LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023773.D
Acq On : 24 Jan 2023 12:37
Operator : CG/JU
Sample : 01226-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

Signal : TIC: BN023773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.270	28	31	44	rVB	44582	72082	1.49%	0.132%
2	3.552	76	79	84	rBV2	5642	7201	0.15%	0.013%
3	3.693	100	103	128	rBV	368242	590671	12.23%	1.084%
4	3.928	138	143	149	rVB	18129	29339	0.61%	0.054%
5	4.028	156	160	167	rVB	16145	22643	0.47%	0.042%
6	4.405	221	224	228	rVB5	6759	8339	0.17%	0.015%
7	4.481	233	237	243	rVB3	25156	39002	0.81%	0.072%
8	4.858	298	301	306	rVB7	3621	4994	0.10%	0.009%
9	5.311	373	378	382	rVB3	4007	5998	0.12%	0.011%
10	5.364	382	387	391	rBV3	5805	11156	0.23%	0.020%
11	5.664	433	438	442	rVB7	4356	6706	0.14%	0.012%
12	6.152	513	521	526	rBV2	8412	16658	0.34%	0.031%
13	7.052	667	674	683	rVB	199931	324920	6.73%	0.596%
14	7.216	695	702	712	rBV	684260	1033322	21.40%	1.895%
15	7.416	729	736	747	rVV	632616	994780	20.60%	1.825%
16	7.499	747	750	757	rVB8	4870	7378	0.15%	0.014%
17	7.887	809	816	823	rBV	845933	1306433	27.05%	2.396%
18	7.981	823	832	837	rVB4	38181	74319	1.54%	0.136%
19	8.234	869	875	880	rBV3	5871	8885	0.18%	0.016%
20	8.599	930	937	947	rBV	665944	1018107	21.08%	1.868%
21	8.710	953	956	961	rVB5	2682	5049	0.10%	0.009%
22	8.775	963	967	971	rVV3	9284	15257	0.32%	0.028%
23	8.810	971	973	978	rVB5	5448	6970	0.14%	0.013%
24	8.958	992	998	1004	rBV	18257	32066	0.66%	0.059%
25	9.058	1007	1015	1029	rBV	775366	1266392	26.22%	2.323%
26	9.281	1047	1053	1061	rBV	82124	125351	2.60%	0.230%
27	9.387	1067	1071	1077	rVB6	4153	6887	0.14%	0.013%
28	9.463	1077	1084	1087	rBV2	12718	19629	0.41%	0.036%
29	9.510	1087	1092	1096	rVB	18698	26561	0.55%	0.049%
30	9.705	1120	1125	1131	rBV8	4712	11307	0.23%	0.021%
31	9.775	1131	1137	1151	rVB	597844	985828	20.41%	1.808%
32	10.181	1200	1206	1209	rBV5	3461	6082	0.13%	0.011%
33	10.252	1210	1218	1222	rVB5	9854	18497	0.38%	0.034%
34	10.316	1222	1229	1241	rBV	972961	1565337	32.41%	2.871%
35	10.481	1251	1257	1260	rBV7	3474	6744	0.14%	0.012%
36	10.563	1265	1271	1277	rBV8	2827	8621	0.18%	0.016%

LSC Area Percent Report

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Sample : 01226-08
Misc :
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Instrument :
BNA_N
ClientSampleId :
EX9G4

