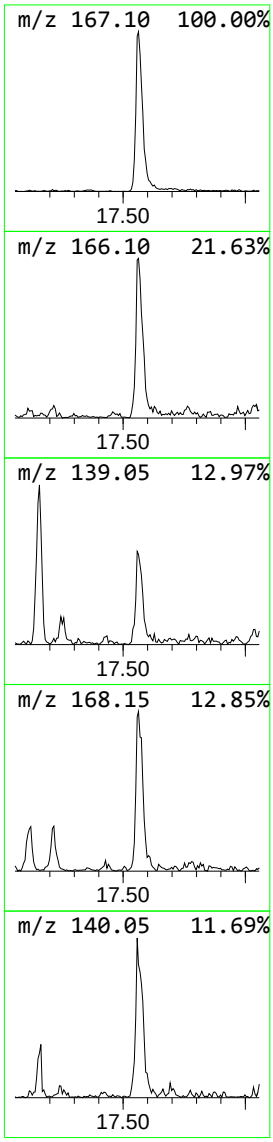
****

Peak Number 3 Carba zole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	2.08 ng/ul	156962	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

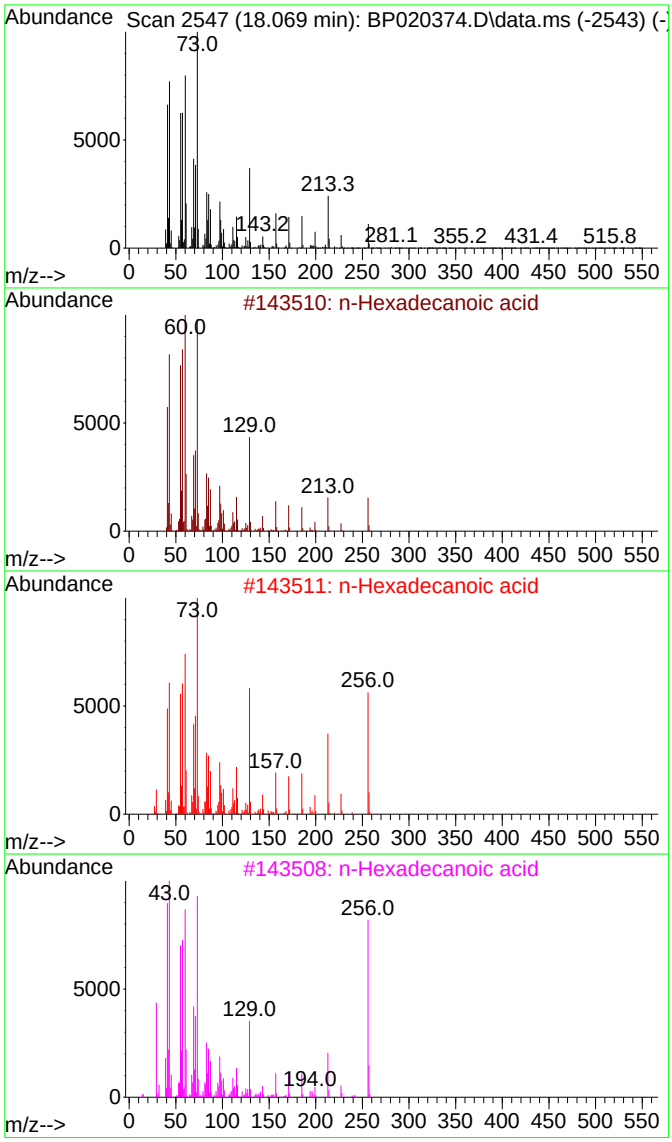
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

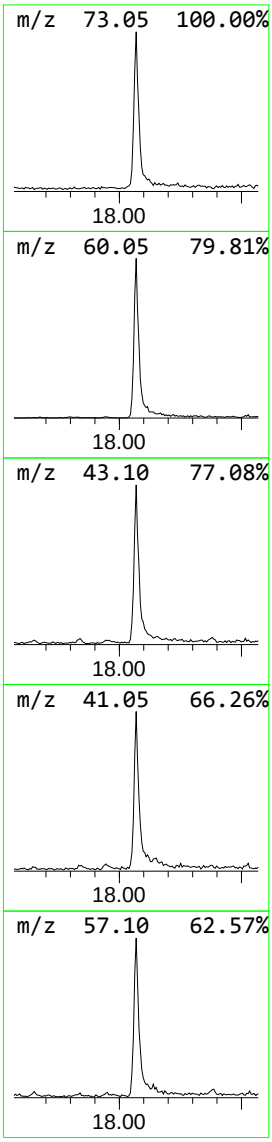
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	6.61 ng/ul	498345	Phenanthrene-d10	17.116

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

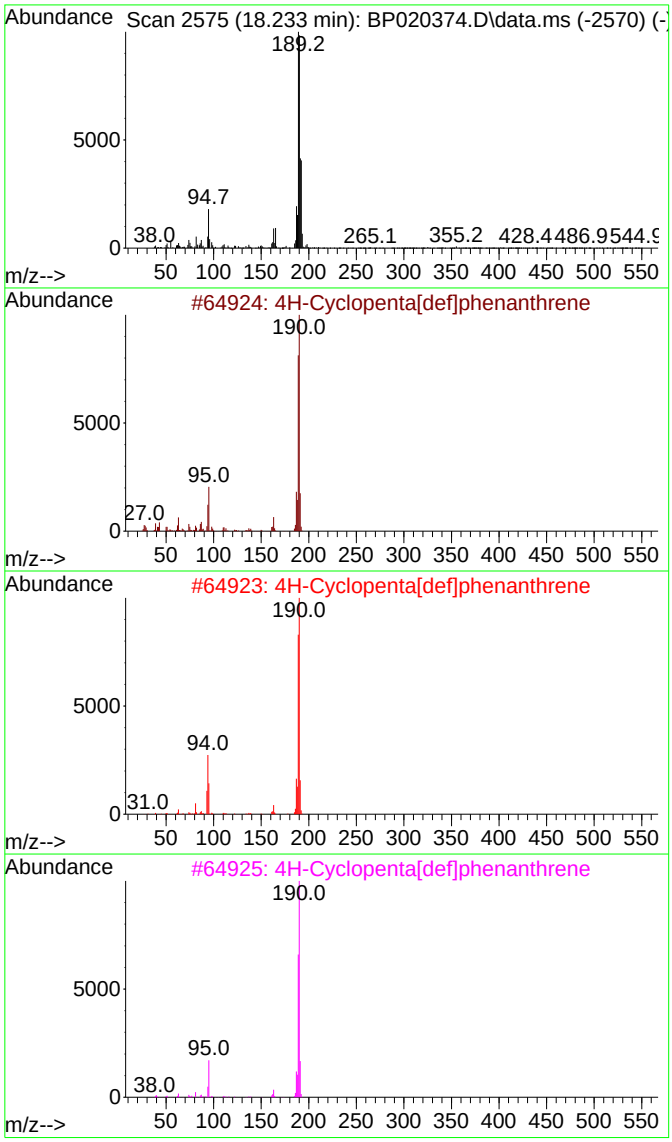
