LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKH2

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	309	312	319	rVB	19273	31756	1.53%	0.106%
2	5.840	464	468	475	rVB10	6572	9274	0.45%	0.031%
3	7.046	666	673	684	rBV	243182	474192	22.82%	1.584%
4	7.222	697	703	720	rVB	200390	342893	16.50%	1.146%
5	7.398	726	733	744	rBV	274990	468130	22.53%	1.564%
6	7.875	805	814	824	rBV	569940	910187	43.80%	3.041%
7	8.416	897	906	912	rBV2	21776	42149	2.03%	0.141%
8	8.604	931	938	949	rBV2	232648	428803	20.64%	1.433%
9	8.734	954	960	970	rVB	153002	260064	12.52%	0.869%
10	8.904	983	989	995	rVB	4334	9877	0.48%	0.033%
11	9.087	1012	1020	1033	rBV	253383	452839	21.79%	1.513%
12	9.798	1134	1141	1161	rBV	220655	395303	19.02%	1.321%
13	9.975	1166	1171	1183	rBV	19799	56364	2.71%	0.188%
14	10.169	1198	1204	1212	rBV2	19204	38569	1.86%	0.129%
15	10.328	1224	1231	1244	rBV	284241	537103	25.85%	1.794%
16	10.704	1288	1295	1301	rBV	708298	1170013	56.30%	3.909%
17	10.757	1301	1304	1311	rVB	32169	56616	2.72%	0.189%
18	10.887	1320	1326	1336	rBV	154969	302253	14.55%	1.010%
19	11.298	1388	1396	1400	rBV	6584	19117	0.92%	0.064%
20	11.557	1435	1440	1446	rVV5	5444	12741	0.61%	0.043%
21	11.763	1467	1475	1476	rBV8	5675	10099	0.49%	0.034%
22	12.269	1557	1561	1564	rVV5	6560	12141	0.58%	0.041%
23	12.304	1564	1567	1574	rVB6	9222	14510	0.70%	0.048%
24	12.381	1574	1580	1586	rBV	31725	52542	2.53%	0.176%
25	12.598	1612	1617	1622	rVB	14024	22014	1.06%	0.074%
26	13.133	1702	1708	1712	rBV8	2879	6969	0.34%	0.023%
27	13.304	1735	1737	1742	rBV6	4220	6785	0.33%	0.023%
28	13.404	1749	1754	1761	rBV3	61081	107079	5.15%	0.358%
29	13.528	1769	1775	1781	rBV10	6685	15898	0.77%	0.053%
30	13.592	1781	1786	1789	rVV6	5281	7156	0.34%	0.024%
31	13.716	1803	1807	1809	rBV5	9102	11347	0.55%	0.038%
32	13.745	1810	1812	1816	rVV5	10250	12559	0.60%	0.042%
33	13.886	1829	1836	1840	rVV6	8177	16517	0.79%	0.055%
34	13.933	1840	1844	1847	rVV6	7292	12167	0.59%	0.041%
35	13.992	1847	1854	1867	rVV	546816	776439	37.36%	2.594%
36	14.116	1870	1875	1881	rBV6	6114	9291	0.45%	0.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	14.269	1894	1901	1916	rBV3	594363	1032697	49.70%	3.450%
38	14.575	1943	1953	1959	rBV	991654	1432032	68.91%	4.784%
39	14.639	1959	1964	1971	rVB	66493	99486	4.79%	0.332%
40	14.763	1981	1985	1989	rBV7	4055	7696	0.37%	0.026%
41	14.845	1992	1999	2014	rBV	63074	182321	8.77%	0.609%
42	14.980	2016	2022	2027	rVV	77188	128817	6.20%	0.430%
43	15.039	2028	2032	2042	rVB10	14974	34801	1.67%	0.116%
44	15.186	2052	2057	2061	rBV8	4635	10100	0.49%	0.034%
45	15.363	2083	2087	2089	rBV3	6702	7017	0.34%	0.023%
46	15.386	2089	2091	2098	rVB8	5025	8852	0.43%	0.030%
47	15.457	2098	2103	2107	rVB7	4153	6293	0.30%	0.021%
48	15.580	2116	2124	2130	rBV	771443	1098558	52.87%	3.670%
49	15.633	2130	2133	2140	rVB	90446	131731	6.34%	0.440%
50	15.733	2145	2150	2157	rBV	92733	149138	7.18%	0.498%
51	15.927	2179	2183	2188	rVB	19691	27843	1.34%	0.093%
52	16.074	2202	2208	2216	rBV2	20862	51410	2.47%	0.172%
53	16.163	2220	2223	2230	rVB9	7059	13742	0.66%	0.046%
54	16.239	2232	2236	2240	rBV3	26053	41161	1.98%	0.138%
55	16.351	2250	2255	2260	rVB2	23844	35243	1.70%	0.118%
56	16.639	2296	2304	2309	rVB7	13512	30955	1.49%	0.103%
57	16.704	2311	2315	2318	rVV5	4680	6702	0.32%	0.022%
58	16.869	2340	2343	2348	rBV6	7578	14330	0.69%	0.048%
59	16.933	2352	2354	2361	rVB4	14298	20104	0.97%	0.067%
60	17.033	2362	2371	2376	rBV3	39249	97636	4.70%	0.326%
61	17.080	2376	2379	2386	rVB7	23744	42536	2.05%	0.142%
62	17.186	2393	2397	2401	rVB	28114	37765	1.82%	0.126%
63	17.280	2411	2413	2418	rVB6	8150	11769	0.57%	0.039%
64	17.369	2422	2428	2432	rVV	1110963	1561749	75.16%	5.217%
65	17.410	2432	2435	2440	rVV	373438	490156	23.59%	1.637%
66	17.469	2440	2445	2448	rVV	793910	1130450	54.40%	3.777%
67	17.504	2448	2451	2459	rVB	891782	1201731	57.83%	4.015%
68	17.798	2497	2501	2508	rVB	108847	162954	7.84%	0.544%
69	18.139	2556	2559	2561	rVB	9844	8786	0.42%	0.029%
70	18.221	2568	2573	2579	rBV2	145349	266072	12.80%	0.889%
71	18.286	2580	2584	2593	rVB	49740	84844	4.08%	0.283%
72	18.363	2593	2597	2601	rBV	65247	85393	4.11%	0.285%
73	18.433	2603	2609	2613	rBV	140695	219323	10.55%	0.733%
74	18.598	2634	2637	2639	rBV4	12739	18308	0.88%	0.061%
75	18.639	2641	2644	2651	rVB3	30152	50915	2.45%	0.170%
76	18.727	2656	2659	2663	rVB	55134	62767	3.02%	0.210%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKH2

