LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

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: BP020216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	19	22	34	rVB	17834	31241	1.12%	0.077%
2	3.493	66	69	80	rBV2	20145	43334	1.56%	0.107%
3	3.622	88	91	103	rBV	84024	166601	5.99%	0.412%
4	3.711	103	106	116	rVV	29754	49061	1.76%	0.121%
5	5.311	372	378	389	rVV4	6562	16805	0.60%	0.042%
6	5.658	432	437	445	rBV2	16735	32632	1.17%	0.081%
7	6.810	626	633	651	rVV	267371	575110	20.66%	1.423%
8	6.975	655	661	673	rVV	247149	417557	15.00%	1.033%
9	7.158	686	692	707	rBV	306448	571275	20.53%	1.413%
10	7.269	707	711	720	rVV7	9435	24383	0.88%	0.060%
11	7.622	764	771	781	rVV	361510	623895	22.42%	1.544%
12	8.157	855	862	873	rVB2	11854	25537	0.92%	0.063%
13	8.334	885	892	907	rBV	286063	560841	20.15%	1.388%
14	8.457	907	913	923	rVB	85482	163811	5.89%	0.405%
15	8.781	961	968	981	rBV	339319	614468	22.08%	1.520%
16	9.369	1061	1068	1081	rBV3	16910	44262	1.59%	0.110%
17	9.493	1081	1089	1110	rVV	295958	549983	19.76%	1.361%
18	9.728	1122	1129	1132	rBV6	7883	18150	0.65%	0.045%
19	9.869	1149	1153	1162	rVB7	6792	16654	0.60%	0.041%
20	10.034	1174	1181	1203	rVV	358218	776865	27.91%	1.922%
21	10.393	1232	1242	1249	rBV	506768	934772	33.59%	2.313%
22	10.563	1260	1271	1291	rBV	220888	562706	20.22%	1.392%
23	10.998	1339	1345	1354	rVB	6012	17207	0.62%	0.043%
24	11.175	1365	1375	1389	rBV2	23450	80996	2.91%	0.200%
25	12.075	1523	1528	1534	rBV2	8936	15620	0.56%	0.039%
26	12.304	1557	1567	1573	rBV3	8946	21838	0.78%	0.054%
27	13.169	1708	1714	1723	rVV3	12539	26246	0.94%	0.065%
28	13.604	1782	1788	1793	rBV3	12535	24372	0.88%	0.060%
29	13.704	1793	1805	1819	rVV	907949	1385798	49.79%	3.429%
30	13.981	1844	1852	1865	rBV2	856021	1632244	58.65%	4.038%
31	14.098	1869	1872	1881	rVV2	12216	22335	0.80%	0.055%
32	14.192	1883	1888	1893	rVB3	12731	17987	0.65%	0.045%
33	14.292	1898	1905	1912	rVV	821585	1353574	48.63%	3.349%
34	14.357	1912	1916	1924	rVB4	12877	29271	1.05%	0.072%
35	14.557	1937	1950	1972	rBV2	197063	662746	23.81%	1.640%
36	14.704	1972	1975	1980	rVV6	10806	18403	0.66%	0.046%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

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	14.934	2007	2014	2020	rBV4	18839	43186	1.55%	0.107%
38	15.092	2036	2041	2044	rBV7	11601	23251	0.84%	0.058%
39	15.175	2051	2055	2063	rVB2	23374	48563	1.74%	0.120%
40	15.322	2073	2080	2086	rVV	1177010	1870635	67.21%	4.628%
41	15.469	2100	2105	2118	rBV	335652	611836	21.98%	1.514%
42	15.592	2122	2126	2133	rVB5	23364	42517	1.53%	0.105%
43	15.681	2138	2141	2147	rVB7	7621	14938	0.54%	0.037%
44	16.010	2192	2197	2201	rBV8	9766	15325	0.55%	0.038%
45	16.075	2203	2208	2210	rBV3	47608	88660	3.19%	0.219%
46	16.786	2324	2329	2337	rBV4	32186	62817	2.26%	0.155%
47	16.851	2337	2340	2344	rVV5	22424	38893	1.40%	0.096%
48	16.898	2344	2348	2352	rVV3	38498	64765	2.33%	0.160%
49	16.945	2352	2356	2365	rVB4	51340	93936	3.38%	0.232%
50	17.133	2381	2388	2392	rBV	1178787	1740896	62.55%	4.307%
51	17.175	2392	2395	2400	rVV	286383	385620	13.86%	0.954%
52	17.233	2400	2405	2418	rVB	1388854	2172719	78.07%	5.376%
53	17.328	2418	2421	2426	rBV6	21818	47533	1.71%	0.118%
54	17.580	2457	2464	2469	rBV8	52996	126662	4.55%	0.313%
55	17.669	2475	2479	2487	rVB6	39587	65704	2.36%	0.163%
56	17.969	2526	2530	2534	rBV6	25344	38172	1.37%	0.094%
57	18.051	2539	2544	2546	rVV	83336	124321	4.47%	0.308%
58	18.092	2546	2551	2560	rVB2	544057	933222	33.53%	2.309%
59	18.186	2565	2567	2571	rVV2	55468	73073	2.63%	0.181%
60	18.245	2572	2577	2581	rVV2	169084	307974	11.07%	0.762%
61	18.286	2581	2584	2594	rVB	97331	134294	4.83%	0.332%
62	18.392	2598	2602	2606	rBV3	51694	73010	2.62%	0.181%
63	18.633	2640	2643	2648	rVB2	53143	78526	2.82%	0.194%
64	18.804	2668	2672	2674	rBV4	33497	48190	1.73%	0.119%
65	18.833	2674	2677	2681	rVB	36196	46198	1.66%	0.114%
66	18.886	2682	2686	2689	rBV	87737	95892	3.45%	0.237%
67	18.927	2689	2693	2698	rVB	86342	121531	4.37%	0.301%
68	19.010	2702	2707	2712	rBV	211748	391222	14.06%	0.968%
69	19.063	2712	2716	2721	rBV3	114742	202943	7.29%	0.502%
70	19.110	2721	2724	2728	rVB	68056	76683	2.76%	0.190%
71	19.169	2728	2734	2739	rBV3	130785	290581	10.44%	0.719%
72	19.286	2748	2754	2761	rVB	753067	1088769	39.12%	2.694%
73	19.363	2763	2767	2770	rBV3	45257	61250	2.20%	0.152%
74	19.439	2775	2780	2787	rVB4	302467	535228	19.23%	1.324%
75	19.639	2807	2814	2816	rBV	1740859	2725754	97.94%	6.744%
76	19.669	2816	2819	2828	rVV	971070	1554359	55.85%	3.846%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43L1

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	19.757	2829	2834	2839	rVB2	157787	232339	8.35%	0.575%
78	19.845	2846	2849	2852	rBV3	33226	51436	1.85%	0.127%
79	19.922	2858	2862	2867	rVB3	82566	135395	4.86%	0.335%
80	20.016	2872	2878	2889	rBV4	152784	441243	15.85%	1.092%
81	20.104	2890	2893	2896	rBV4	52585	75145	2.70%	0.186%
82	20.157	2898	2902	2905	rBV3	128532	246915	8.87%	0.611%
83	20.292	2922	2925	2929	rVB	78168	106341	3.82%	0.263%
84	20.357	2932	2936	2941	rVB	201090	321740	11.56%	0.796%
85	20.504	2957	2961	2965	rBV	202946	252786	9.08%	0.625%
86	20.551	2965	2969	2973	rVV	167310	224100	8.05%	0.554%
87	20.774	3004	3007	3010	rBV3	67066	82638	2.97%	0.204%
88	21.180	3074	3076	3081	rVB2	109621	151856	5.46%	0.376%
89	21.227	3082	3084	3088	rVB	80261	81196	2.92%	0.201%
90	21.316	3095	3099	3103	rBV5	142184	233396	8.39%	0.577%
91	21.621	3143	3151	3157	rBV3	1166501	2783159	100.00%	6.886%
92	21.680	3157	3161	3172	rVB	429411	809690	29.09%	2.003%
93	22.392	3278	3282	3290	rVB	182468	340649	12.24%	0.843%
94	22.468	3291	3295	3301	rVV	103065	178662	6.42%	0.442%
95	22.674	3326	3330	3334	rVB	81381	121328	4.36%	0.300%
96	23.910	3534	3540	3548	rBV	228563	671998	24.15%	1.663%
97	24.662	3664	3668	3673	rVB	117172	219712	7.89%	0.544%
98	24.745	3674	3682	3690	rVV2	662049	1860507	66.85%	4.603%
99	24.810	3690	3693	3706	rVB	247060	686022	24.65%	1.697%
100	24.980	3714	3722	3732	rBV	553756	1420826	51.05%	3.515%

