LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW918DL

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-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.964	96	98	101	rBV4	5543	6875	0.13%	0.014%
2	4.017	103	107	114	rVB	42792	59073	1.15%	0.121%
3	4.146	126	129	133	rVB2	8577	11199	0.22%	0.023%
4	4.246	143	146	153	rVB	22511	29822	0.58%	0.061%
5	4.822	241	244	248	rVB5	6361	8342	0.16%	0.017%
6	5.193	304	307	314	rVB	8210	13561	0.26%	0.028%
7	5.299	321	325	331	rVB4	8021	12009	0.23%	0.025%
8	5.693	387	392	397	rBV6	4708	7748	0.15%	0.016%
9	5.822	411	414	419	rVB	7209	11086	0.22%	0.023%
10	6.828	579	585	594	rVB8	6073	12144	0.24%	0.025%
11	7.305	659	666	678	rBV	126918	217522	4.23%	0.445%
12	7.481	688	696	703	rBV	119832	200613	3.90%	0.410%
13	7.687	725	731	739	rVV	142278	221663	4.31%	0.453%
14	8.163	803	812	821	rBV	1096817	1742775	33.91%	3.564%
15	8.716	901	906	912	rVB5	6747	13111	0.26%	0.027%
16	8.869	926	932	940	rBV	138435	235651	4.58%	0.482%
17	8.999	949	954	961	rVB2	21185	36030	0.70%	0.074%
18	9.287	996	1003	1005	rBV8	3889	6043	0.12%	0.012%
19	9.340	1005	1012	1020	rVV	113207	188114	3.66%	0.385%
20	9.446	1026	1030	1035	rVB7	2610	5455	0.11%	0.011%
21	9.752	1076	1082	1087	rVB9	4622	8192	0.16%	0.017%
22	10.069	1130	1136	1148	rBV2	81229	145462	2.83%	0.297%
23	10.610	1221	1228	1238	rBV	141441	248347	4.83%	0.508%
24	10.999	1284	1294	1301	rBV	1503404	2533788	49.29%	5.181%
25	11.046	1301	1302	1310	rVV	34376	51148	1.00%	0.105%
26	11.134	1310	1317	1329	rVB	46455	103442	2.01%	0.212%
27	12.393	1528	1531	1536	rVB7	3763	6024	0.12%	0.012%
28	12.651	1569	1575	1581	rBV	22758	38533	0.75%	0.079%
29	12.863	1604	1611	1616	rBV	22196	37346	0.73%	0.076%
30	13.340	1687	1692	1698	rVB8	4292	8503	0.17%	0.017%
31	13.645	1737	1744	1747	rVV6	8054	20111	0.39%	0.041%
32	13.692	1747	1752	1759	rVB3	26459	42364	0.82%	0.087%
33	13.840	1774	1777	1780	rBV3	4597	5446	0.11%	0.011%
34	13.975	1795	1800	1801	rBV2	9049	12844	0.25%	0.026%
35	14.128	1820	1826	1832	rBV2	23701	43300	0.84%	0.089%
36	14.204	1832	1839	1846	rVV	257613	369778	7.19%	0.756%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW918DL

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-BP050323.MA.M
Title : SVOA CALIBRATION

