LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012162.D
Acq On : 15 Oct 2022 05:34
Operator : CG/JU
Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNC6

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-BP101122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.705	120	122	128	rBV2	21834	37296	0.62%	0.058%
2	6.763	638	642	649	rBV3	46831	73386	1.21%	0.114%
3	7.010	678	684	697	rVB	623484	1105648	18.23%	1.711%
4	7.175	706	712	722	rVB	547287	864704	14.26%	1.338%
5	7.369	739	745	757	rBV	657932	1042280	17.19%	1.613%
6	7.840	818	825	834	rBV	882100	1378518	22.73%	2.133%
7	8.551	940	946	962	rBV	758680	1309474	21.59%	2.026%
8	8.669	962	966	977	rVB	19574	40944	0.68%	0.063%
9	9.004	1017	1023	1036	rBV	578466	972759	16.04%	1.505%
10	9.404	1087	1091	1096	rVB	11237	18735	0.31%	0.029%
11	9.728	1138	1146	1158	rBV	418547	722705	11.92%	1.118%
12	10.269	1231	1238	1253	rBV	700856	1231518	20.31%	1.905%
13	10.428	1259	1265	1280	rBV	220610	461999	7.62%	0.715%
14	10.645	1294	1302	1310	rBV	1210836	2025015	33.39%	3.133%
15	10.792	1319	1327	1344	rBV	545490	1019799	16.82%	1.578%
16	12.063	1539	1543	1547	rVB7	6908	10375	0.17%	0.016%
17	12.233	1568	1572	1579	rVB	9975	16780	0.28%	0.026%
18	12.657	1639	1644	1649	rBV7	5228	10239	0.17%	0.016%
19	12.769	1660	1663	1671	rBV7	7871	15329	0.25%	0.024%
20	13.304	1744	1754	1762	rBV	20129	36833	0.61%	0.057%
21	13.380	1764	1767	1772	rVV5	7593	11851	0.20%	0.018%
22	13.669	1809	1816	1821	rBV9	4151	11880	0.20%	0.018%
23	13.810	1831	1840	1846	rBV4	45980	89265	1.47%	0.138%
24	13.904	1849	1856	1871	rVB	1173587	1690135	27.87%	2.615%
25	14.180	1896	1903	1921	rVB	1581453	2446610	40.35%	3.785%
26	14.327	1921	1928	1931	rBV8	10855	20375	0.34%	0.032%
27	14.380	1933	1937	1945	rVB3	14997	24145	0.40%	0.037%
28	14.486	1945	1955	1963	rBV	1670127	2583915	42.61%	3.998%
29	14.557	1963	1967	1973	rVB4	18291	29633	0.49%	0.046%
30	14.704	1986	1992	2015	rBV	317436	647842	10.68%	1.002%
31	14.916	2018	2028	2033	rVV5	44766	107298	1.77%	0.166%
32	14.963	2033	2036	2040	rVB2	15454	21263	0.35%	0.033%
33	15.104	2054	2060	2064	rBV5	13124	23286	0.38%	0.036%
34	15.163	2066	2070	2075	rVB	14872	19835	0.33%	0.031%
35	15.280	2082	2090	2093	rBV5	16374	34073	0.56%	0.053%
36	15.333	2096	2099	2102	rVV2	11334	15067	0.25%	0.023%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
BGNC6