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-BP101823.MA.M
Title : SVOA CALIBRATION

77	18.792	2666	2670	2673	rBV3	77578	102445	4.93%	0.342%
78	19.045	2710	2713	2716	rBV2	38776	49256	2.37%	0.165%
79	19.286	2750	2754	2763	rVB	186150	298346	14.36%	0.997%
80	19.368	2764	2768	2769	rBV2	51678	64699	3.11%	0.216%
81	19.398	2769	2773	2780	rVB	901278	1160078	55.83%	3.876%
82	19.468	2782	2785	2794	rVB5	58423	113546	5.46%	0.379%
83	19.545	2795	2798	2803	rVB	38419	48671	2.34%	0.163%
84	19.604	2804	2808	2811	rBV2	119107	145029	6.98%	0.485%
85	19.727	2823	2829	2832	rBV2	1055295	1579126	75.99%	5.275%
86	19.757	2832	2834	2841	rVB	923330	1070379	51.51%	3.576%
87	19.927	2860	2863	2868	rBV	62636	80407	3.87%	0.269%
88	20.215	2905	2912	2914	rBV6	77648	185173	8.91%	0.619%
89	20.339	2930	2933	2936	rBV	96334	114449	5.51%	0.382%
90	20.533	2963	2966	2971	rBV2	84311	114357	5.50%	0.382%
91	20.639	2981	2984	2987	rBV2	71937	73791	3.55%	0.247%
92	21.151	3067	3071	3073	rBV2	156141	199877	9.62%	0.668%
93	21.186	3074	3077	3081	rVV2	229314	345385	16.62%	1.154%
94	21.227	3081	3084	3090	rVB2	137666	195875	9.43%	0.654%
95	21.515	3126	3133	3137	rBV2	1236895	2078016	100.00%	6.942%
96	21.551	3137	3139	3144	rVB	409312	509424	24.51%	1.702%
97	23.280	3427	3433	3439	rBV2	546102	1379413	66.38%	4.608%
98	23.839	3523	3528	3533	rBV	333441	641242	30.86%	2.142%
99	23.903	3533	3539	3544	rVB	464845	941748	45.32%	3.146%
100	24.074	3562	3568	3574	rBV	643334	1226923	59.04%	4.099%