37	14.269	1846	1850	1856	rVB8	6193	14243	0.28%	0.029%
38	14.328	1856	1860	1862	rBV5	4549	6938	0.13%	0.014%
39	14.369	1862	1867	1870	rBV3	11086	17508	0.34%	0.036%
40	14.504	1884	1890	1903	rBV3	294190	562065	10.93%	1.149%
41	14.692	1918	1922	1926	rBV4	8988	13253	0.26%	0.027%
42	14.810	1931	1942	1948	rBV	1967581	2861471	55.67%	5.851%
43	14.875	1948	1953	1960	rVB	127300	191928	3.73%	0.392%
44	14.939	1960	1964	1968	rVB3	8002	11679	0.23%	0.024%
45	14.992	1968	1973	1980	rBV7	15477	38287	0.74%	0.078%
46	15.116	1992	1994	1999	rVB3	9189	9984	0.19%	0.020%
47	15.204	2003	2009	2016	rBV	63265	94020	1.83%	0.192%
48	15.281	2018	2022	2027	rVB3	12500	16927	0.33%	0.035%
49	15.428	2041	2047	2050	rBV2	12792	22424	0.44%	0.046%
50	15.475	2052	2055	2061	rVB3	9281	12978	0.25%	0.027%
51	15.592	2069	2075	2079	rBV5	13440	24163	0.47%	0.049%
52	15.639	2079	2083	2086	rVV6	8880	14821	0.29%	0.030%
53	15.675	2086	2089	2095	rVB8	5337	8938	0.17%	0.018%
54	15.798	2101	2110	2115	rBV	351196	518686	10.09%	1.061%
55	15.851	2115	2119	2125	rVV2	107764	169723	3.30%	0.347%
56	15.910	2125	2129	2133	rVV2	35025	47198	0.92%	0.097%
57	15.981	2138	2141	2144	rVB	14406	15219	0.30%	0.031%
58	16.022	2144	2148	2150	rBV2	15381	19365	0.38%	0.040%
59	16.110	2159	2163	2166	rBV5	8229	11140	0.22%	0.023%
60	16.163	2166	2172	2181	rVB2	197646	299807	5.83%	0.613%
61	16.298	2191	2195	2202	rVB	33783	60544	1.18%	0.124%
62	16.504	2227	2230	2231	rBV2	17687	16753	0.33%	0.034%
63	16.528	2231	2234	2240	rVB3	37722	58221	1.13%	0.119%
64	16.728	2264	2268	2274	rBV	28326	43353	0.84%	0.089%
65	16.857	2283	2290	2296	rVV5	21654	50742	0.99%	0.104%
66	16.910	2296	2299	2305	rVB4	17547	24935	0.49%	0.051%
67	17.086	2327	2329	2333	rBV2	11601	12694	0.25%	0.026%
68	17.133	2334	2337	2340	rVB2	17859	20775	0.40%	0.042%
69	17.216	2346	2351	2356	rBV2	66321	99791	1.94%	0.204%
70	17.381	2375	2379	2386	rVB	64560	97290	1.89%	0.199%
71	17.563	2404	2410	2414	rBV	1766463	2575991	50.11%	5.268%
72	17.610	2414	2418	2423	rVV	1576913	2237749	43.53%	4.576%
73	17.663	2423	2427	2430	rVV	348272	493935	9.61%	1.010%
74	17.698	2430	2433	2438	rVB	329967	443121	8.62%	0.906%
75	17.963	2471	2478	2482	rBV2	137248	225581	4.39%	0.461%
76	18.075	2494	2497	2502	rBV2	36351	51176	1.00%	0.105%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

77	18.422	2551	2556	2560	rBV	221173	314637	6.12%	0.643%
78	18.469	2560	2564	2571	rVB	243433	331084	6.44%	0.677%
79	18.545	2574	2577	2582	rVB	73677	101761	1.98%	0.208%
80	18.610	2582	2588	2592	rBV3	328007	584766	11.38%	1.196%
81	18.898	2633	2637	2640	rBV	139953	166750	3.24%	0.341%
82	18.939	2640	2644	2649	rVB	117847	153254	2.98%	0.313%
83	19.298	2702	2705	2710	rBV2	101159	154999	3.02%	0.317%
84	19.439	2725	2729	2736	rVB2	162707	262632	5.11%	0.537%
85	19.557	2744	2749	2755	rBV	3245983	4131992	80.39%	8.449%
86	19.651	2762	2765	2769	rVB	84155	97992	1.91%	0.200%
87	19.880	2799	2804	2806	rBV2	808461	1172491	22.81%	2.398%
88	19.910	2806	2809	2816	rVB	2798265	3534489	68.76%	7.228%
89	20.386	2887	2890	2895	rVB2	304929	422218	8.21%	0.863%
90	20.486	2904	2907	2910	rBV	164007	176505	3.43%	0.361%
91	21.116	3011	3014	3019	rBV	295197	418713	8.15%	0.856%
92	21.322	3046	3049	3052	rVB	284719	316196	6.15%	0.647%
93	21.410	3061	3064	3068	rVB2	298859	396920	7.72%	0.812%
94	21.639	3097	3103	3108	rBV3	2282811	5140166	100.00%	10.511%
95	21.686	3108	3111	3122	rVB	1500607	2212115	43.04%	4.524%
96	23.445	3404	3410	3417	rBV	1360278	3920627	76.27%	8.017%
97	24.015	3502	3507	3514	rBV	798796	1659774	32.29%	3.394%
98	24.133	3522	3527	3534	rVB	1149530	2380131	46.30%	4.867%
99	24.251	3541	3547	3553	rBV2	1307734	2623604	51.04%	5.365%