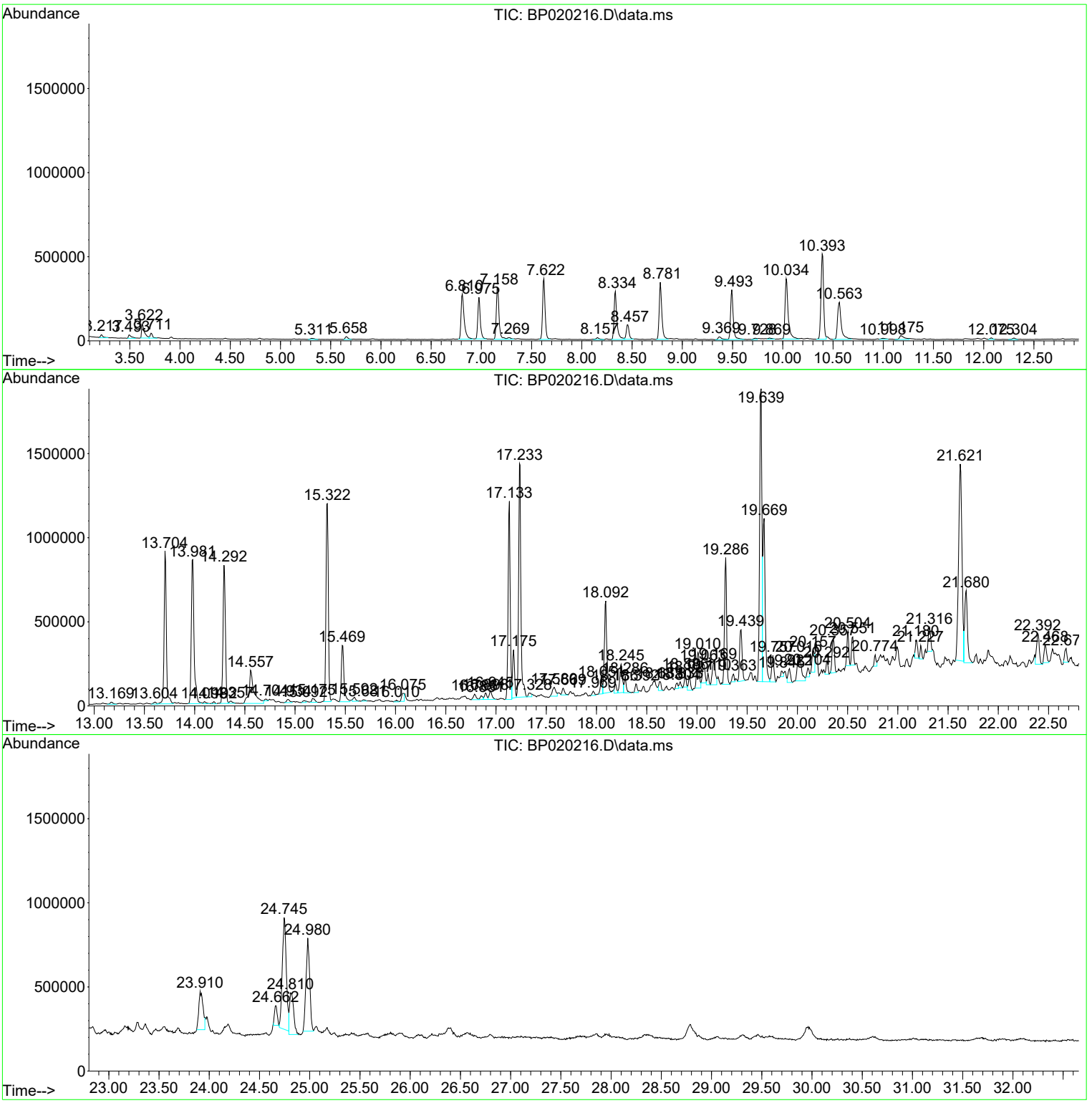
Sum of corrected areas: 40417307

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

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\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

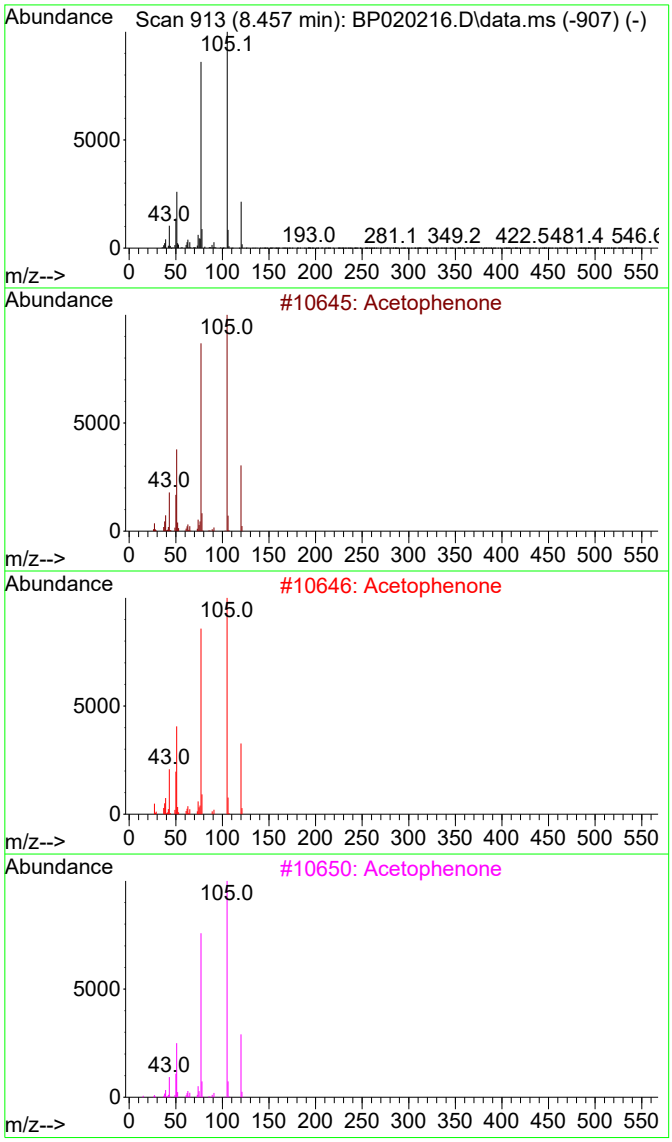
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

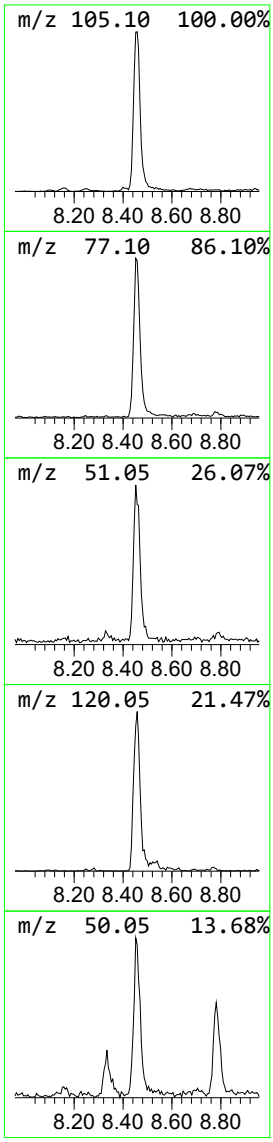
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.457	5.25 ng/ul	163811	1,4-Dichlorobenzene-d4	7.622

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	94
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