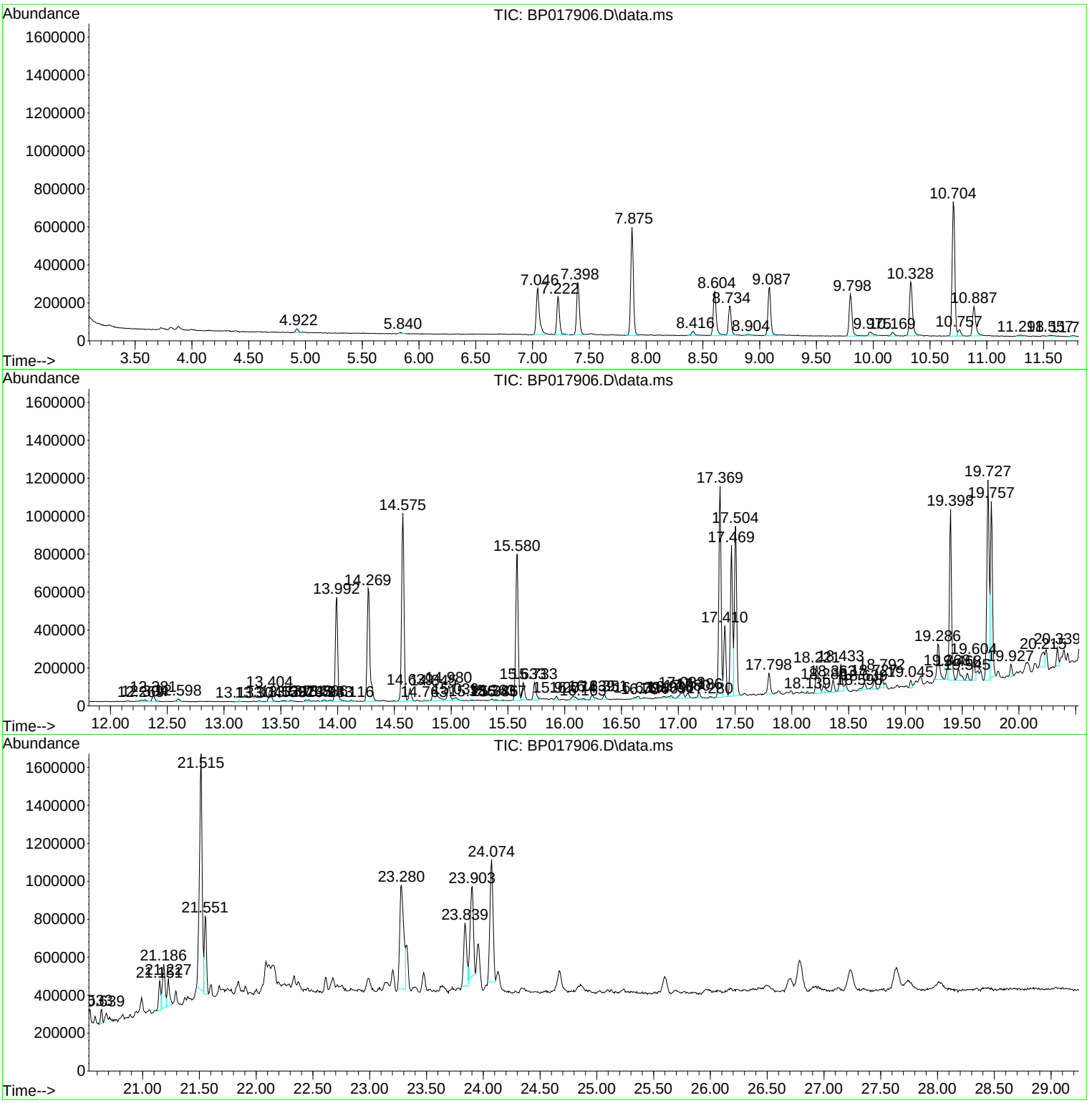
Sum of corrected areas: 29933594

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

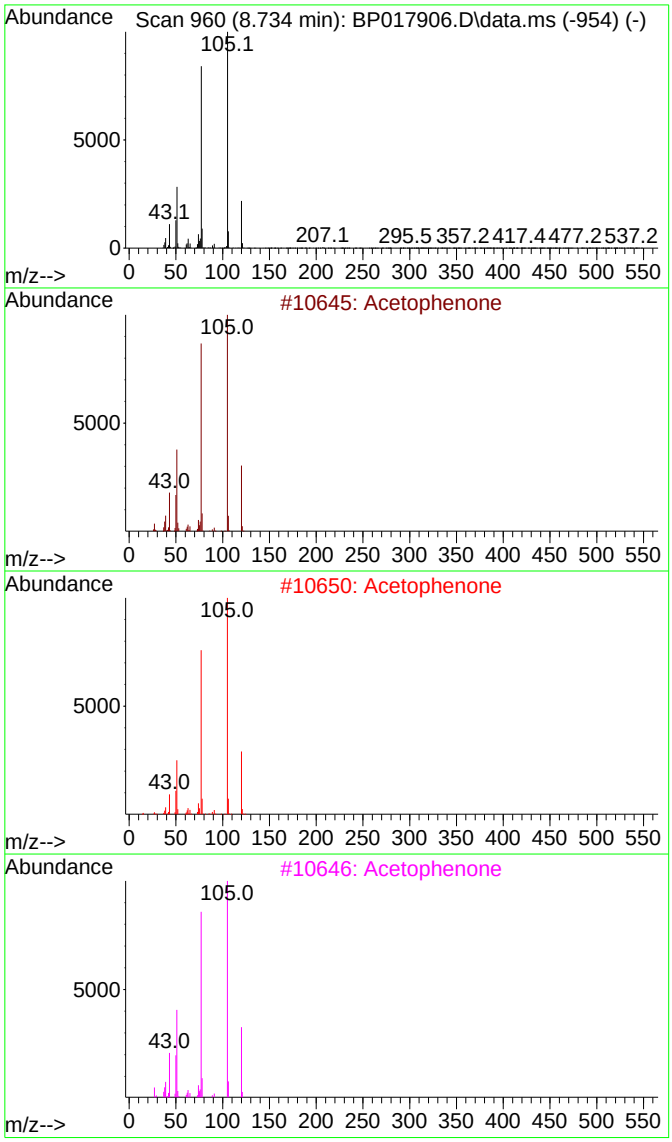
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