Sum of corrected areas: 48902696

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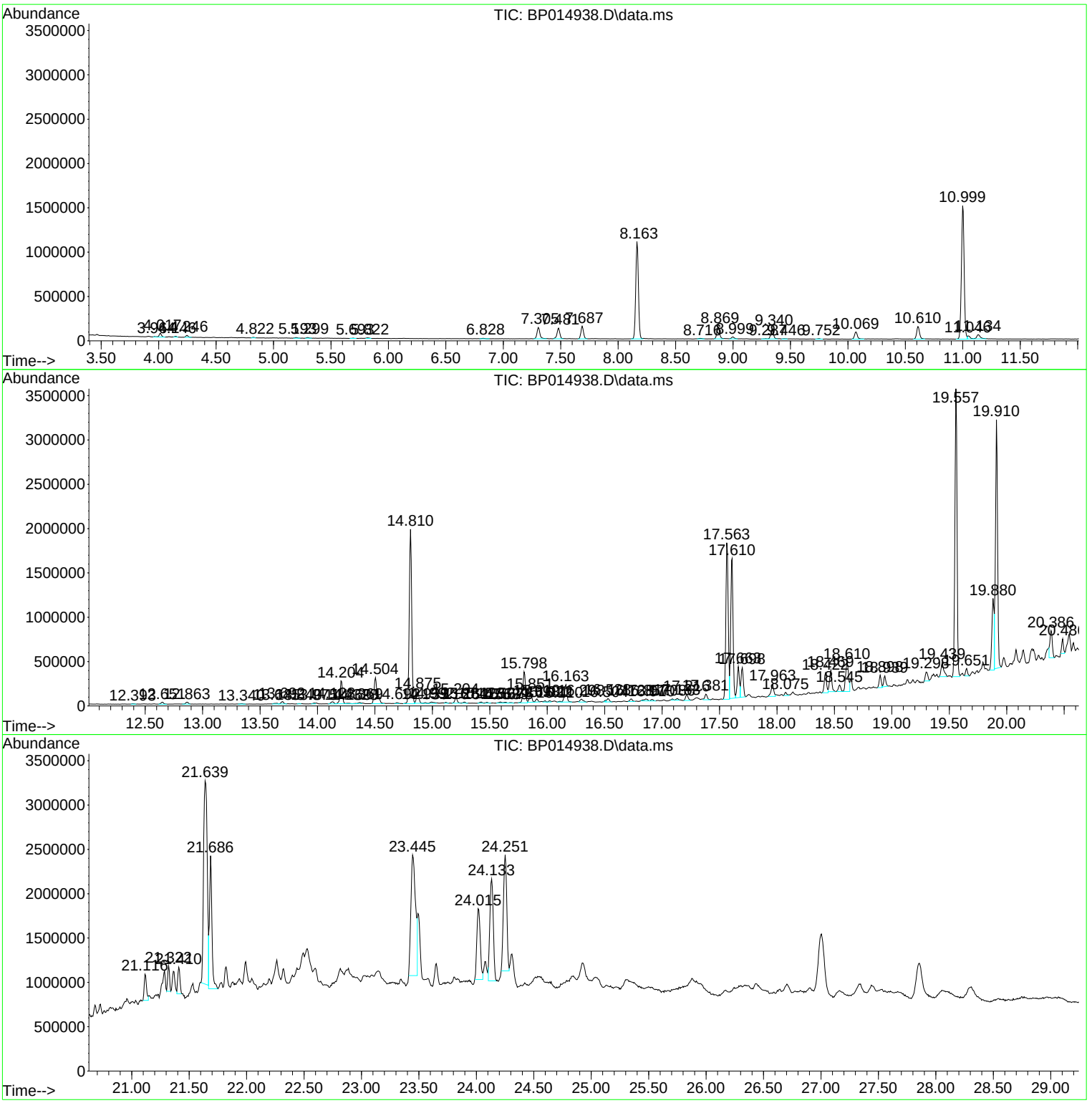
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
Sample : 02419-21DL 5X
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