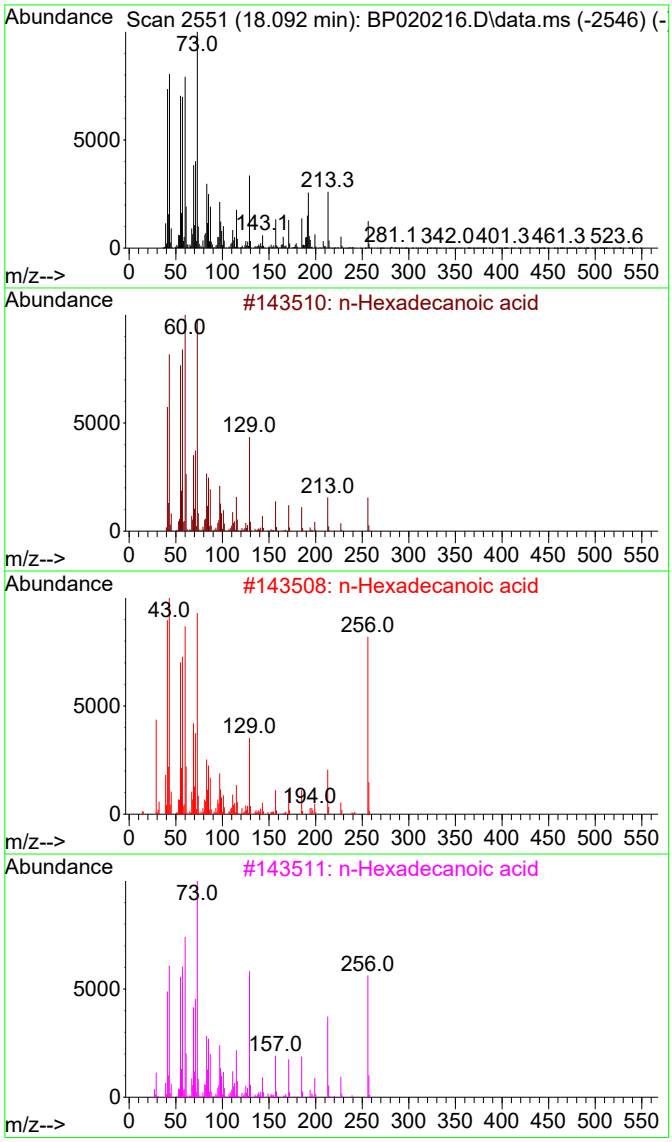
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

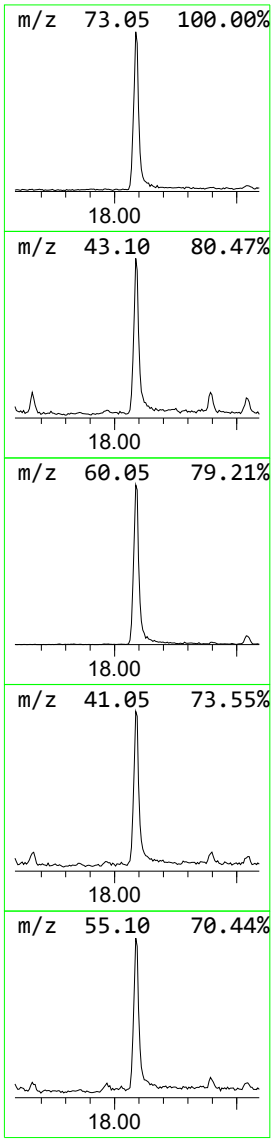
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	10.72 ng/ul	933222	Phenanthrene-d10	17.134

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

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

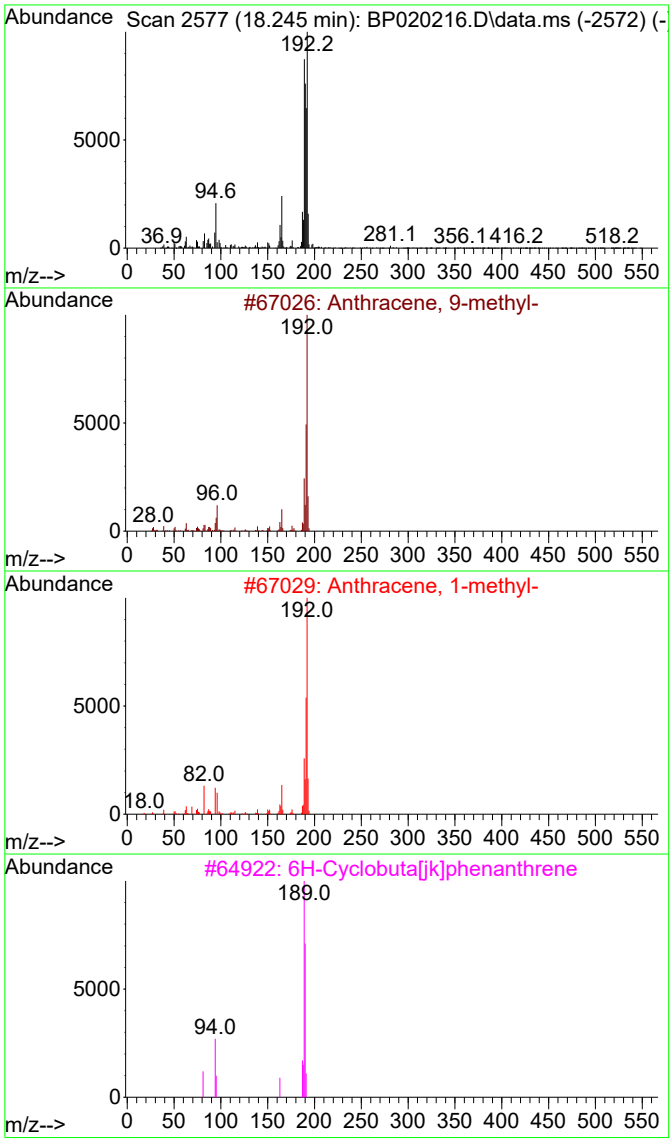
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

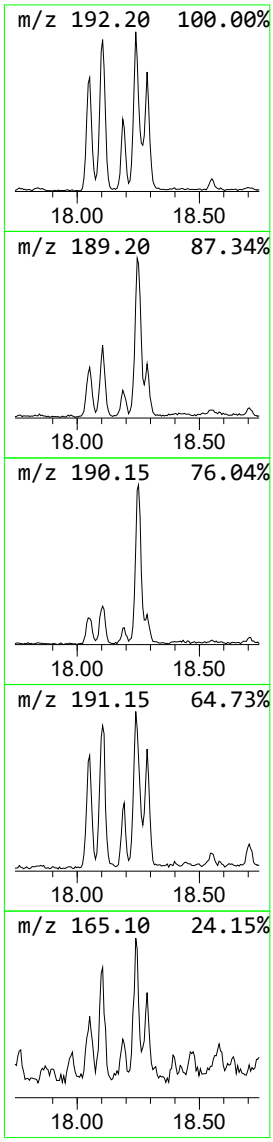
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	3.54 ng/ul	307974	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

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

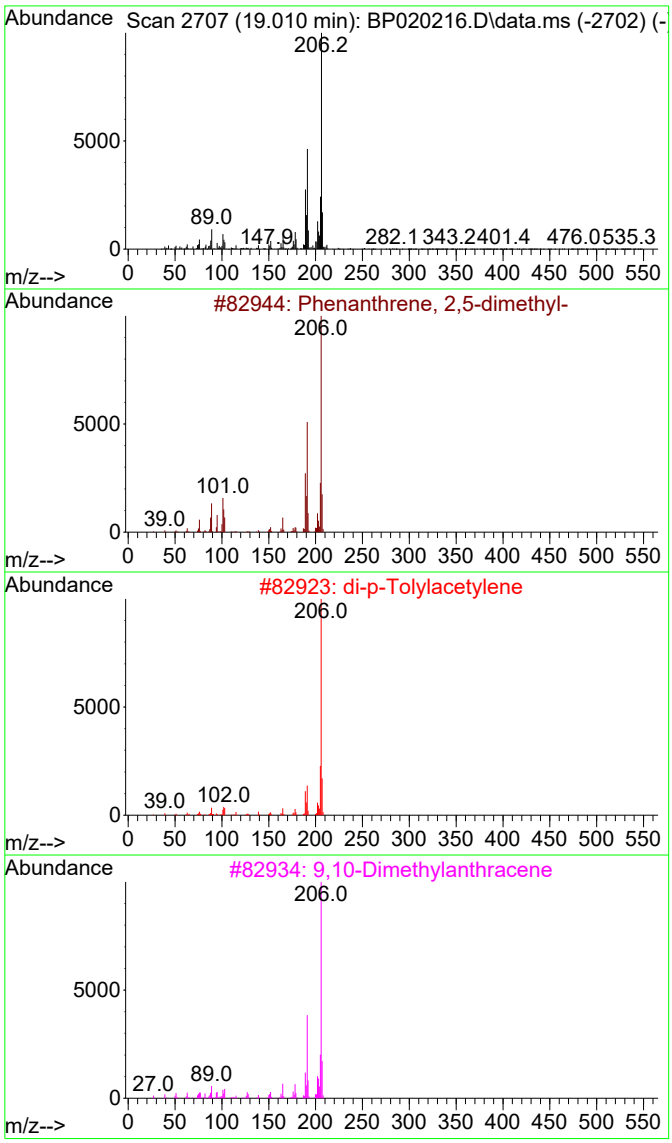
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