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

37	10.699	1285	1294	1302	rBV	1139529	1882572	38.98%	3.453%
38	10.840	1311	1318	1331	rBV	1013611	1684698	34.89%	3.090%
39	11.234	1380	1385	1389	rVB7	4723	6933	0.14%	0.013%
40	11.357	1403	1406	1411	rVB7	5376	9067	0.19%	0.017%
41	11.475	1417	1426	1429	rBV6	9229	17472	0.36%	0.032%
42	11.557	1435	1440	1445	rBV6	9677	16778	0.35%	0.031%
43	11.675	1454	1460	1472	rBV	46559	82747	1.71%	0.152%
44	11.769	1472	1476	1482	rVB4	16542	27852	0.58%	0.051%
45	11.840	1482	1488	1496	rBV9	8319	24451	0.51%	0.045%
46	11.904	1496	1499	1501	rVV3	5109	7445	0.15%	0.014%
47	11.952	1504	1507	1513	rVB4	8655	14808	0.31%	0.027%
48	12.034	1513	1521	1530	rBV9	6205	20095	0.42%	0.037%
49	12.281	1557	1563	1568	rBV3	17019	30214	0.63%	0.055%
50	12.334	1568	1572	1578	rVB8	3679	6595	0.14%	0.012%
51	12.422	1583	1587	1592	rVB7	4638	9075	0.19%	0.017%
52	12.610	1615	1619	1624	rVB6	5751	10057	0.21%	0.018%
53	12.763	1640	1645	1648	rBV7	3648	7725	0.16%	0.014%
54	12.893	1663	1667	1668	rBV4	5288	6264	0.13%	0.011%
55	12.975	1675	1681	1683	rBV7	5017	9116	0.19%	0.017%
56	13.075	1691	1698	1702	rBV9	9231	23612	0.49%	0.043%
57	13.128	1704	1707	1714	rVB6	12787	23799	0.49%	0.044%
58	13.304	1734	1737	1742	rBV6	5797	7855	0.16%	0.014%
59	13.357	1742	1746	1749	rBV2	9483	12576	0.26%	0.023%
60	13.434	1754	1759	1763	rVB3	15992	24682	0.51%	0.045%
61	13.498	1764	1770	1771	rBV5	7166	12748	0.26%	0.023%
62	13.840	1825	1828	1830	rBV4	5410	6993	0.14%	0.013%
63	13.946	1839	1846	1856	rVV	1886571	2598856	53.82%	4.767%
64	14.028	1857	1860	1862	rVV4	7946	10031	0.21%	0.018%
65	14.063	1862	1866	1875	rVB4	11056	27432	0.57%	0.050%
66	14.228	1888	1894	1904	rBV	2122115	2934272	60.76%	5.383%
67	14.334	1910	1912	1917	rVB5	13421	18109	0.37%	0.033%
68	14.410	1921	1925	1929	rVV	32682	54470	1.13%	0.100%
69	14.457	1929	1933	1939	rVV2	37996	61161	1.27%	0.112%
70	14.534	1940	1946	1953	rVB	1641651	2411833	49.94%	4.424%
71	14.740	1976	1981	1987	rBV	121612	194763	4.03%	0.357%
72	14.804	1987	1992	1997	rVB	69281	104382	2.16%	0.191%
73	14.951	2014	2017	2020	rBV4	13712	15692	0.32%	0.029%
74	15.004	2021	2026	2033	rVB5	54430	125185	2.59%	0.230%
75	15.363	2083	2087	2093	rVB	100887	140169	2.90%	0.257%
76	15.528	2109	2115	2124	rVB	2755997	3710304	76.83%	6.806%

LSC Area Percent Report

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Sample : 01226-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

77	15.645	2130	2135	2142	rBV	663849	902646	18.69%	1.656%
78	15.892	2172	2177	2184	rBV	713820	949470	19.66%	1.742%
79	16.310	2244	2248	2253	rBV	141621	181013	3.75%	0.332%
80	16.687	2308	2312	2317	rVB4	34538	53910	1.12%	0.099%
81	16.881	2342	2345	2351	rVB	63603	82570	1.71%	0.151%
82	17.039	2368	2372	2378	rBV2	83118	118774	2.46%	0.218%
83	17.281	2408	2413	2420	rVB	2126420	2888336	59.81%	5.298%
84	17.381	2424	2430	2439	rBV	2988500	4095083	84.80%	7.512%
85	17.457	2440	2443	2448	rVB6	50537	73934	1.53%	0.136%
86	17.769	2491	2496	2507	rBV	292873	483804	10.02%	0.887%
87	18.181	2561	2566	2577	rBV	844666	1274286	26.39%	2.338%
88	19.457	2779	2783	2798	rBV	229873	345767	7.16%	0.634%
89	19.675	2815	2820	2826	rBV	3708996	4829107	100.00%	8.858%
90	19.910	2857	2860	2866	rVB	101602	119750	2.48%	0.220%
91	21.175	3071	3075	3086	rVB	983270	1254656	25.98%	2.302%
92	21.475	3121	3126	3134	rBV2	2322460	2779479	57.56%	5.099%
93	22.733	3336	3340	3345	rVB	315092	422719	8.75%	0.775%
94	23.733	3503	3510	3524	rVB2	2214431	4642279	96.13%	8.516%
95	23.898	3531	3538	3547	rBV2	1490187	2934647	60.77%	5.383%