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Title : SVOA CALIBRATION

37	15.363	2102	2104	2110	rVB4	7245	9962	0.16%	0.015%
38	15.486	2118	2125	2131	rBV	1982801	2878181	47.46%	4.453%
39	15.533	2131	2133	2141	rVB2	36974	60033	0.99%	0.093%
40	15.610	2141	2146	2154	rBV	186883	272266	4.49%	0.421%
41	15.733	2163	2167	2175	rVB8	16783	33415	0.55%	0.052%
42	15.833	2179	2184	2190	rVB	28920	45728	0.75%	0.071%
43	15.951	2201	2204	2206	rVV4	13151	18125	0.30%	0.028%
44	15.980	2206	2209	2216	rVB	29479	54187	0.89%	0.084%
45	16.216	2243	2249	2255	rVB6	20221	42276	0.70%	0.065%
46	16.357	2269	2273	2275	rVV4	7493	11231	0.19%	0.017%
47	16.386	2276	2278	2282	rVB4	7655	9955	0.16%	0.015%
48	16.551	2297	2306	2311	rBV4	36646	83842	1.38%	0.130%
49	16.598	2311	2314	2319	rVB4	14035	19950	0.33%	0.031%
50	16.698	2327	2331	2337	rVB4	16867	24696	0.41%	0.038%
51	16.774	2340	2344	2348	rBV2	36790	56412	0.93%	0.087%
52	16.821	2348	2352	2355	rVV3	20841	24615	0.41%	0.038%
53	16.910	2362	2367	2373	rVB5	20407	35373	0.58%	0.055%
54	16.974	2373	2378	2380	rBV	35198	53298	0.88%	0.082%
55	17.069	2389	2394	2403	rVB3	31660	66678	1.10%	0.103%
56	17.251	2417	2425	2429	rBV	2115365	3117020	51.40%	4.823%
57	17.292	2429	2432	2436	rVV	647893	863284	14.24%	1.336%
58	17.345	2436	2441	2446	rVV2	2212106	3341185	55.10%	5.169%
59	17.380	2446	2447	2453	rVV	363253	372692	6.15%	0.577%
60	17.445	2453	2458	2464	rVV4	47713	100404	1.66%	0.155%
61	17.527	2468	2472	2477	rBV7	10465	21189	0.35%	0.033%
62	17.686	2497	2499	2505	rVB3	21823	32047	0.53%	0.050%
63	17.739	2506	2508	2510	rVV3	11242	9772	0.16%	0.015%
64	17.774	2510	2514	2520	rVB2	22098	34665	0.57%	0.054%
65	17.916	2534	2538	2542	rBV	52678	63741	1.05%	0.099%
66	18.121	2568	2573	2577	rBV2	179827	367961	6.07%	0.569%
67	18.163	2577	2580	2585	rVV	255073	348946	5.75%	0.540%
68	18.239	2589	2593	2599	rVV	161627	231821	3.82%	0.359%
69	18.304	2599	2604	2608	rVV2	271411	487109	8.03%	0.754%
70	18.339	2608	2610	2619	rVB	128099	170975	2.82%	0.265%
71	18.416	2621	2623	2627	rVB4	16900	19941	0.33%	0.031%
72	18.604	2650	2655	2659	rVB	108583	147689	2.44%	0.229%
73	18.692	2666	2670	2673	rBV2	31843	41022	0.68%	0.063%
74	18.839	2691	2695	2698	rBV2	46839	61143	1.01%	0.095%
75	18.886	2700	2703	2706	rBV	48573	50405	0.83%	0.078%
76	18.927	2706	2710	2714	rVB	41854	49683	0.82%	0.077%

LSC Area Percent Report

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Operator : CG/JU
Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGNC6

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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Title : SVOA CALIBRATION

77	19.004	2718	2723	2728	rBV2	125629	253518	4.18%	0.392%
78	19.139	2742	2746	2747	rBV	44487	59176	0.98%	0.092%
79	19.262	2759	2767	2773	rBV	2045727	2694704	44.44%	4.169%
80	19.363	2780	2784	2788	rBV3	97877	150463	2.48%	0.233%
81	19.410	2788	2792	2796	rVB	165302	221240	3.65%	0.342%
82	19.586	2816	2822	2825	rBV	3609042	5038494	83.09%	7.796%
83	19.615	2825	2827	2835	rVV	1649397	1919590	31.65%	2.970%
84	19.686	2835	2839	2845	rVB3	128804	205052	3.38%	0.317%
85	19.792	2853	2857	2862	rVB	126610	176804	2.92%	0.274%
86	19.927	2875	2880	2888	rBV3	154896	393913	6.50%	0.609%
87	20.098	2905	2909	2914	rVB	527999	708146	11.68%	1.096%
88	20.192	2921	2925	2929	rBV	477097	590656	9.74%	0.914%
89	20.251	2929	2935	2939	rVB3	213541	376906	6.22%	0.583%
90	20.392	2956	2959	2962	rVV2	72260	80548	1.33%	0.125%
91	20.433	2963	2966	2977	rVB2	135991	239081	3.94%	0.370%
92	20.586	2990	2992	2996	rBV2	71435	83151	1.37%	0.129%
93	20.992	3059	3061	3064	rBV	93740	99460	1.64%	0.154%
94	21.039	3064	3069	3072	rBV2	313438	520290	8.58%	0.805%
95	21.339	3113	3120	3124	rBV2	3568555	6064152	100.00%	9.382%
96	21.374	3124	3126	3136	rVB	1090147	1406141	23.19%	2.176%
97	23.015	3400	3405	3411	rBV	580924	1495352	24.66%	2.314%
98	23.539	3491	3494	3498	rBV	245663	387501	6.39%	0.600%
99	23.598	3498	3504	3509	rBV2	2062270	3944609	65.05%	6.103%
100	23.756	3525	3531	3537	rBV2	1903387	3620631	59.71%	5.602%