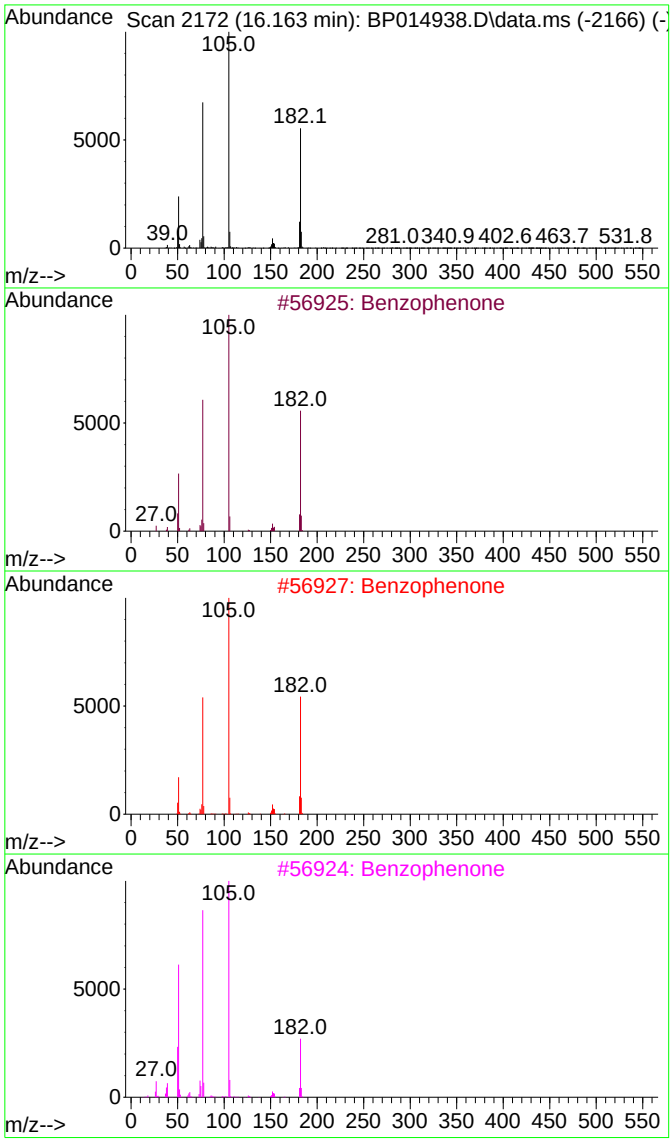
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

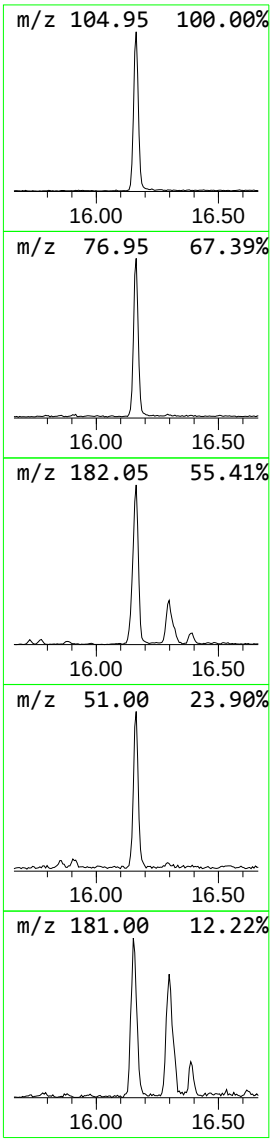
****

Peak Number 1 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	2.10 ng/ul	299807	Acenaphthene-d10	14.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