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

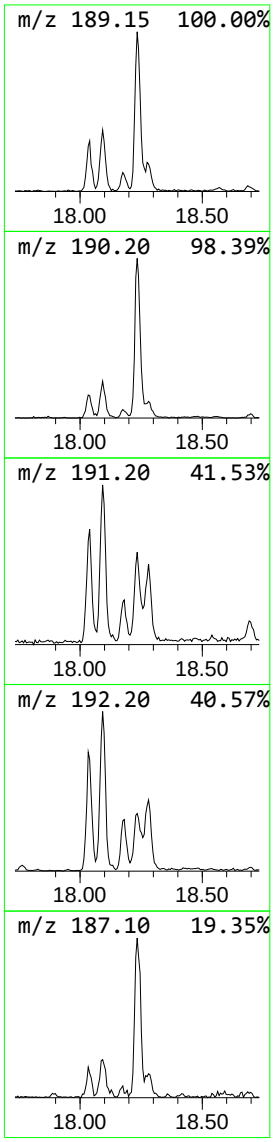
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	2.01 ng/ul	151555	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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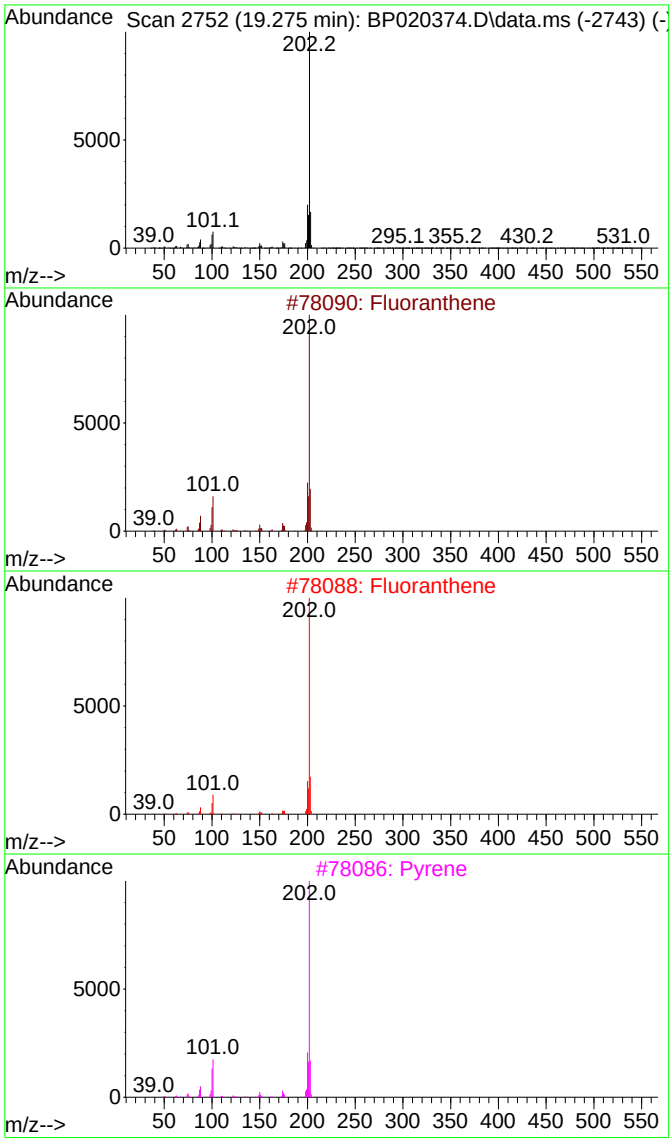
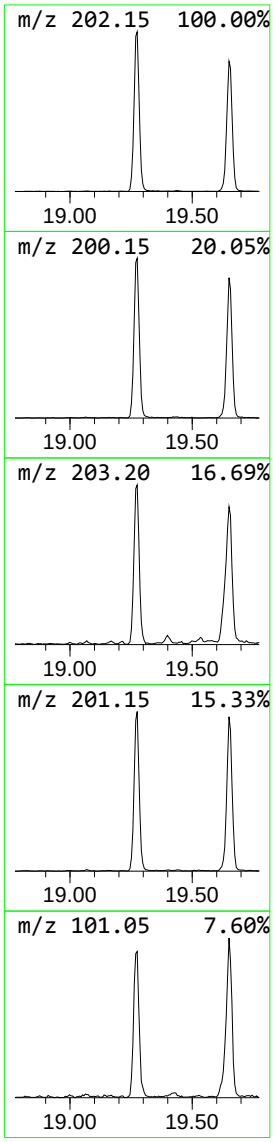
Peak Number 6 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	15.81 ng/ul	1192960	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	94