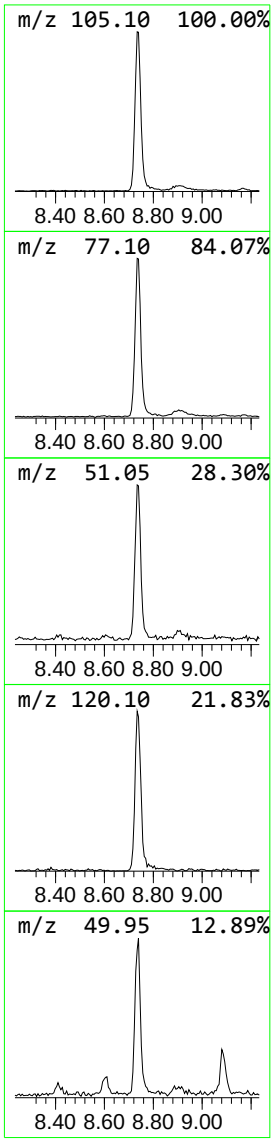
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	5.71 ng/ul	260064	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	93
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

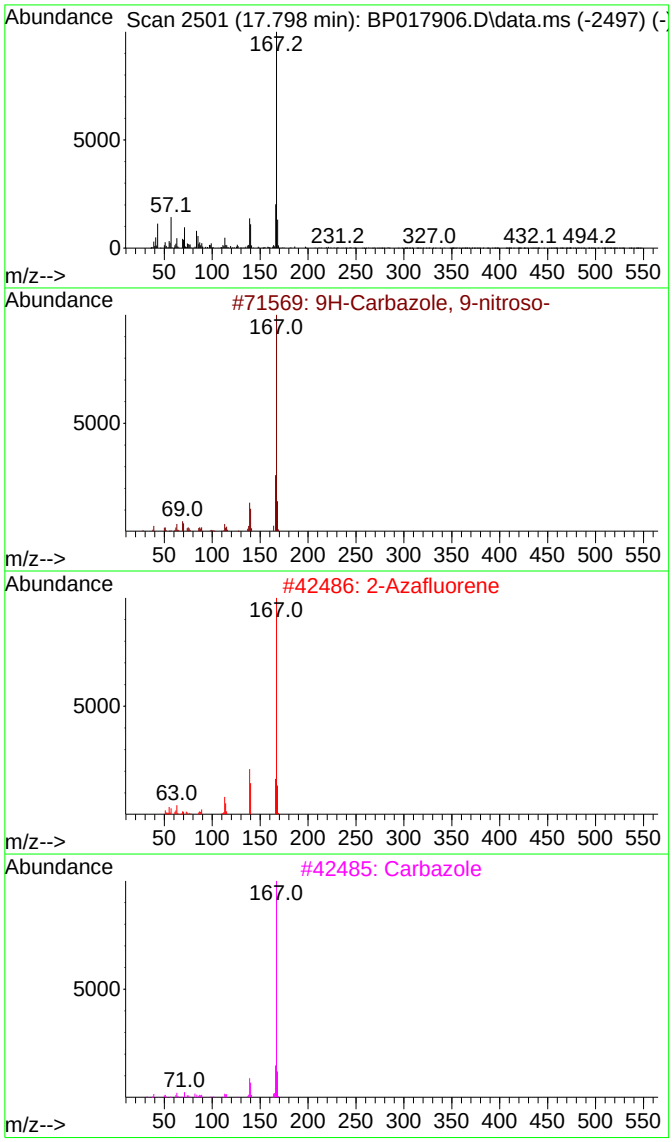
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