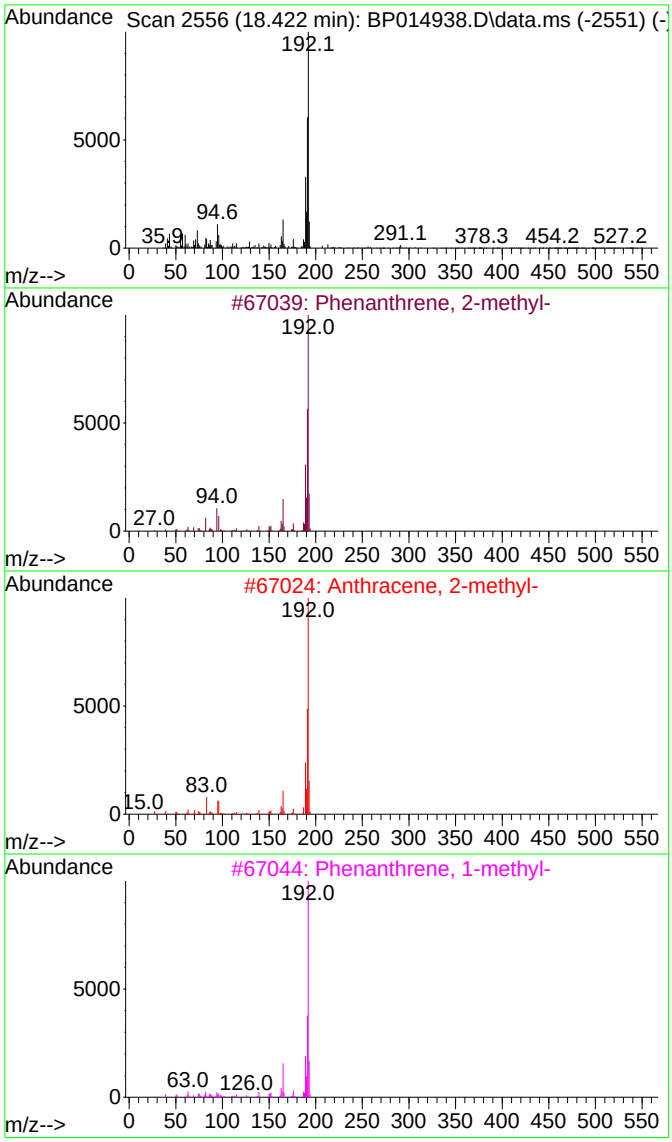
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

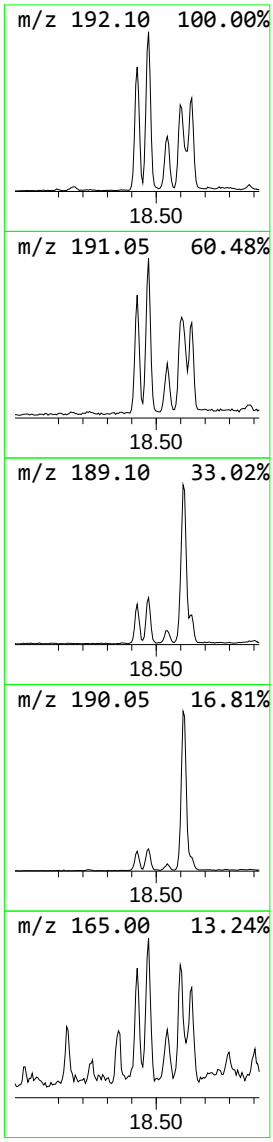
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	2.44 ng/ul	314637	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
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Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

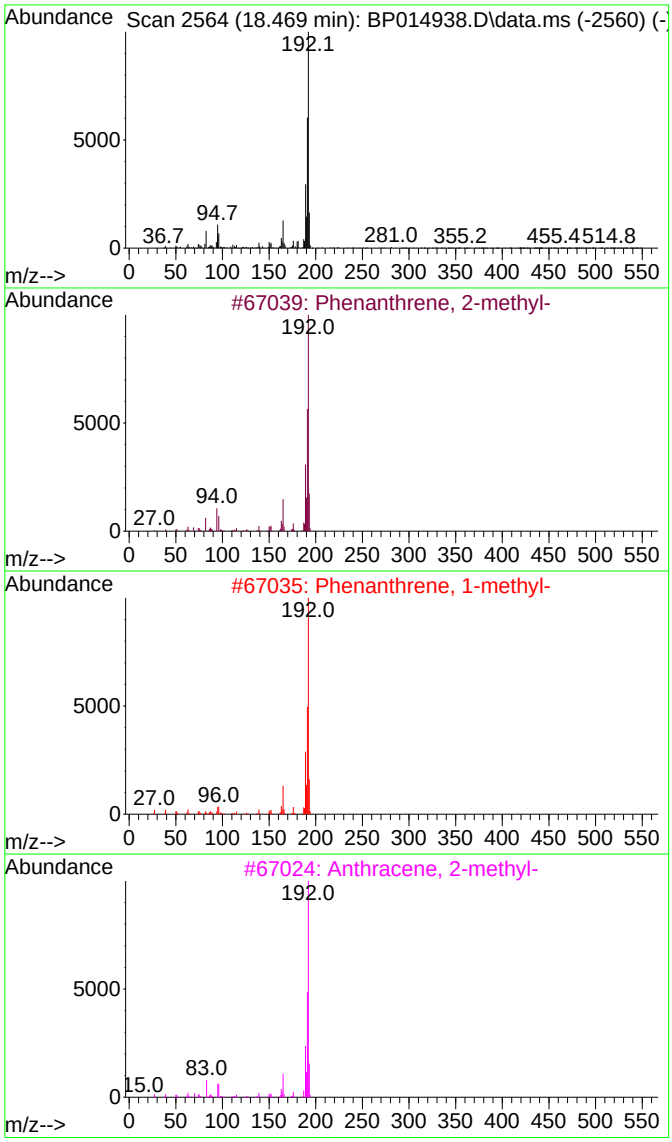
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