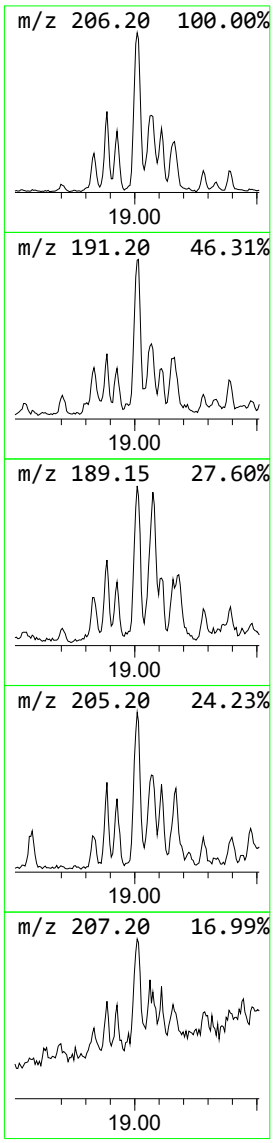
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	4.49 ng/ul	391222	Phenanthrene-d10	17.134

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

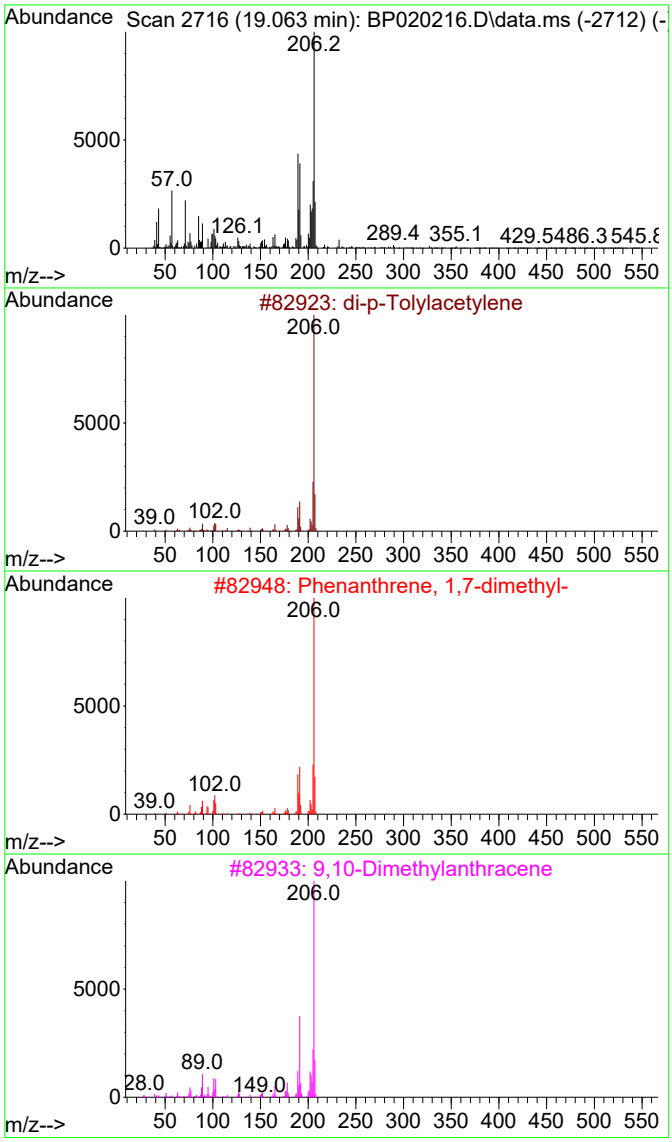
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

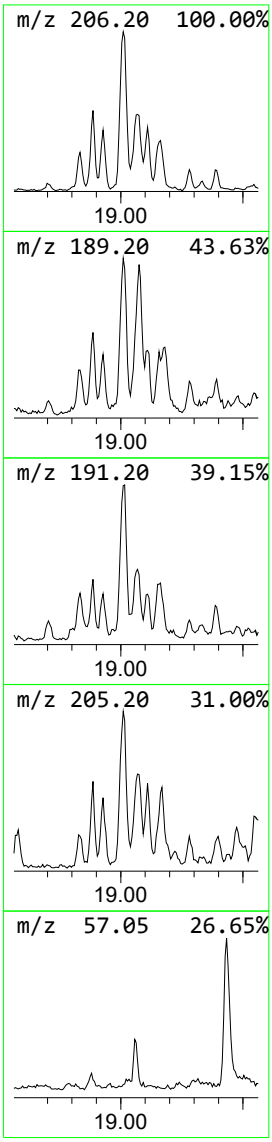
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	2.33 ng/ul	202943	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

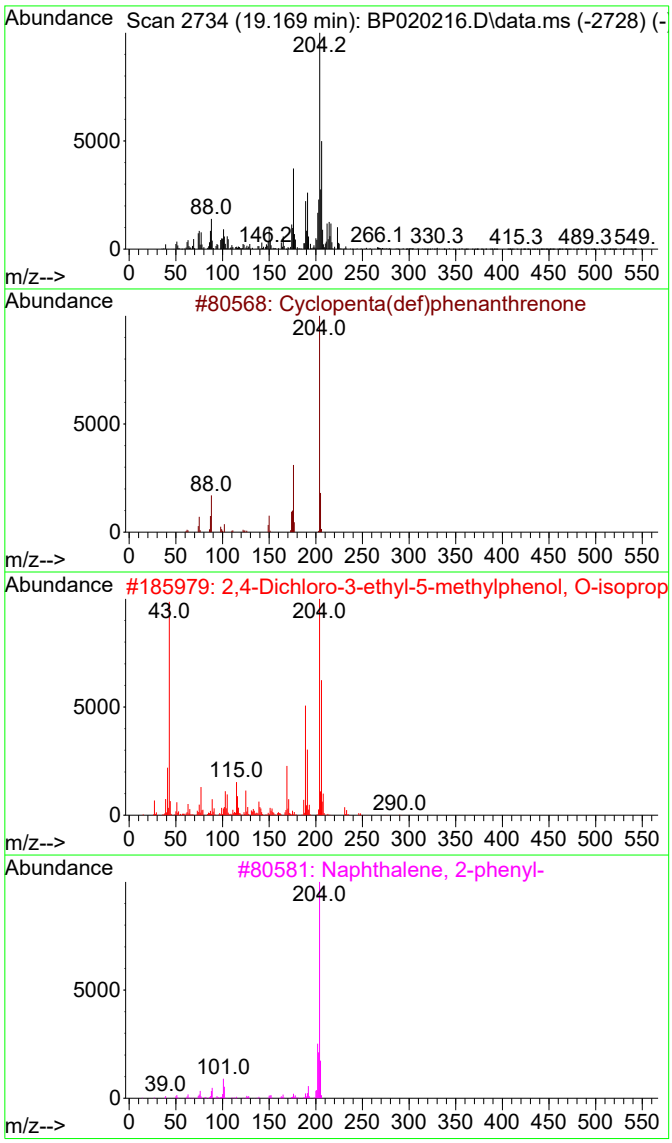
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

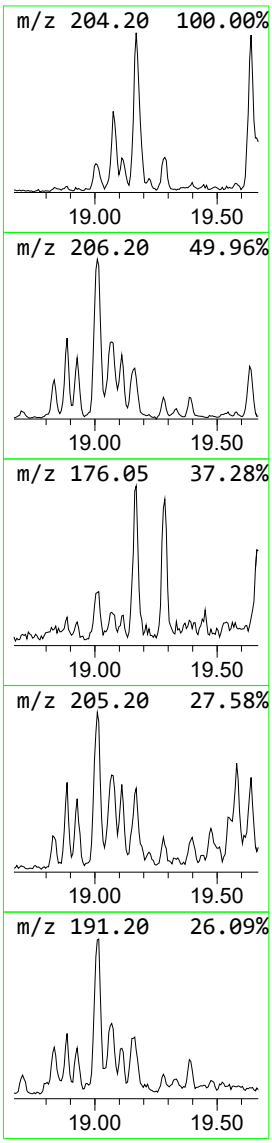
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	3.34 ng/ul	290581	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	2,4-Dichloro-3-ethyl-5-methylphe...	290	C13H16Cl2O3	1000487-42-9	47
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