3	Pyrene	202	C16H10	000129-00-0	91
4	Pyrene	202	C16H10	000129-00-0	90
5	Fluoranthene	202	C16H10	000206-44-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

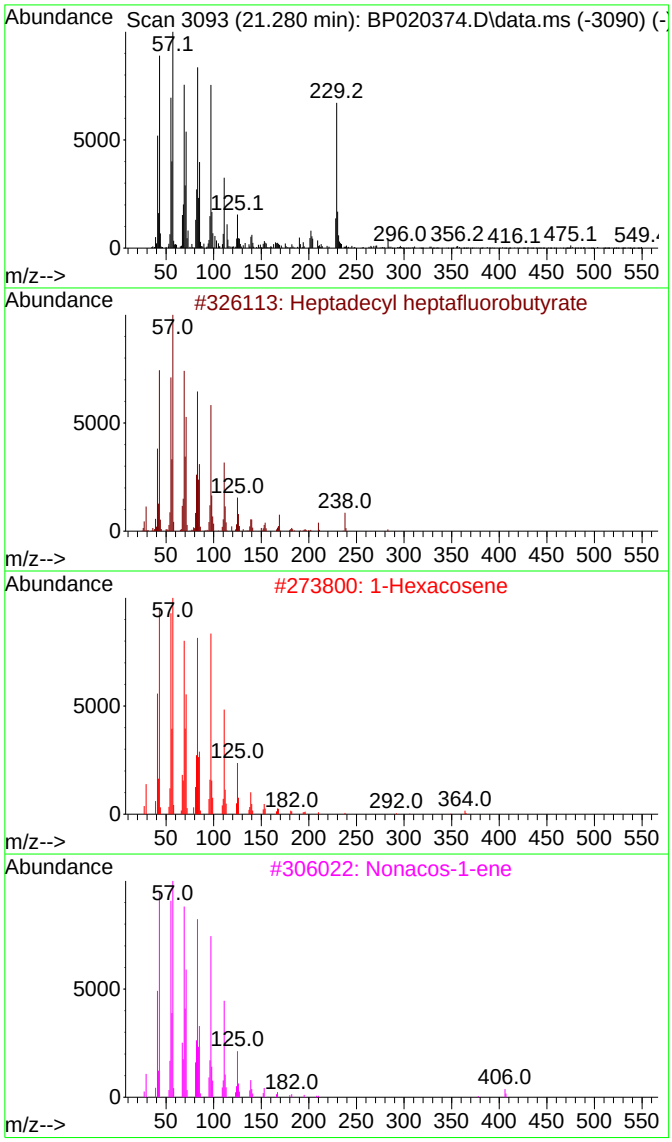
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

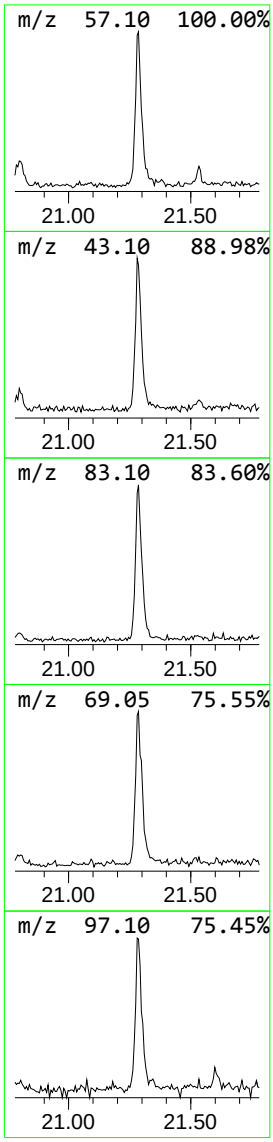
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	2.49 ng/ul	275569	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
2	1-Hexacosene	364	C26H52	018835-33-1	81
3	Nonacos-1-ene	406	C29H58	018835-35-3	81