Sum of corrected areas: 64633304

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Data File : BP012162.D
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Instrument :
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ClientSampleId :
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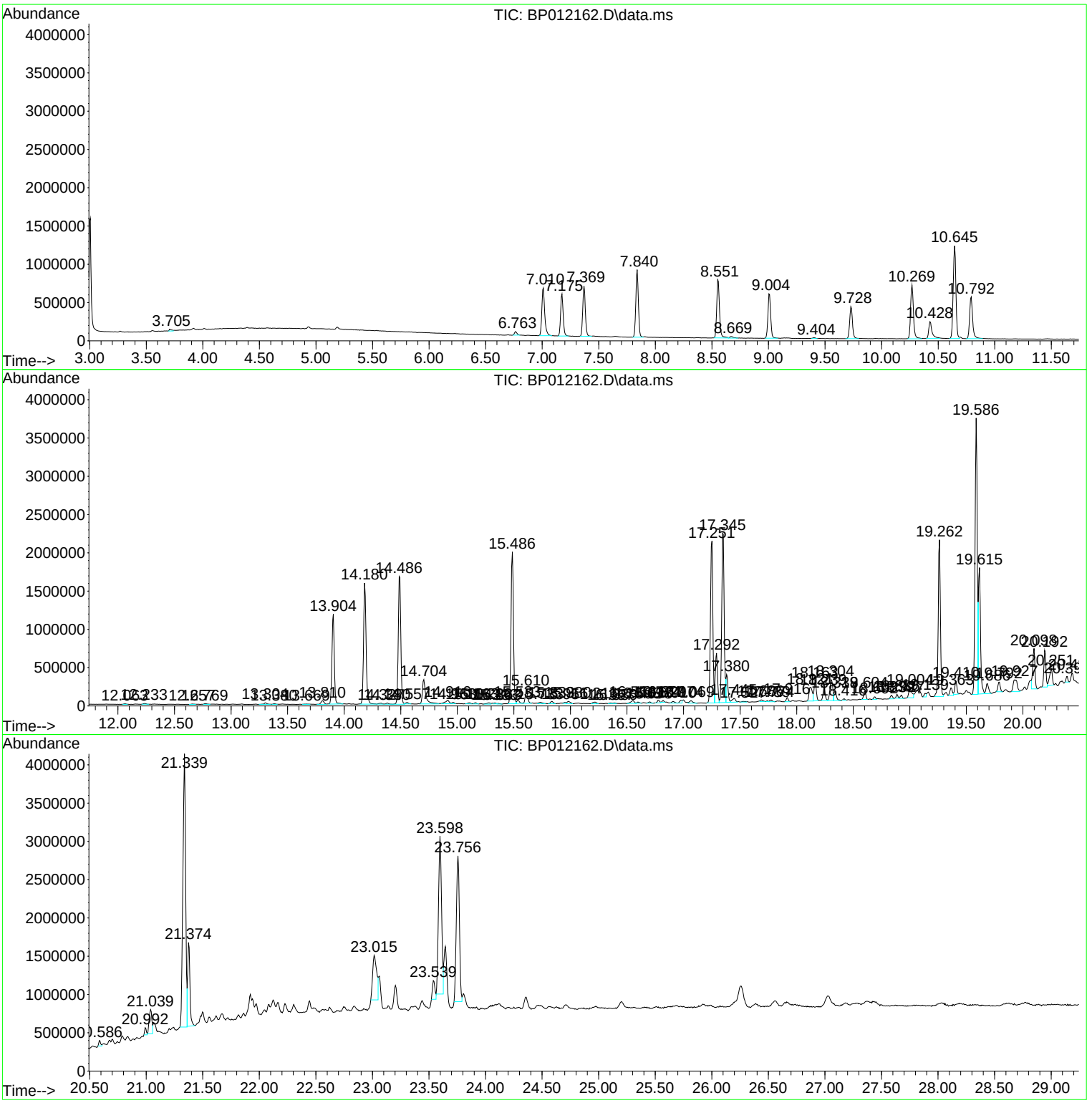
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012162.D
Acq On : 15 Oct 2022 05:34
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Sample : N4984-20
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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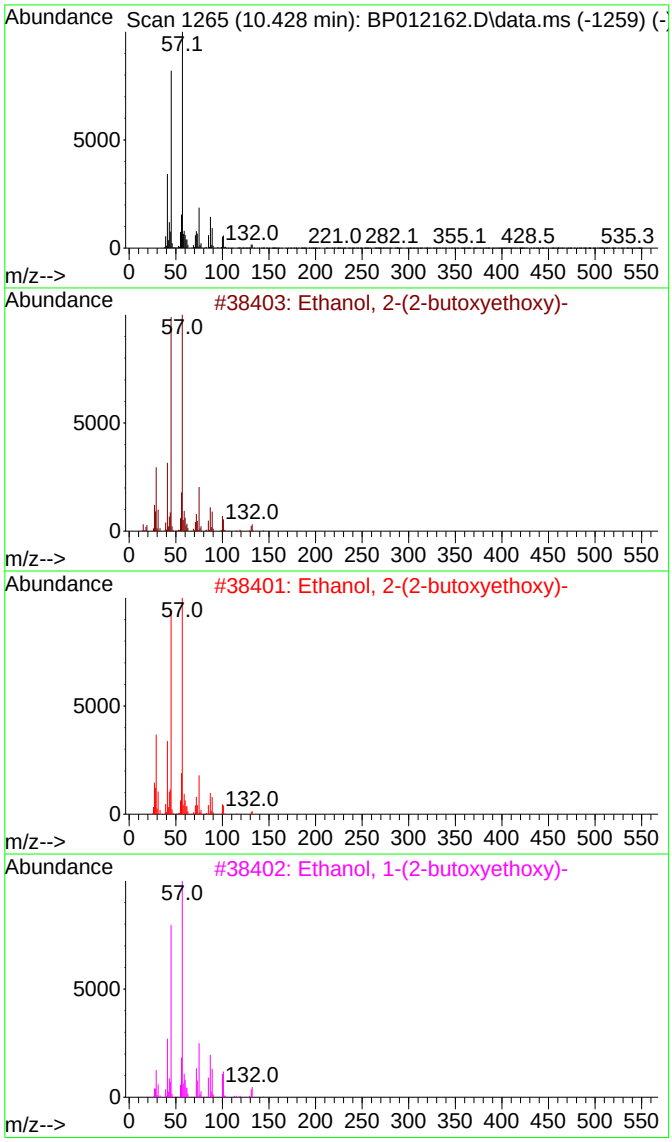
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