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Operator : MA/JU
Sample : P2368-08
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

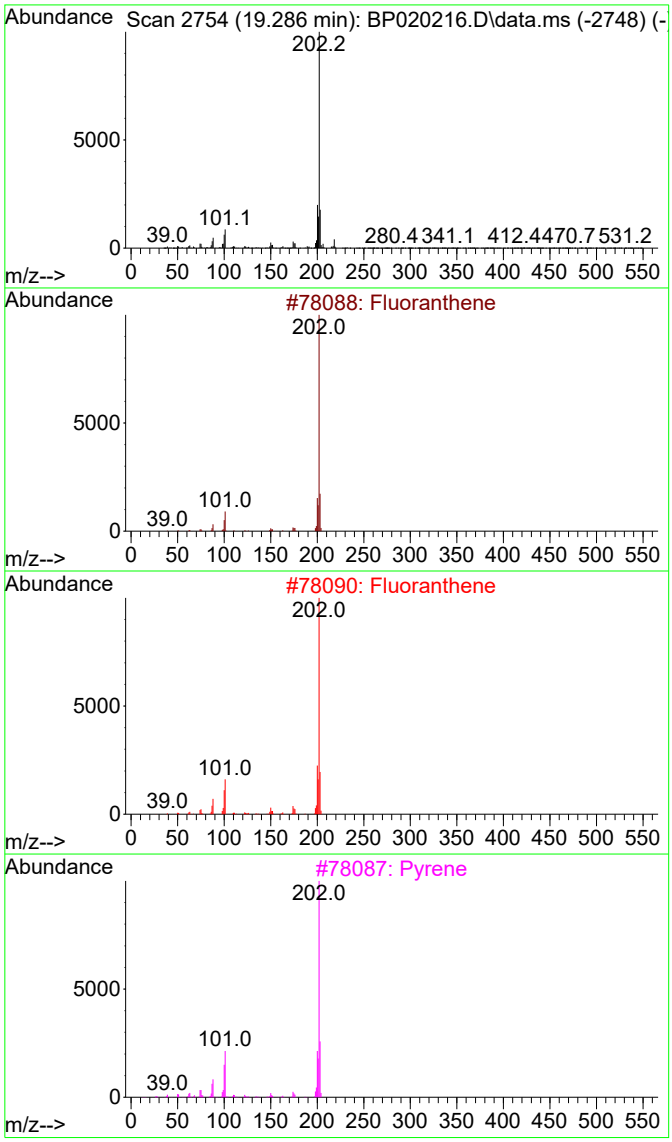
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

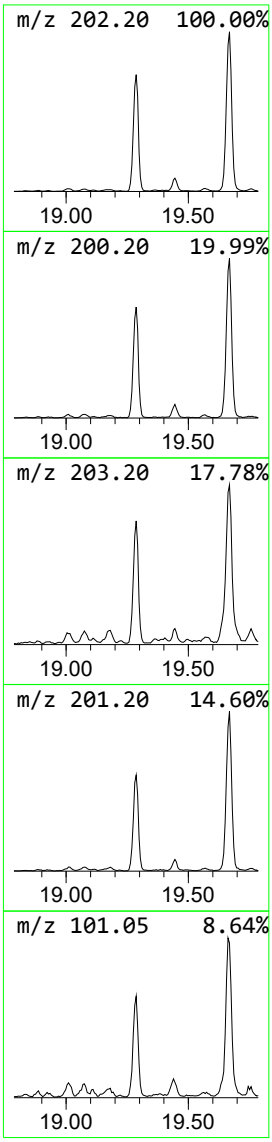
****

Peak Number 7 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	12.51 ng/ul	1088770	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	89
5	Pyrene	202	C16H10	000129-00-0	81





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Acq On : 06 May 2024 21:47
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Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

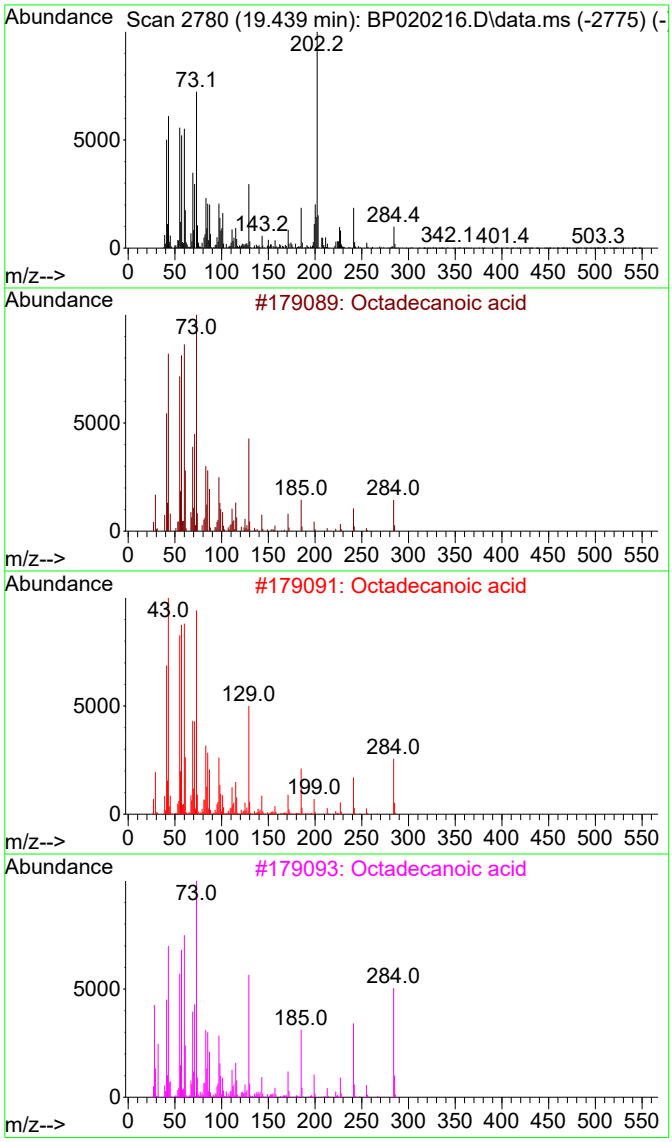
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

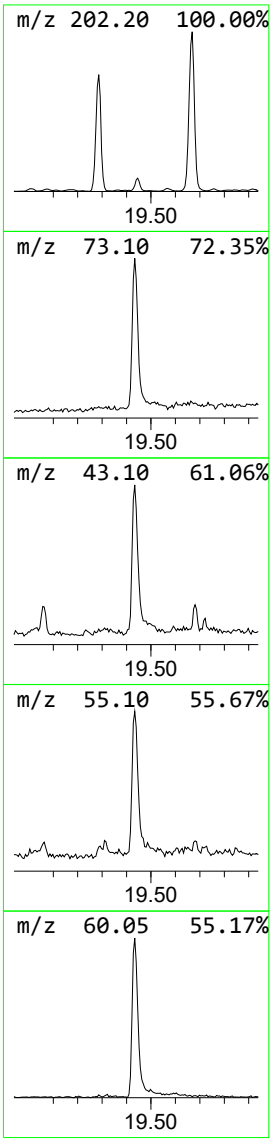
****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	3.85 ng/ul	535228	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