Sum of corrected areas: 54514629

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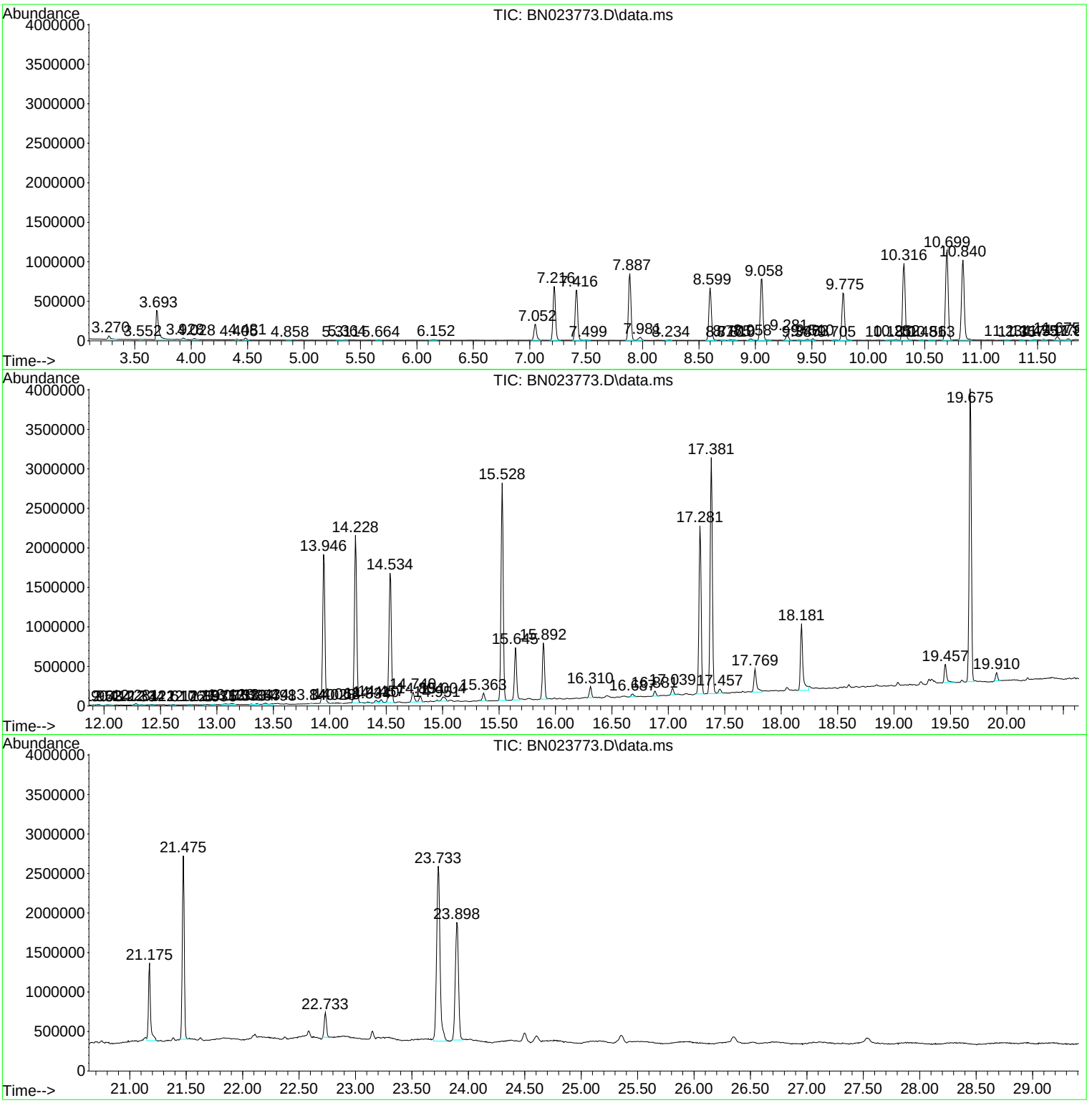
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

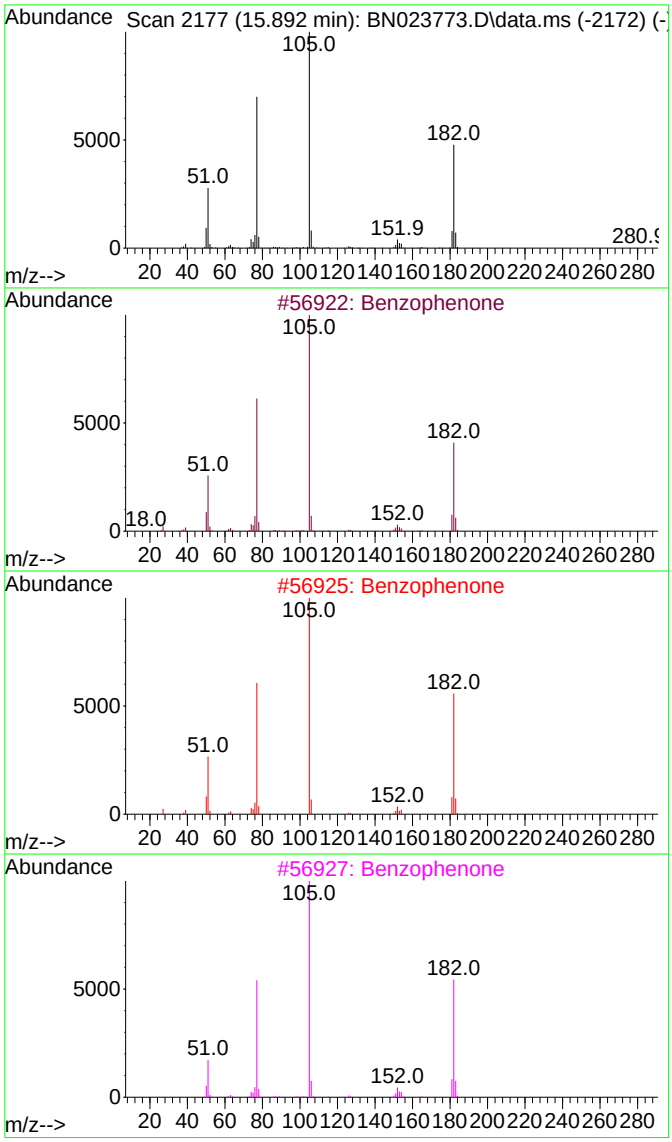
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