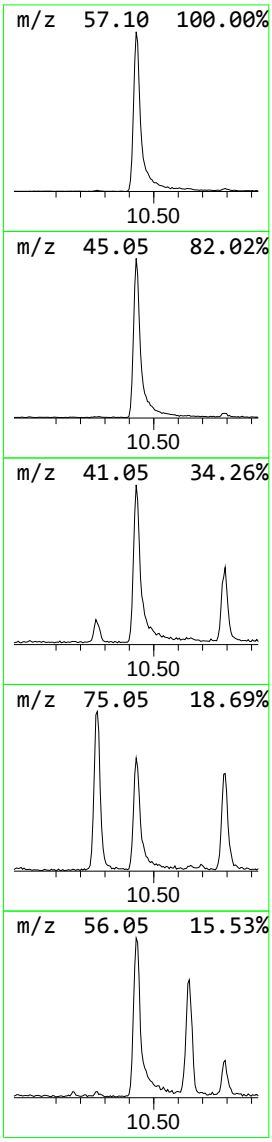
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	4.56 ng/ul	461999	Naphthalene-d8	10.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
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Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
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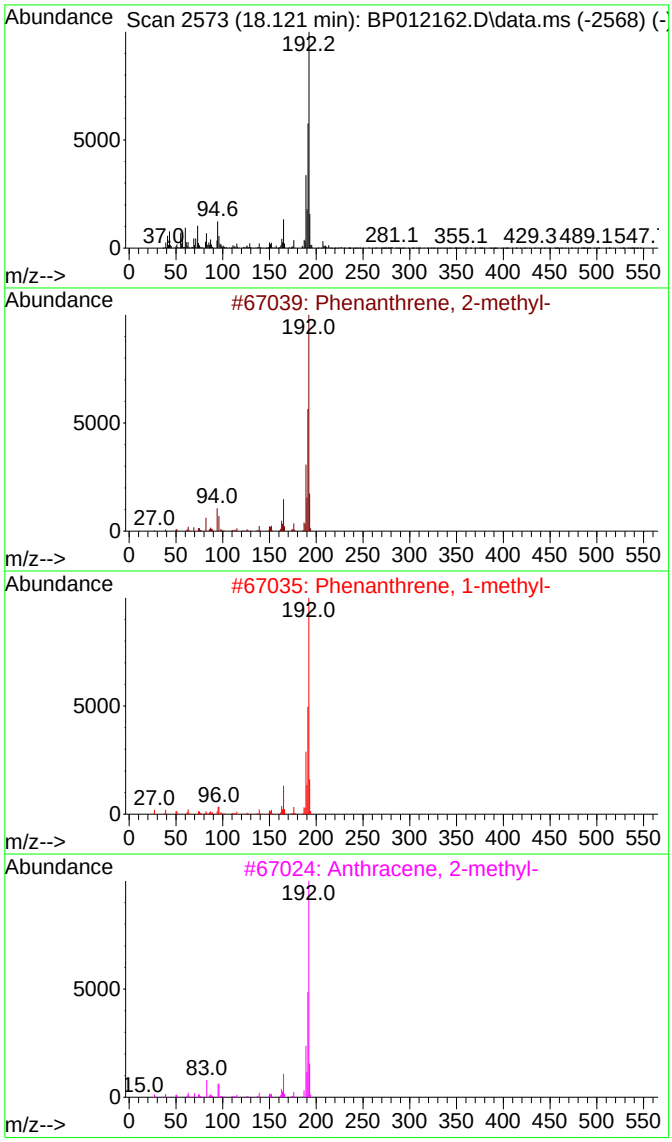
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