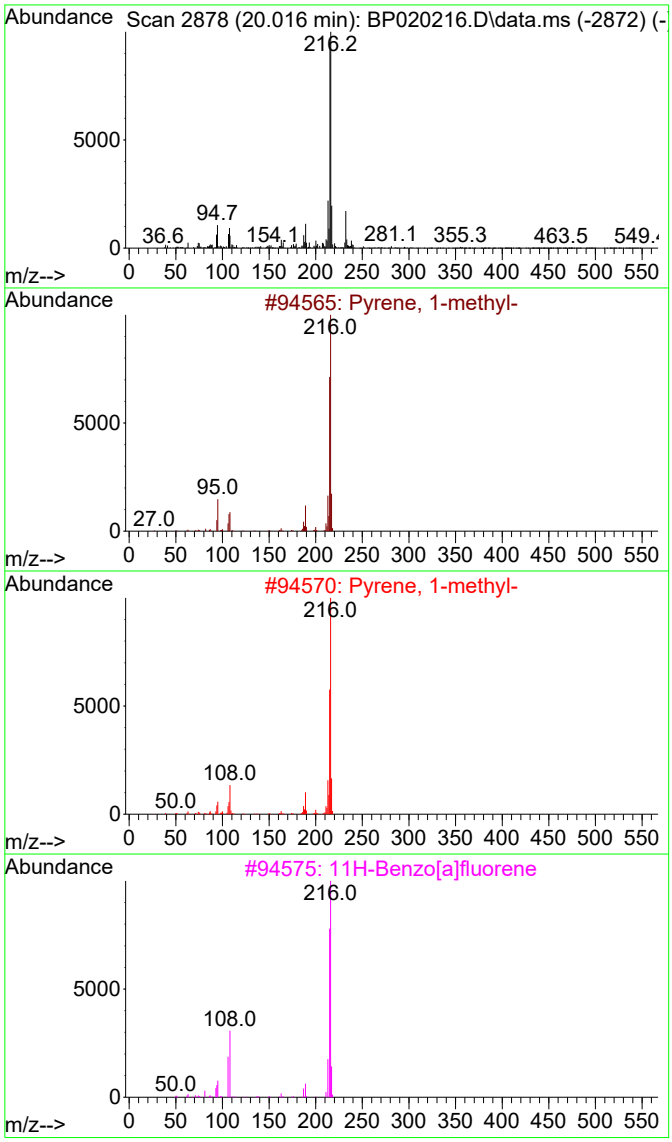
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

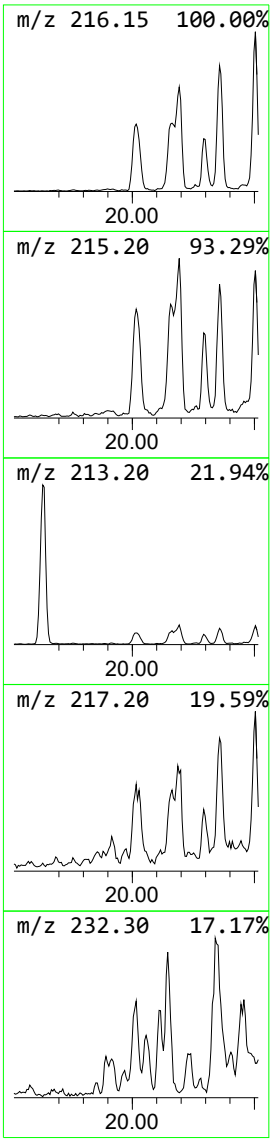
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.016	3.17 ng/ul	441243	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

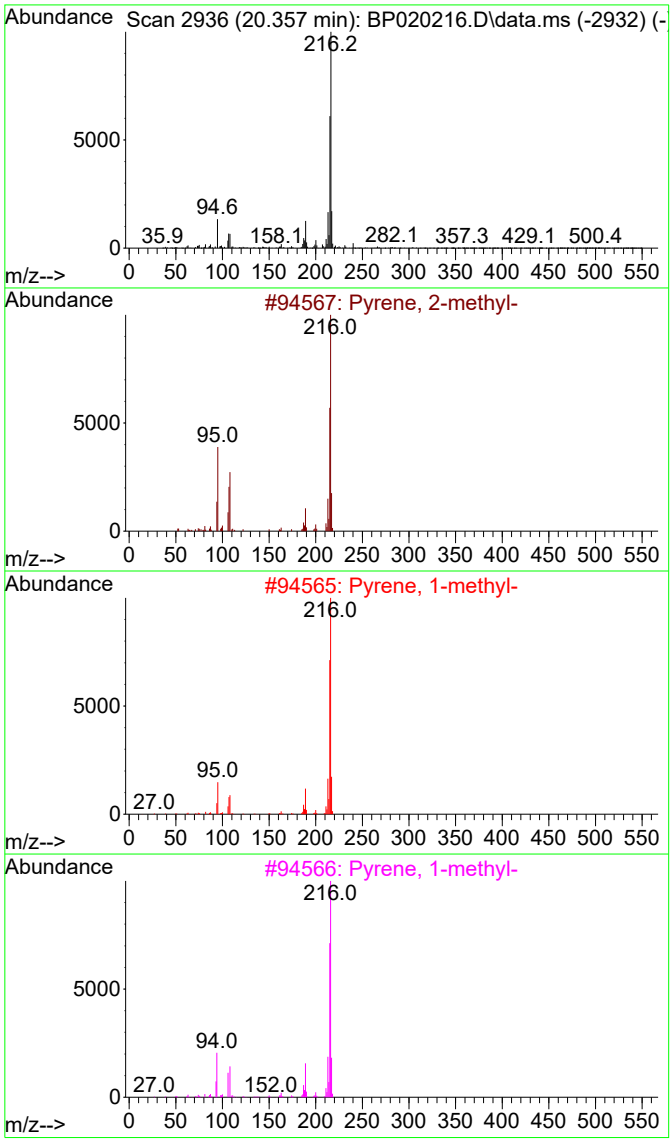
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

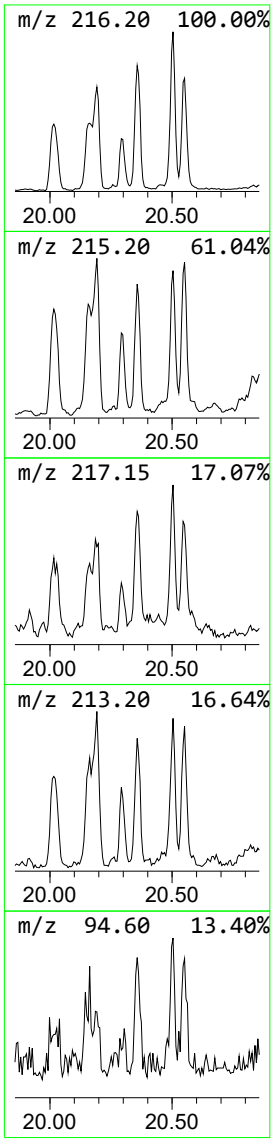
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	2.31 ng/ul	321740	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

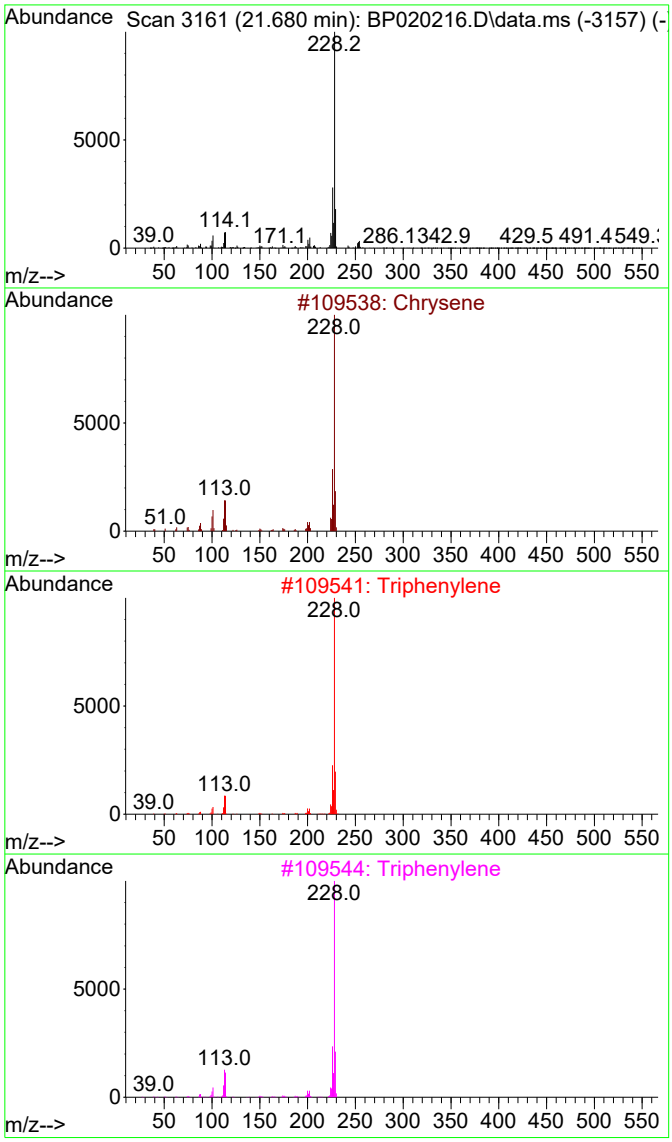
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