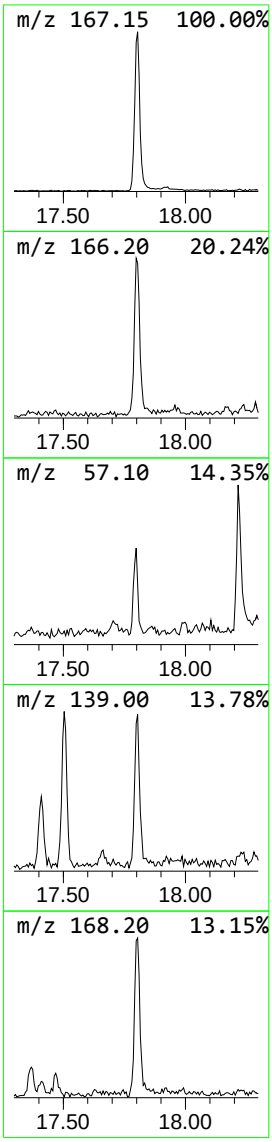
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Carbazole, 9-nitroso- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	2.09 ng/ul	162954	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
2	2-Azafluorene	167	C12H9N	000244-40-6	74
3	Carbazole	167	C12H9N	000086-74-8	74
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	72
5	Carbazole	167	C12H9N	000086-74-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

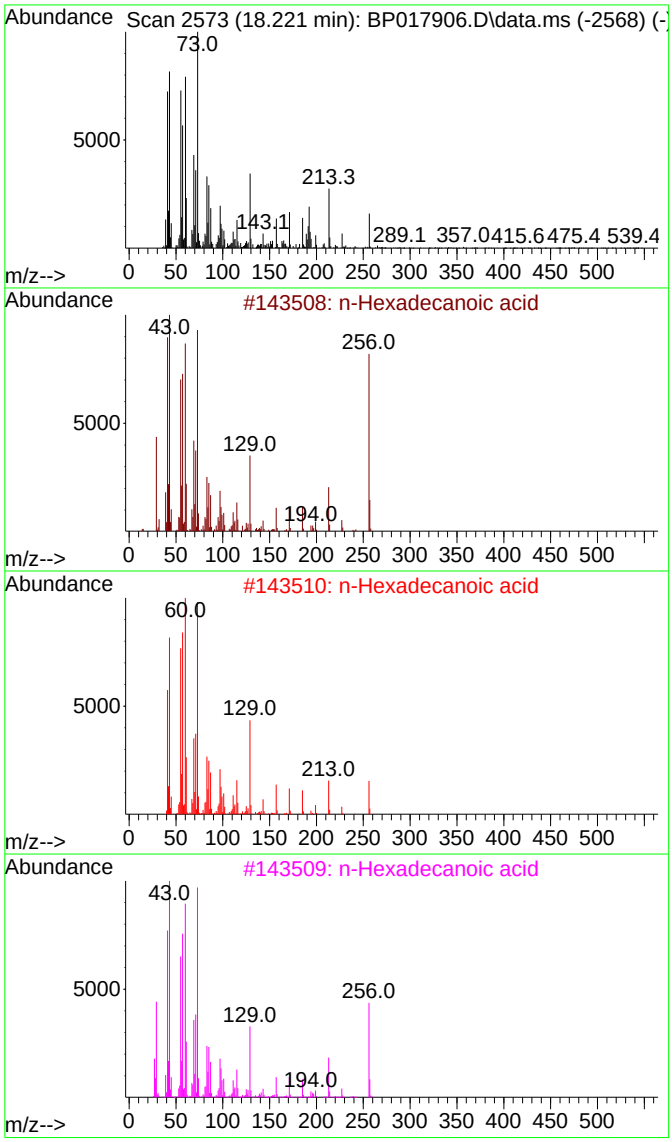
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

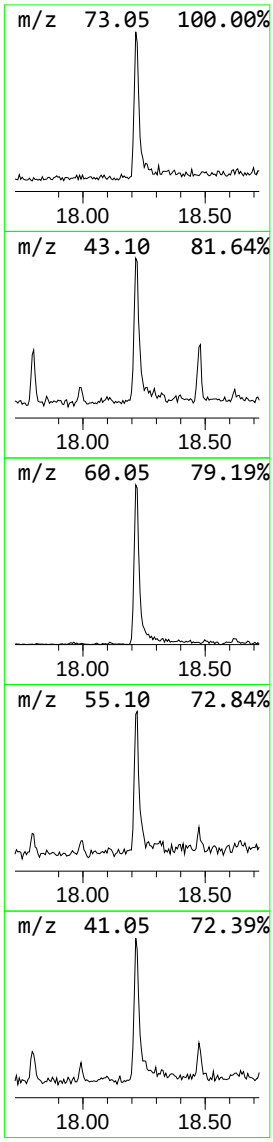
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	3.41 ng/ul	266072	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