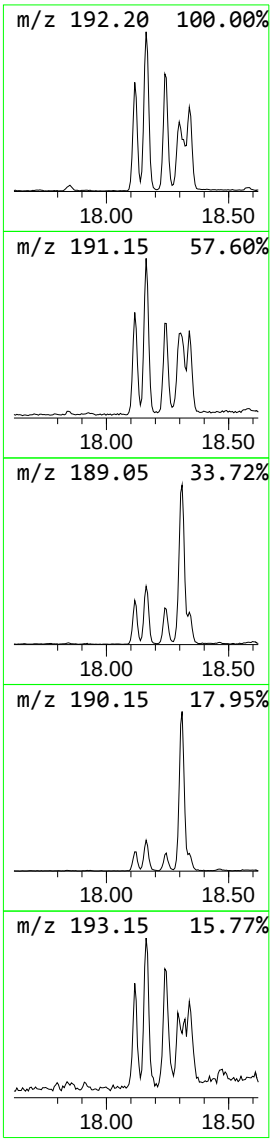
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.36 ng/ul	367961	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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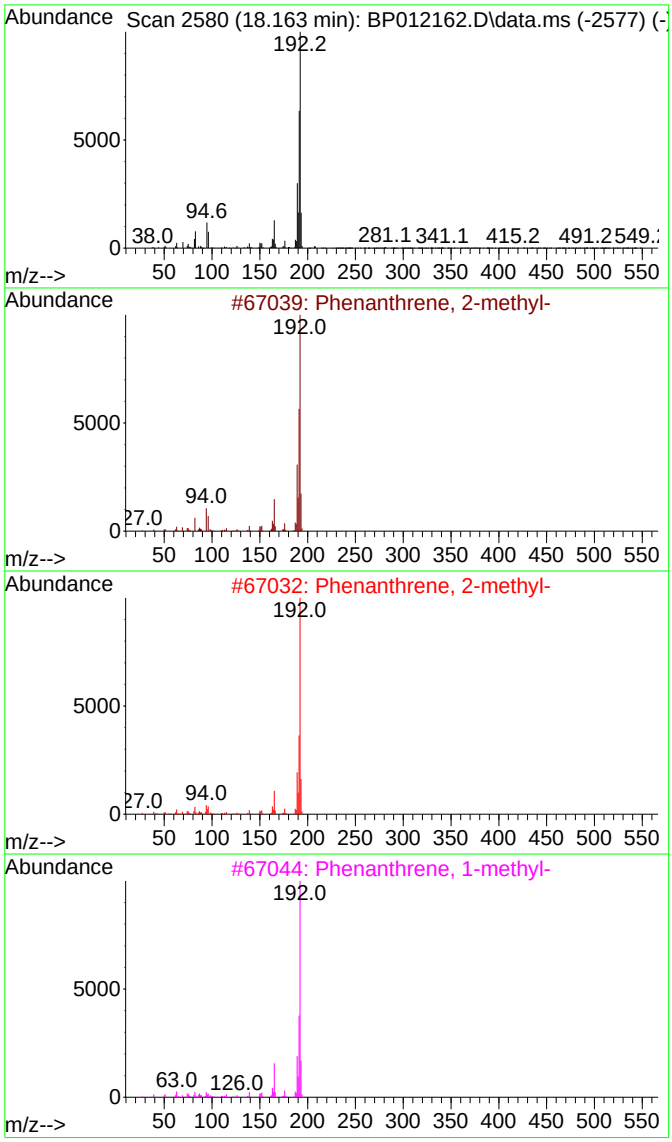
Quant Title : SVOA CALIBRATION