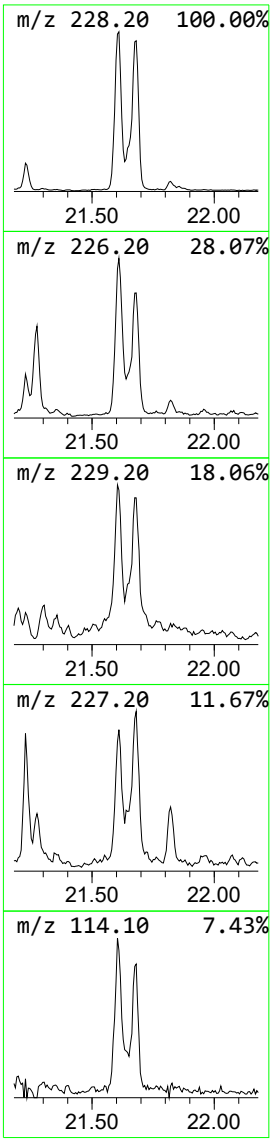
****

Peak Number 11 Chry sene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.680	5.82 ng/ul	809690	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene	228	C18H12	000218-01-9	93
2	Triphenylene	228	C18H12	000217-59-4	90
3	Triphenylene	228	C18H12	000217-59-4	89
4	Benz[a]anthracene	228	C18H12	000056-55-3	86
5	Benz[a]anthracene	228	C18H12	000056-55-3	76





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Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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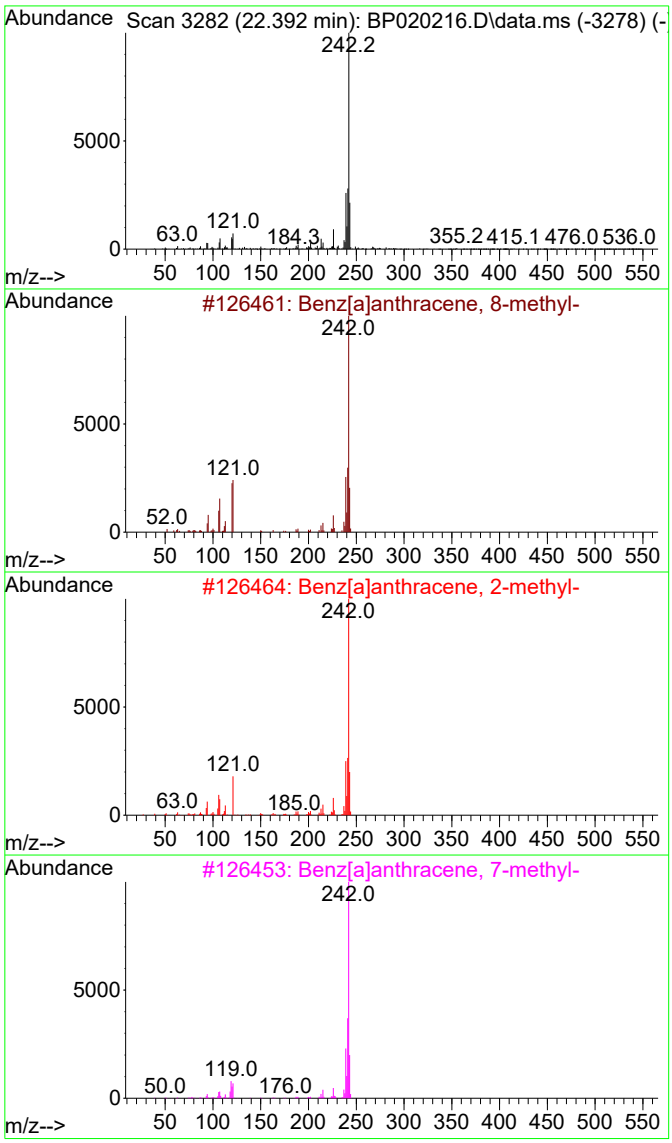
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

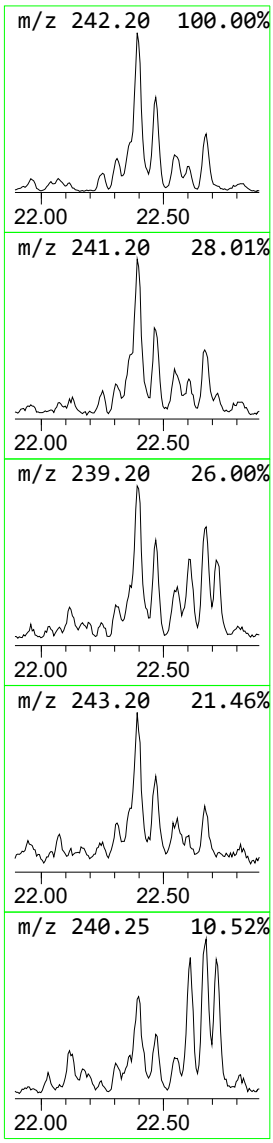
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benz[a]anthracene, 8-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.392	2.45 ng/ul	340649	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	87





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Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.910	9.46 ng/ul	671998	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
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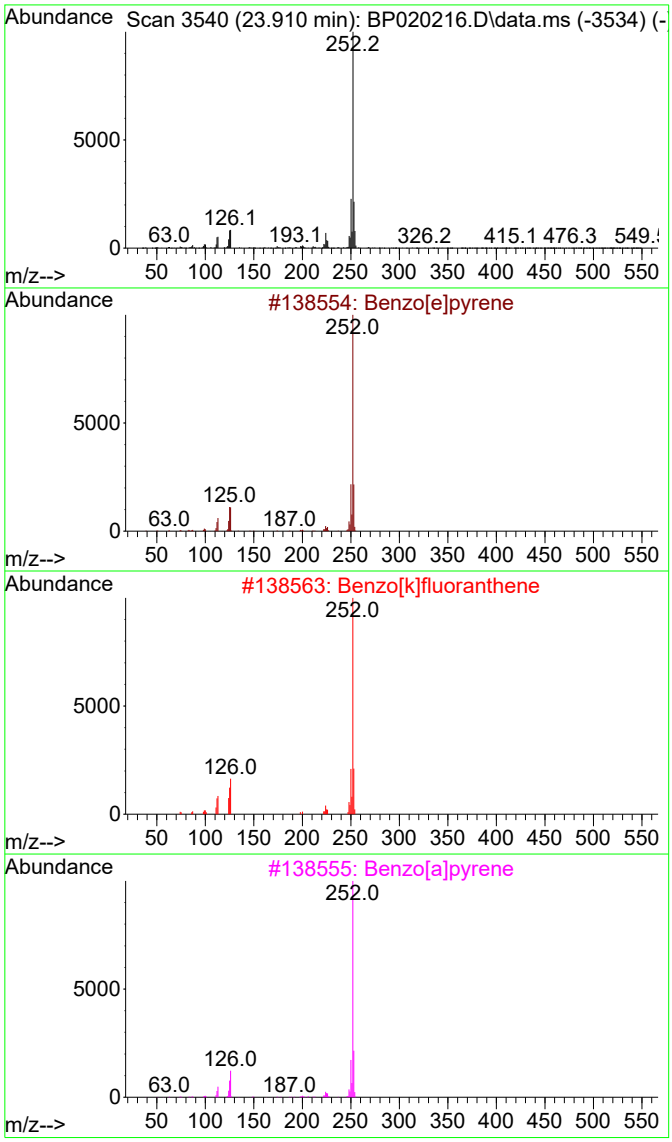