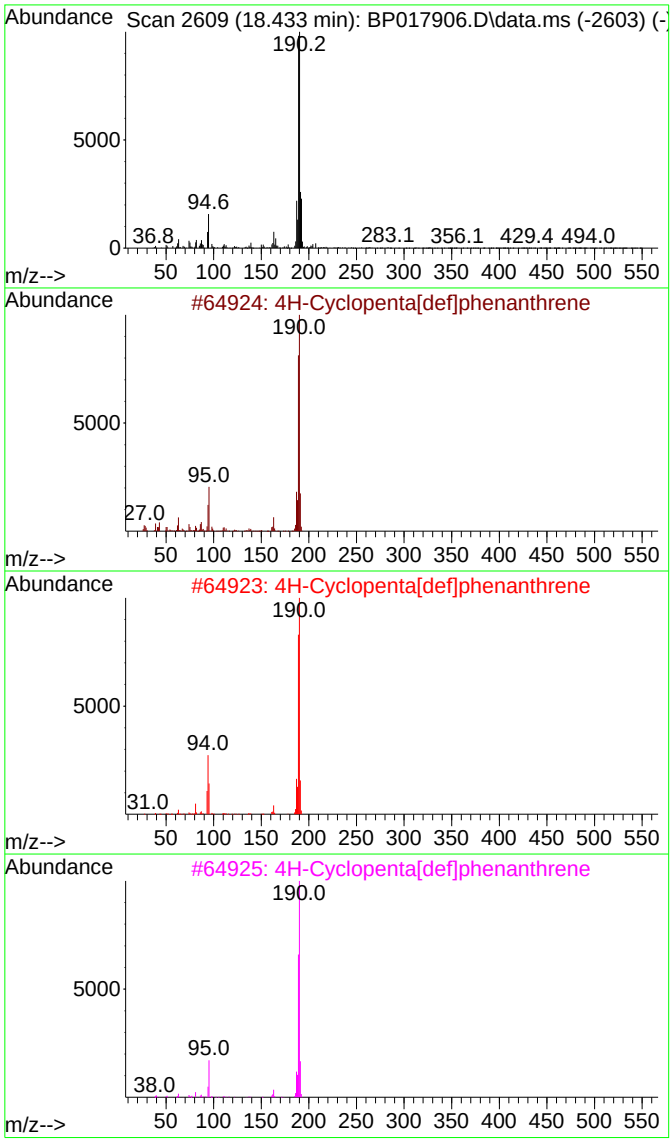
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

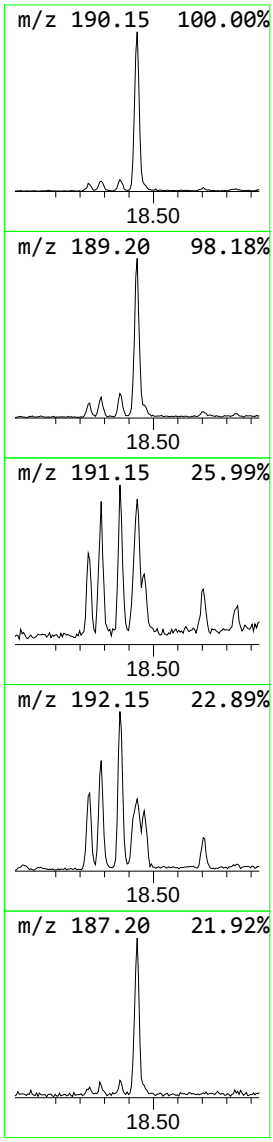
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.81 ng/ul	219323	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

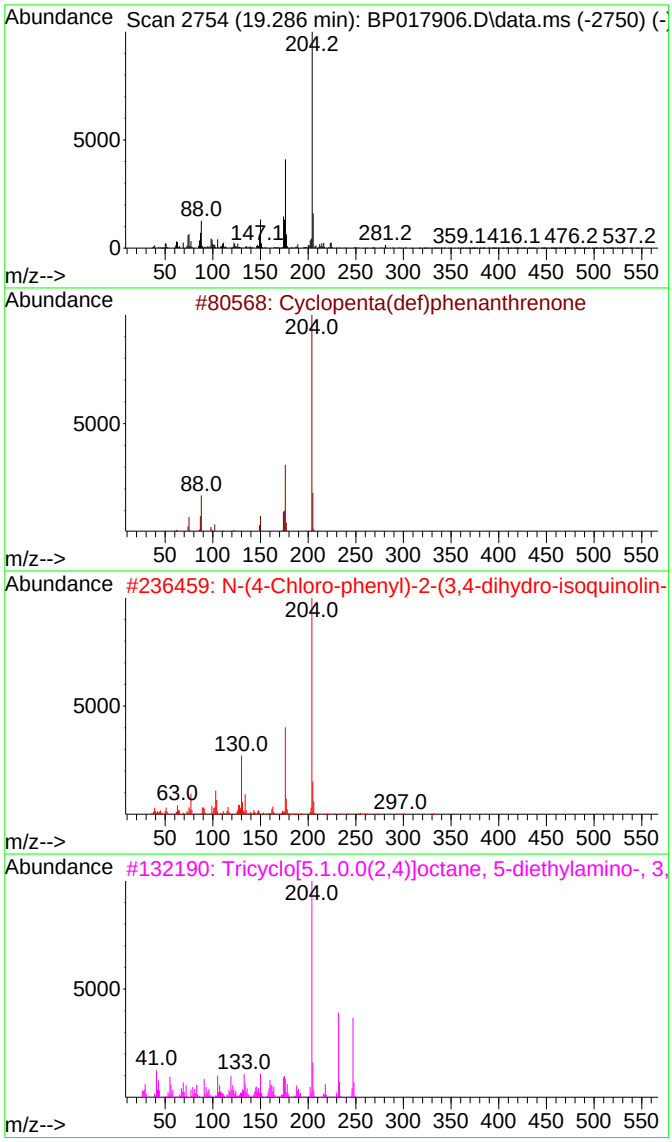
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