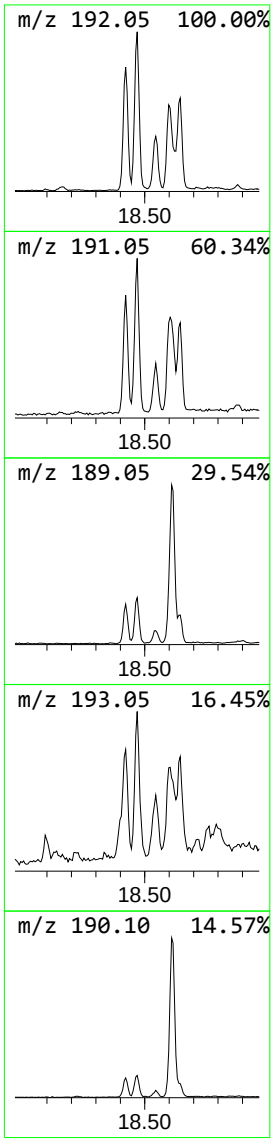
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	2.57 ng/ul	331084	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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ClientSampleId :
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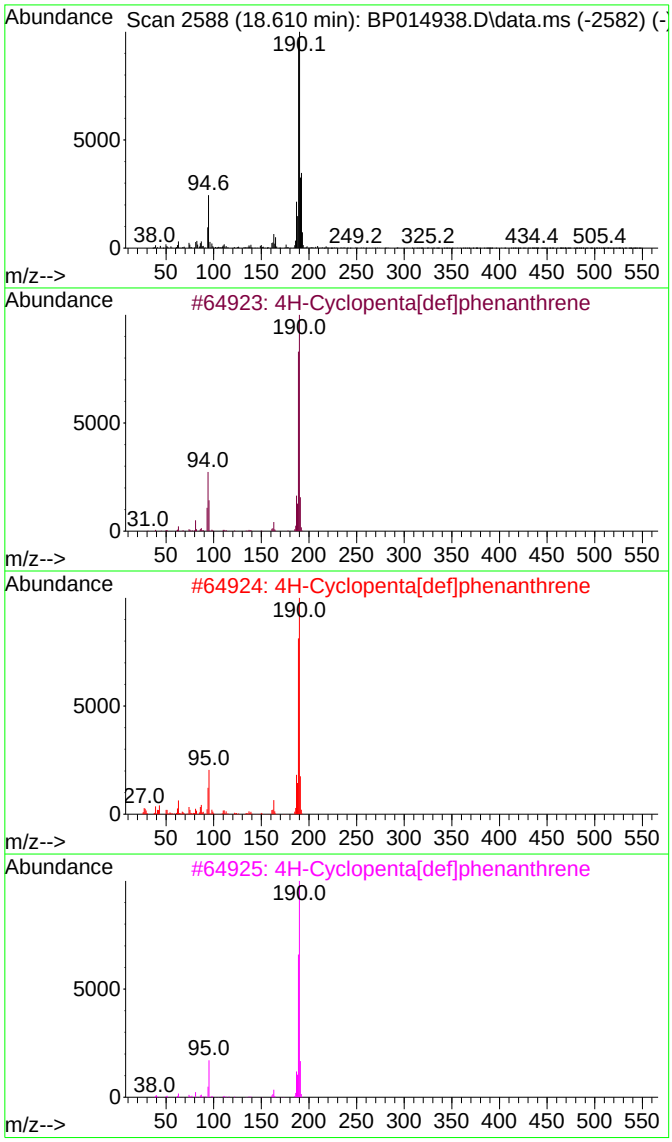
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