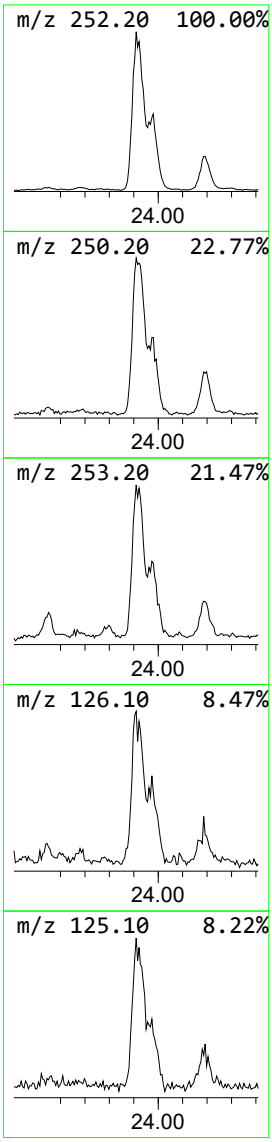

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Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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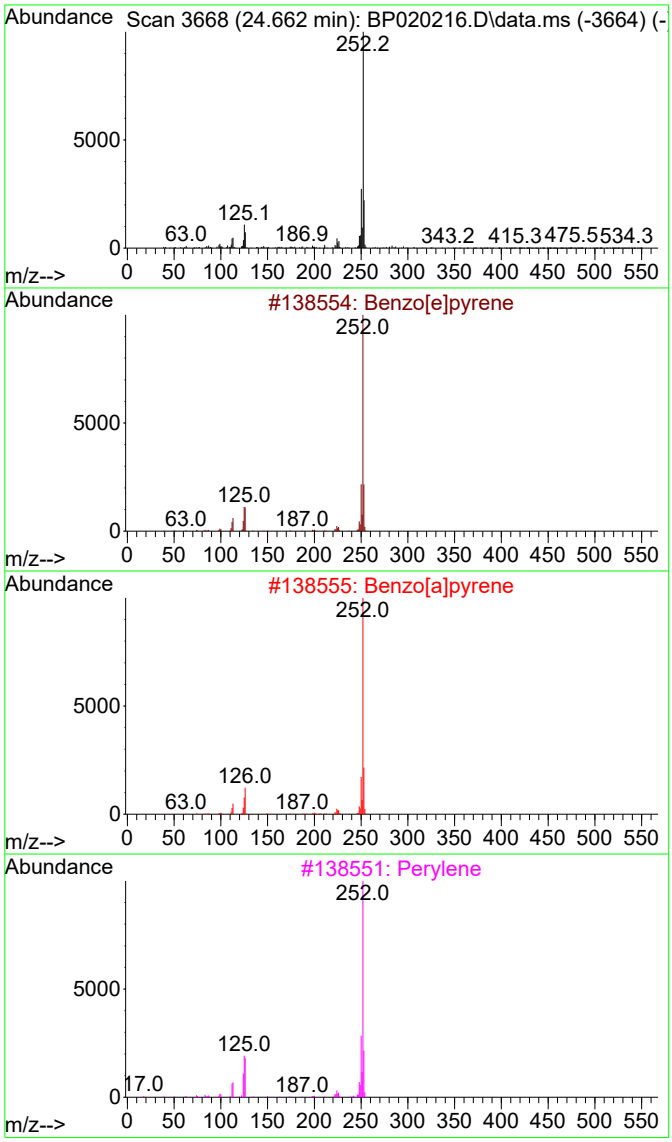
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

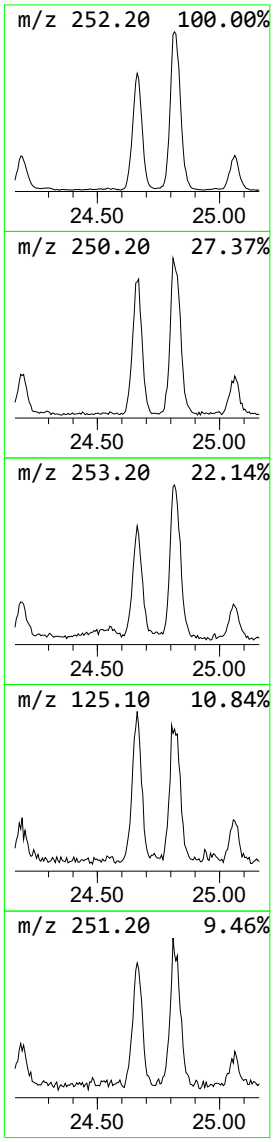
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[a]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	3.09 ng/ul	219712	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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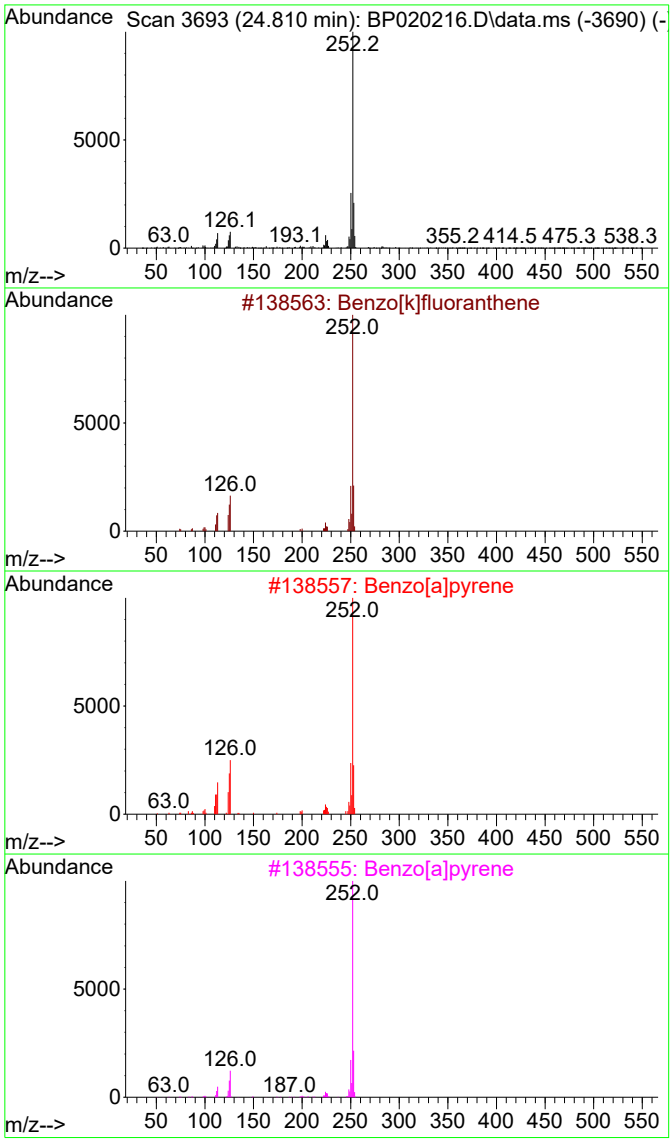
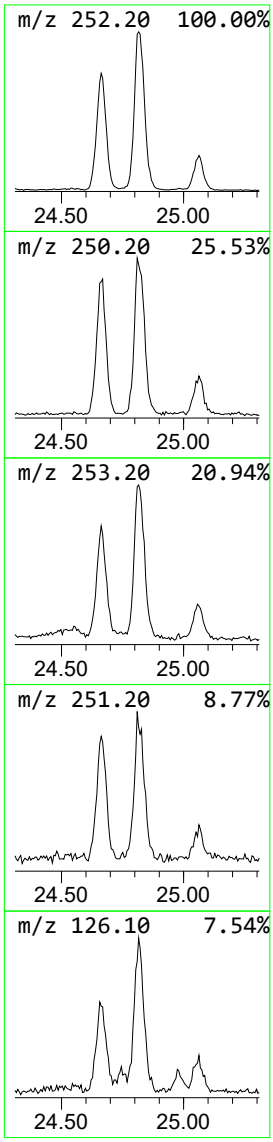
Peak Number 15 Benzo[k]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.810	9.66 ng/ul	686022	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

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Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43L1

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
Aceto phenone	8.457	5.3	ng/ul	163811	1	7.622	623895	20.0
n-Hexadecanoic ...	18.092	10.7	ng/ul	933222	4	17.134	1740900	20.0
Anthracene, 9-m...	18.245	3.5	ng/ul	307974	4	17.134	1740900	20.0
Phenanthrene, 2...	19.010	4.5	ng/ul	391222	4	17.134	1740900	20.0
di-p-Tolylacety...	19.063	2.3	ng/ul	202943	4	17.134	1740900	20.0
Cyclopenta(def)...	19.169	3.3	ng/ul	290581	4	17.134	1740900	20.0
Fluoran thene	19.286	12.5	ng/ul	1088770	4	17.134	1740900	20.0
Octadecanoic acid	19.439	3.9	ng/ul	535228	5	21.627	2783160	20.0
Pyrene, 1-methyl-	20.016	3.2	ng/ul	441243	5	21.627	2783160	20.0
Pyrene, 2-methyl-	20.357	2.3	ng/ul	321740	5	21.627	2783160	20.0
Chry sene	21.680	5.8	ng/ul	809690	5	21.627	2783160	20.0
Benz[a]anthrace...	22.392	2.5	ng/ul	340649	5	21.627	2783160	20.0
Benzo[e]pyrene	23.910	9.5	ng/ul	671998	6	24.980	1420830	20.0
Benzo[a]pyrene	24.663	3.1	ng/ul	219712	6	24.980	1420830	20.0
Benzo[k]fluoran...	24.810	9.7	ng/ul	686022	6	24.980	1420830	20.0