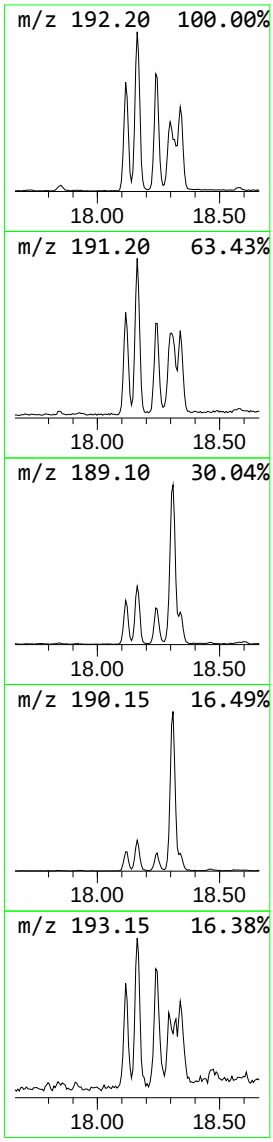
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.24 ng/ul	348946	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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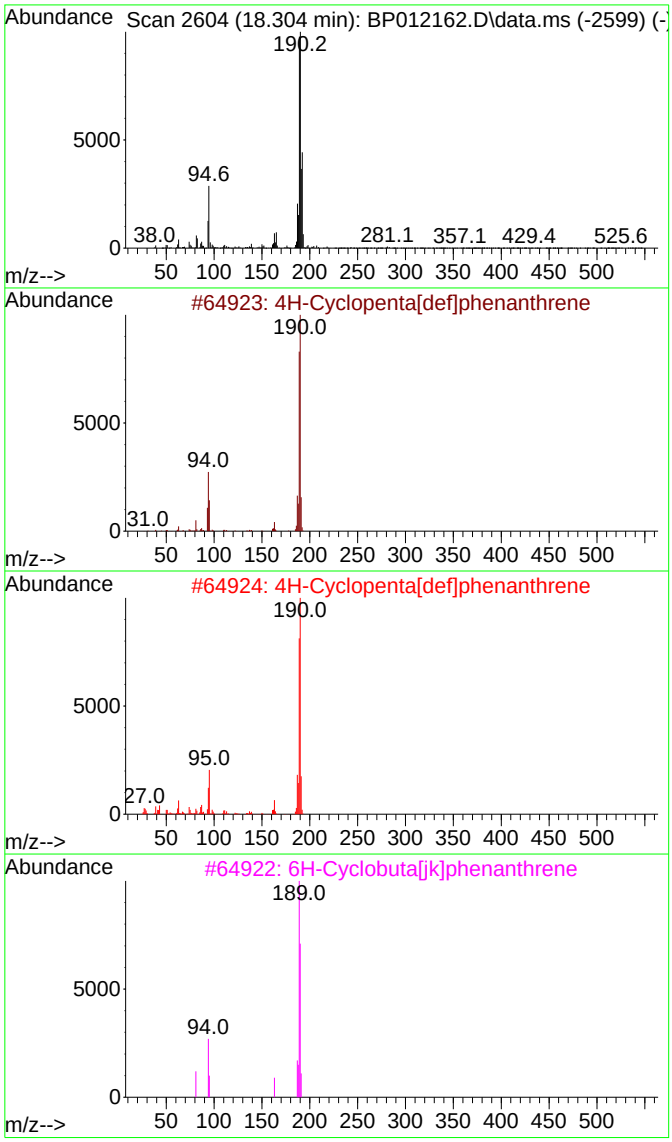
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