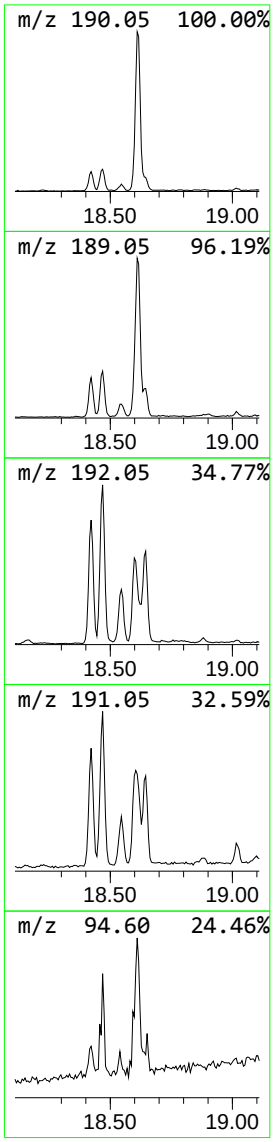
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	4.54 ng/ul	584766	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

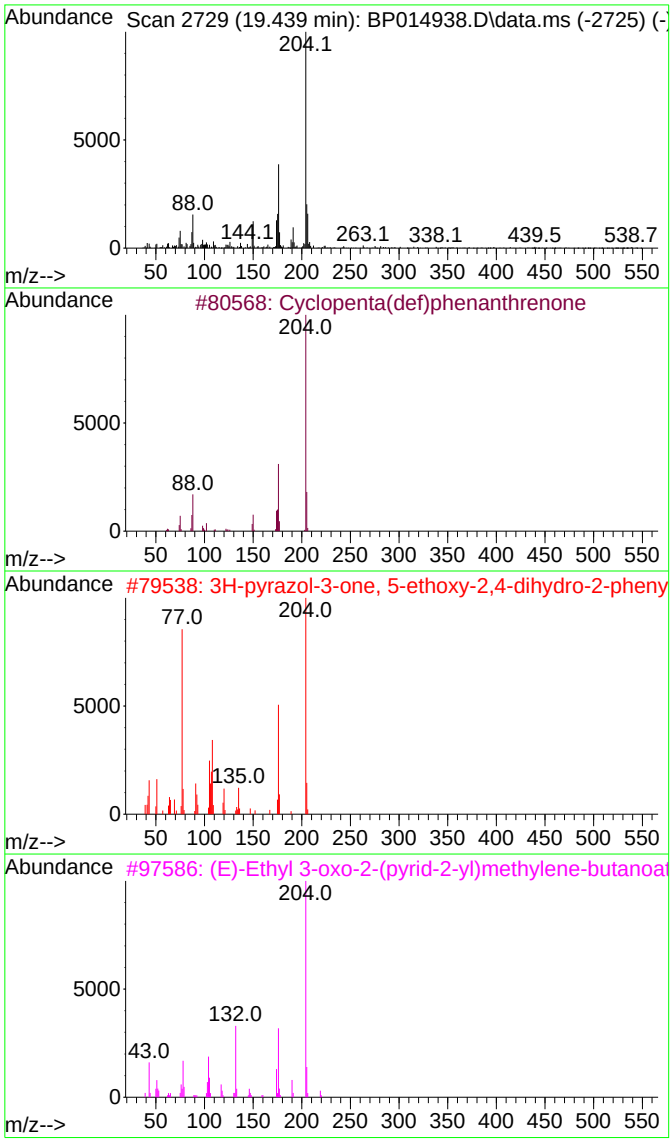
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

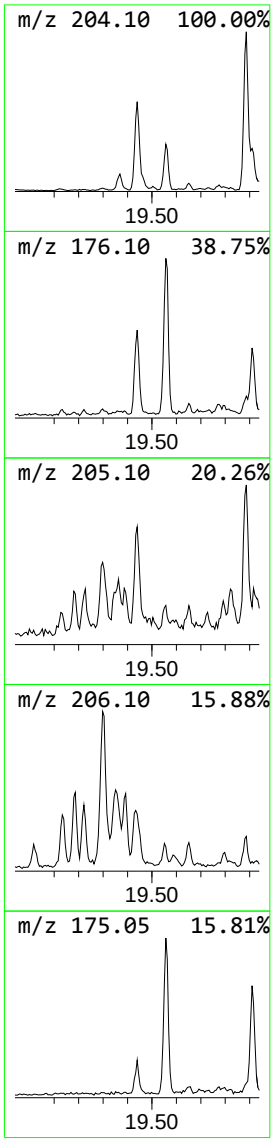
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	2.04 ng/ul	262632	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	59
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