4	17-Pentatriacontene	491	C35H70	006971-40-0	80
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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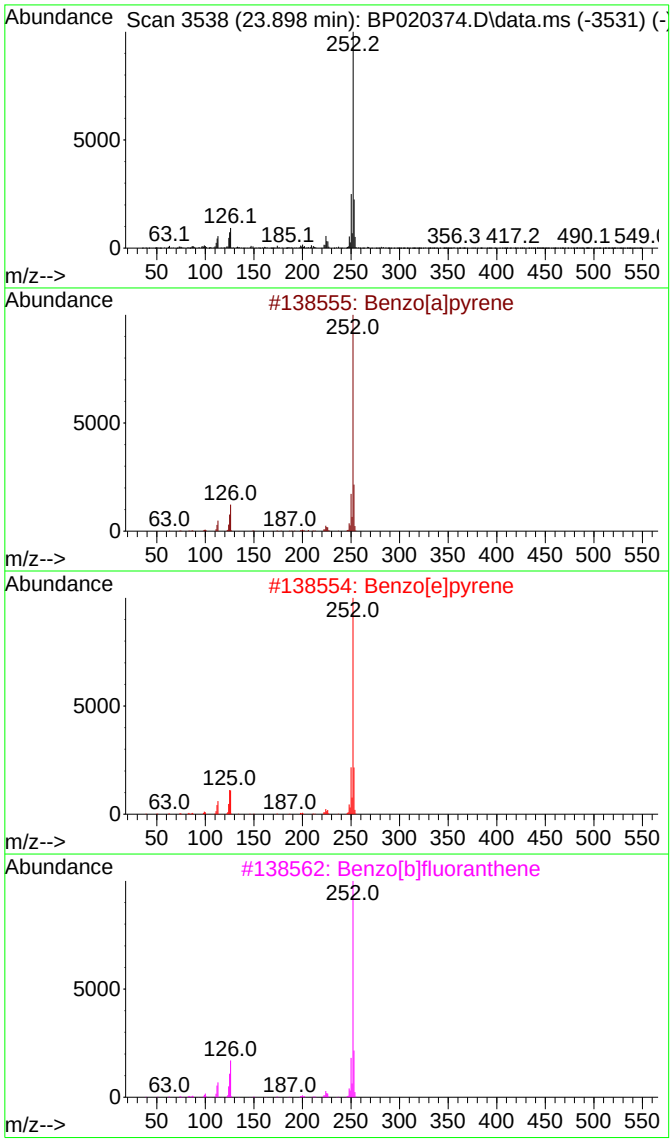
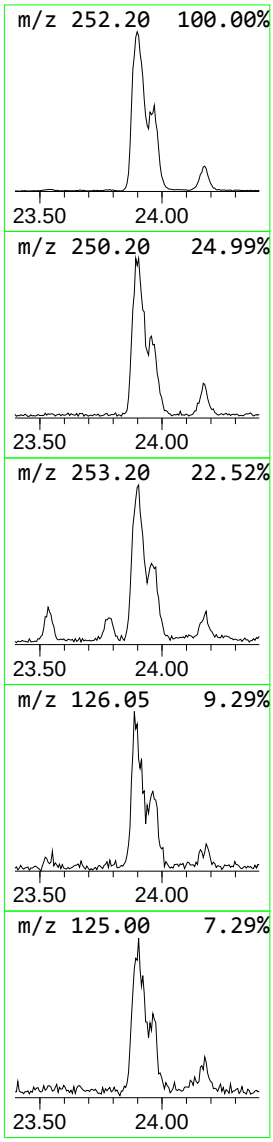
Peak Number 8 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.898	5.68 ng/ul	479196	Perylene-d12	24.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020374.D
Acq On : 14 May 2024 19:51
Operator : MA/JU
Sample : P2372-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Propylene Glycol	3.470	2.1	ng/ul	56345	1	7.587	530678	20.0
Fluo rene	15.351	2.1	ng/ul	119223	3	14.263	1125670	20.0
Carba zole	17.557	2.1	ng/ul	156962	4	17.116	1508840	20.0
n-Hexadecanoic ...	18.069	6.6	ng/ul	498345	4	17.116	1508840	20.0
4H-Cyclopenta[d...	18.233	2.0	ng/ul	151555	4	17.116	1508840	20.0
Fluoran thene	19.275	15.8	ng/ul	1192960	4	17.116	1508840	20.0
Heptadecyl hept...	21.280	2.5	ng/ul	275569	5	21.604	2214160	20.0
Benzo[a]pyrene	23.898	5.7	ng/ul	479196	6	24.962	1686240	20.0