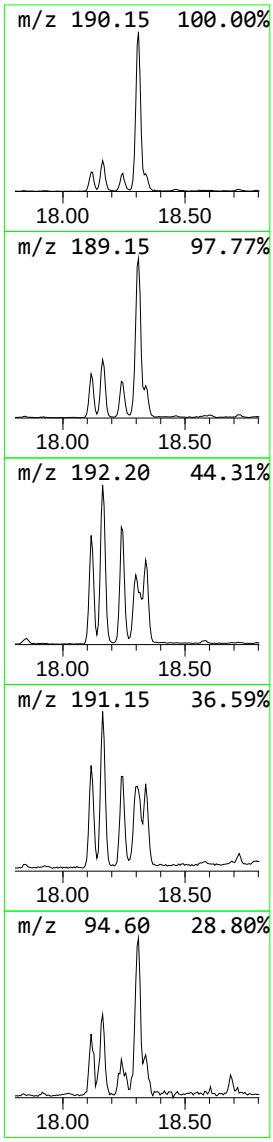
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.13 ng/ul	487109	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47





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Operator : CG/JU
Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNC6

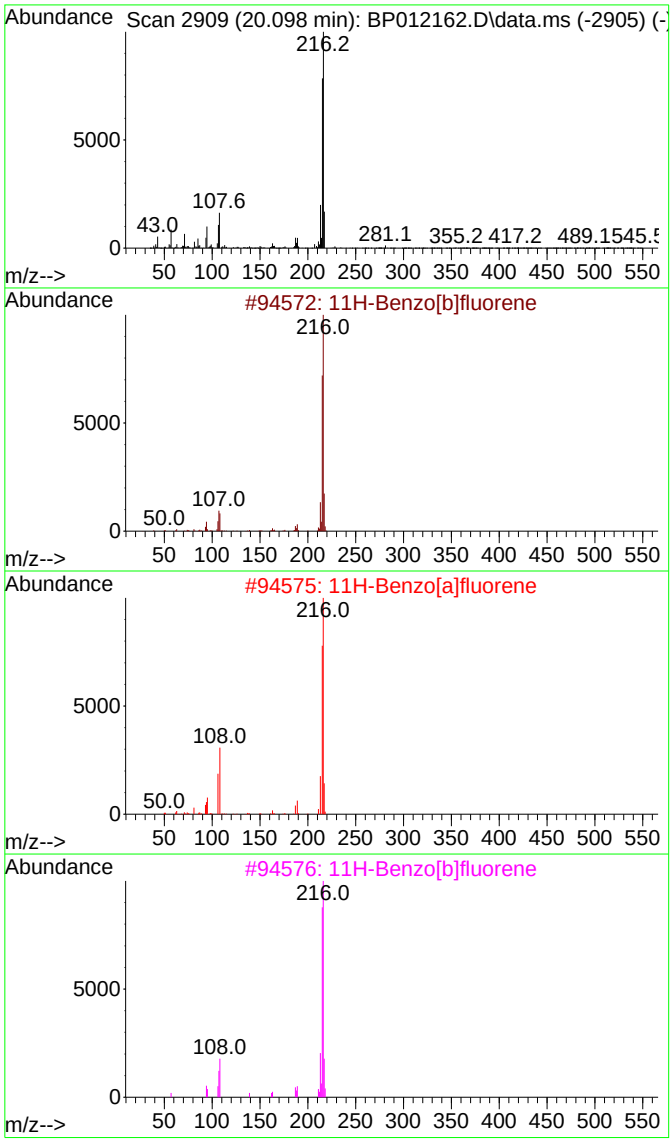
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

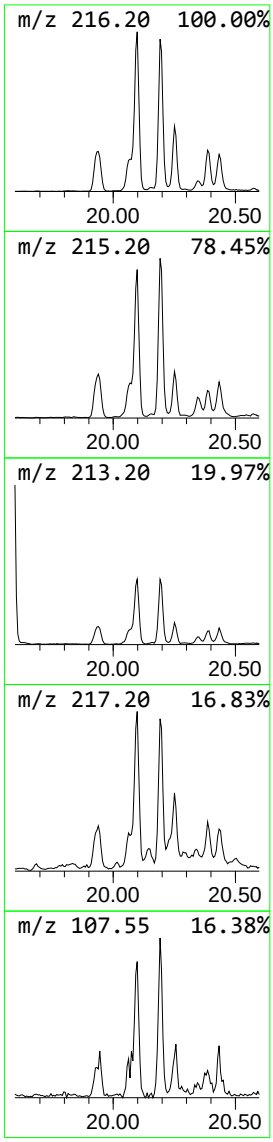
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.098	2.34 ng/ul	708146	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Data File : BP012162.D
Acq On : 15 Oct 2022 05:34
Operator : CG/JU
Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