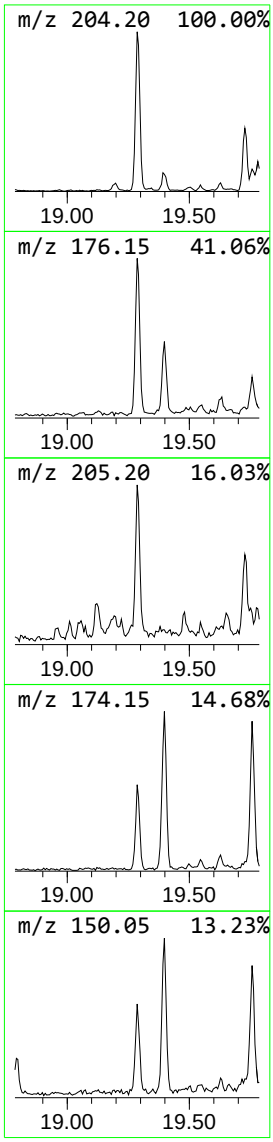
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	3.82 ng/ul	298346	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

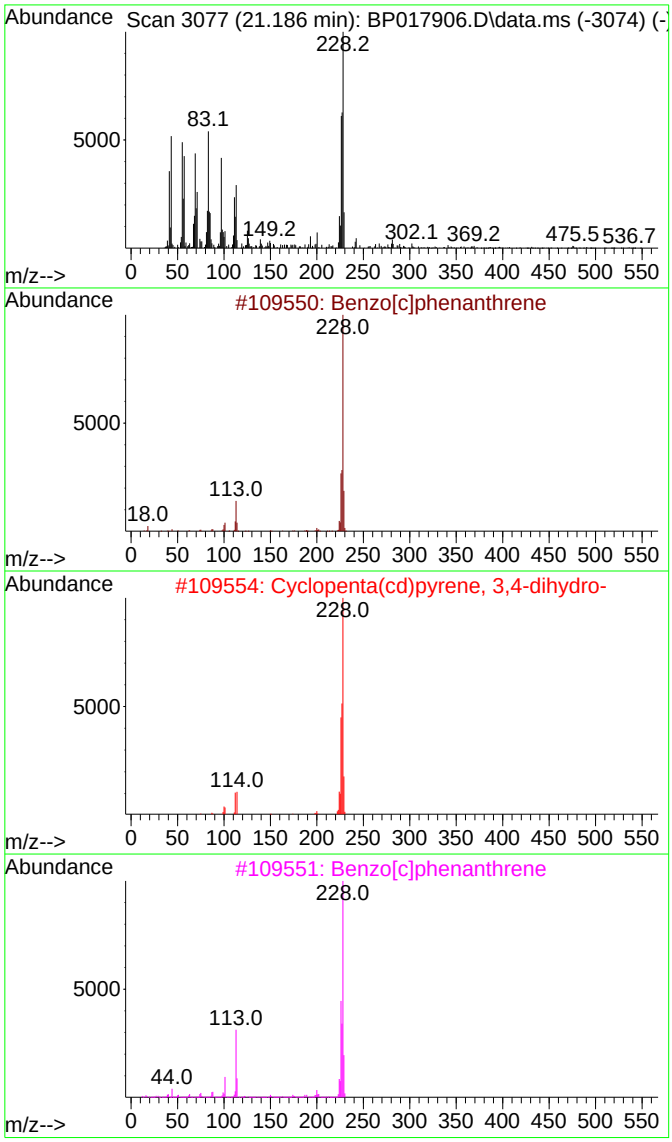
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

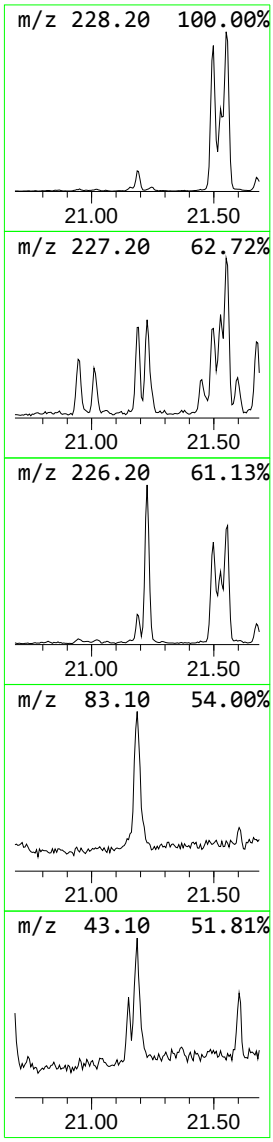
****

Peak Number 6 Benzo[c]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	3.32 ng/ul	345385	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