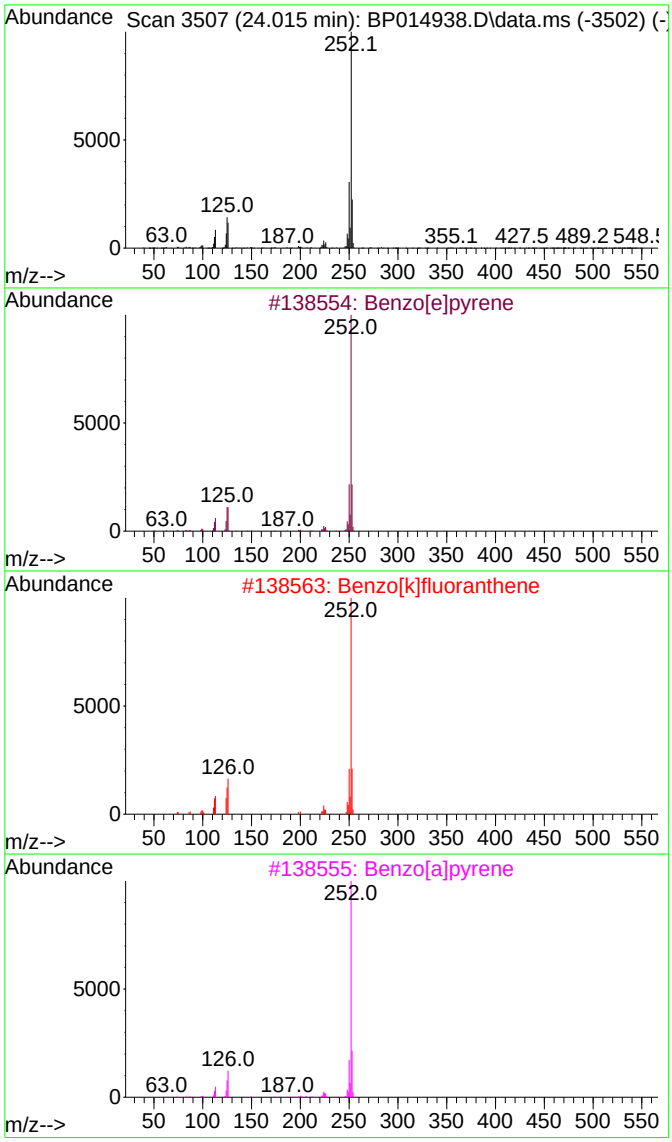
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

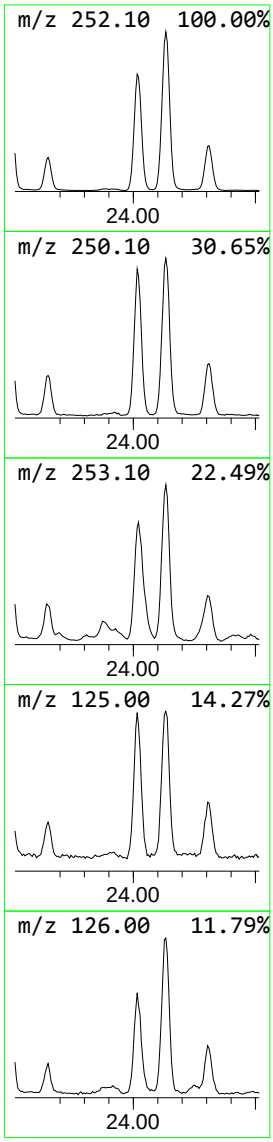
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.015	12.65 ng/ul	1659770	Perylene-d12	24.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014938.D
Acq On : 03 May 2023 19:44
Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW918DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
Benzophenone	16.163	2.1	ng/ul	299807	3	14.810	2861470	20.0
Phenanthrene, 2...	18.422	2.4	ng/ul	314637	4	17.563	2575990	20.0
Phenanthrene, 1...	18.469	2.6	ng/ul	331084	4	17.563	2575990	20.0
4H-Cyclopenta[d...	18.610	4.5	ng/ul	584766	4	17.563	2575990	20.0
Cyclopenta(def)...	19.439	2.0	ng/ul	262632	4	17.563	2575990	20.0
Benzo[e]pyrene	24.015	12.7	ng/ul	1659770	6	24.251	2623600	20.0