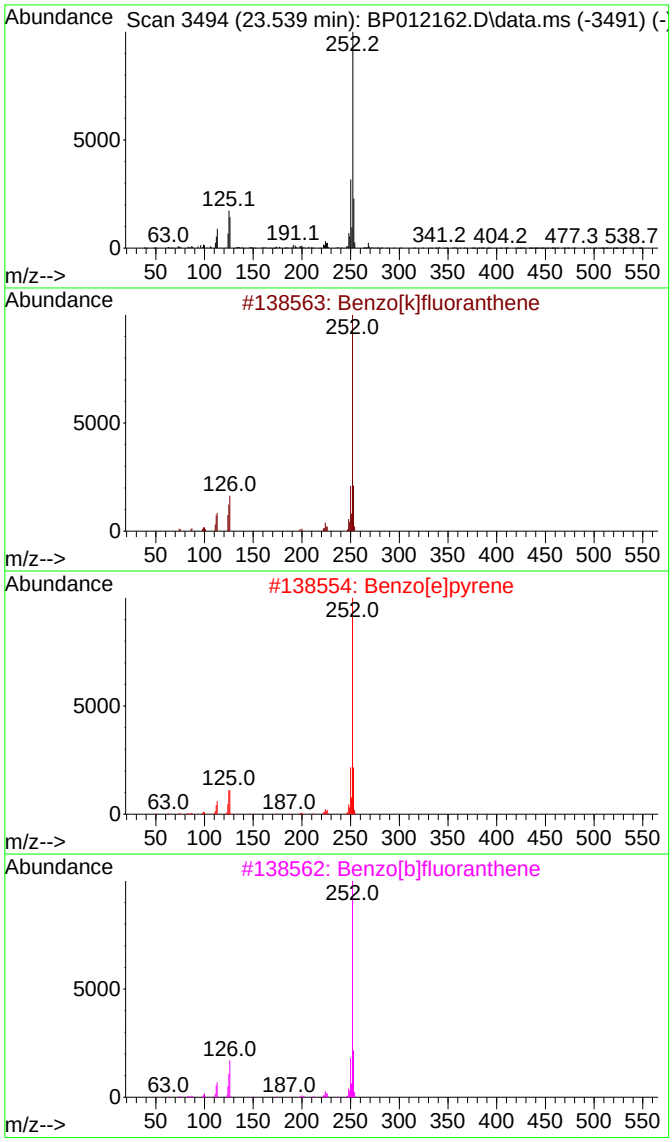
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

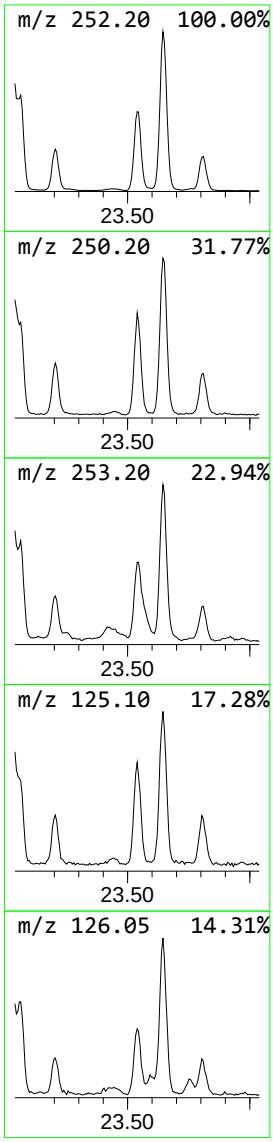
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.539	2.14 ng/ul	387501	Perylene-d12	23.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012162.D
Acq On : 15 Oct 2022 05:34
Operator : CG/JU
Sample : N4984-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.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
Ethanol, 2-(2-b...	10.428	4.6	ng/ul	461999	2	10.645	2025020	20.0
Phenanthrene, 2...	18.121	2.4	ng/ul	367961	4	17.251	3117020	20.0
Phenanthrene, 1...	18.163	2.2	ng/ul	348946	4	17.251	3117020	20.0
4H-Cyclopenta[d...	18.304	3.1	ng/ul	487109	4	17.251	3117020	20.0
11H-Benzo[b]flu...	20.098	2.3	ng/ul	708146	5	21.339	6064150	20.0
Benzo[e]pyrene	23.539	2.1	ng/ul	387501	6	23.756	3620630	20.0