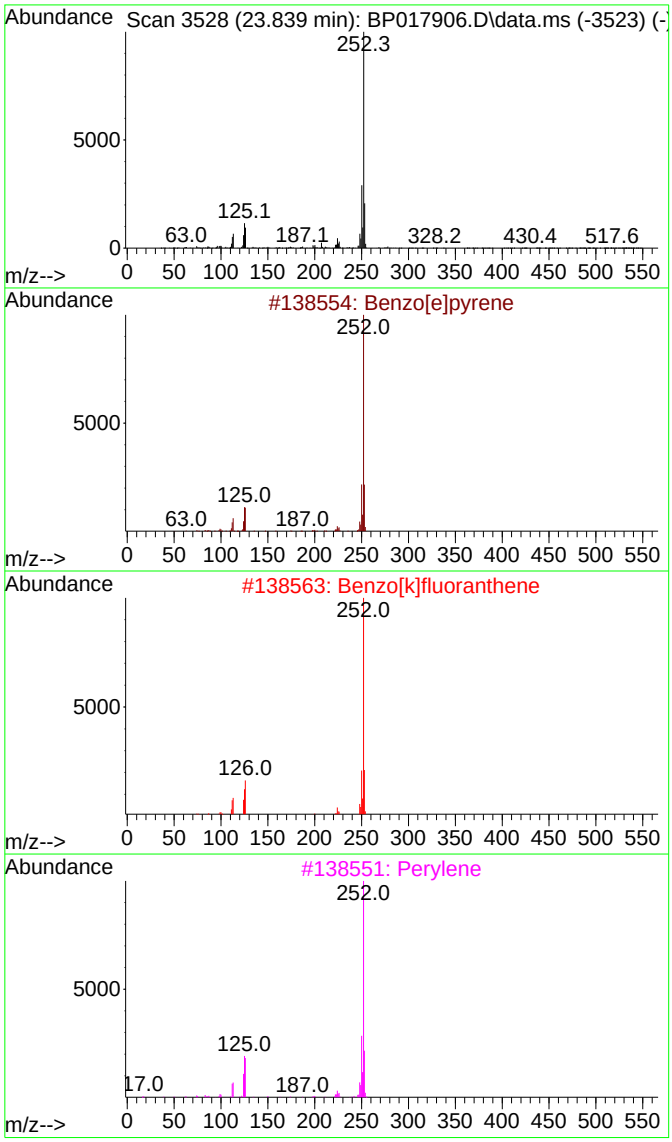
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

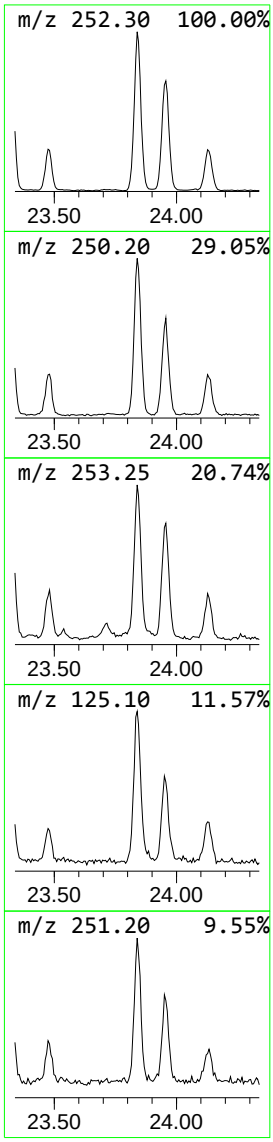
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	10.45 ng/ul	641242	Perylene-d12	24.074

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017906.D
Acq On : 03 Nov 2023 02:47
Operator : MA/JU
Sample : 05060-14
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
Aceto phenone	8.734	5.7	ng/ul	260064	1	7.875	910187	20.0
9H-Carbazole, 9...	17.798	2.1	ng/ul	162954	4	17.369	1561750	20.0
n-Hexadecanoic ...	18.221	3.4	ng/ul	266072	4	17.369	1561750	20.0
4H-Cyclopenta[d...	18.433	2.8	ng/ul	219323	4	17.369	1561750	20.0
Cyclopenta(def)...	19.286	3.8	ng/ul	298346	4	17.369	1561750	20.0
Benzo[c]phenant...	21.186	3.3	ng/ul	345385	5	21.515	2078020	20.0
Benzo[e]pyrene	23.839	10.4	ng/ul	641242	6	24.074	1226920	20.0