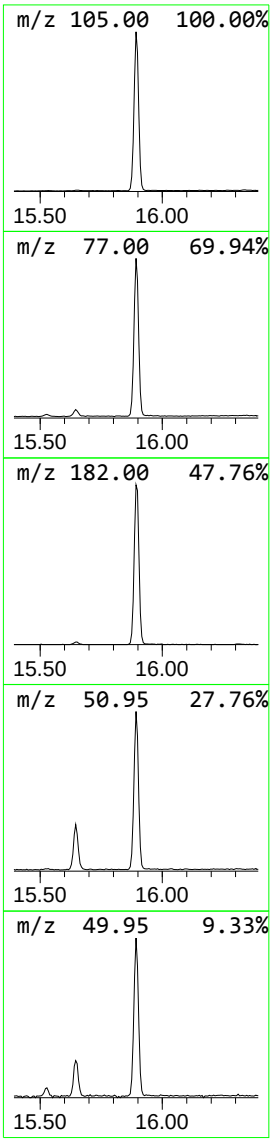
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	7.87 ng/ul	949470	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023773.D
Acq On : 24 Jan 2023 12:37
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Sample : 01226-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

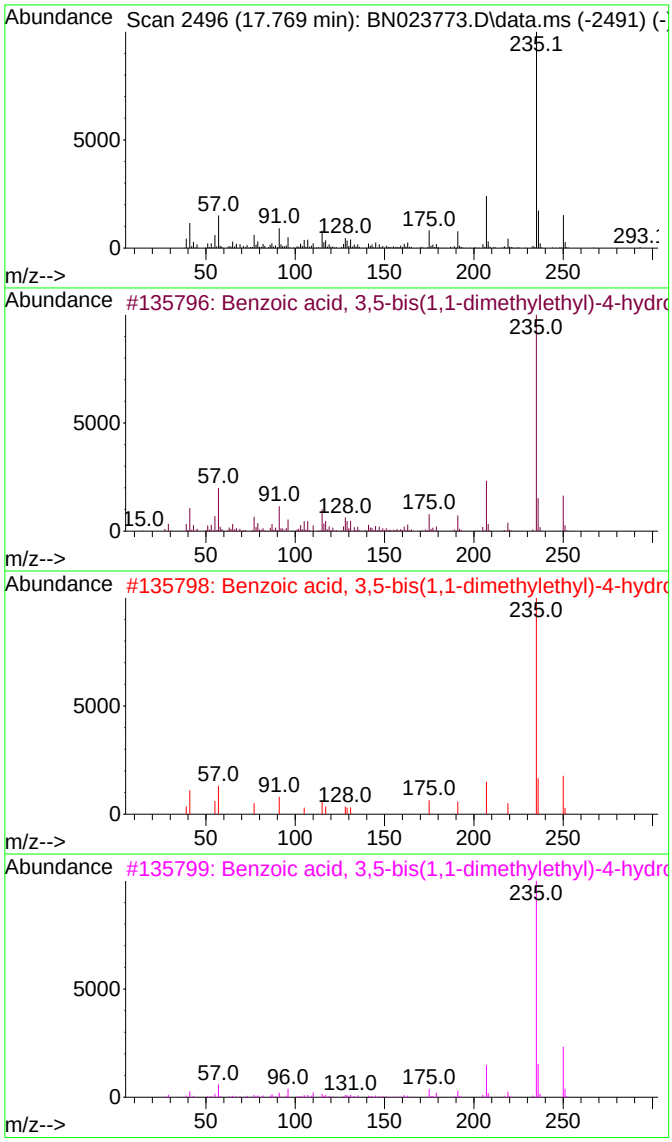
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

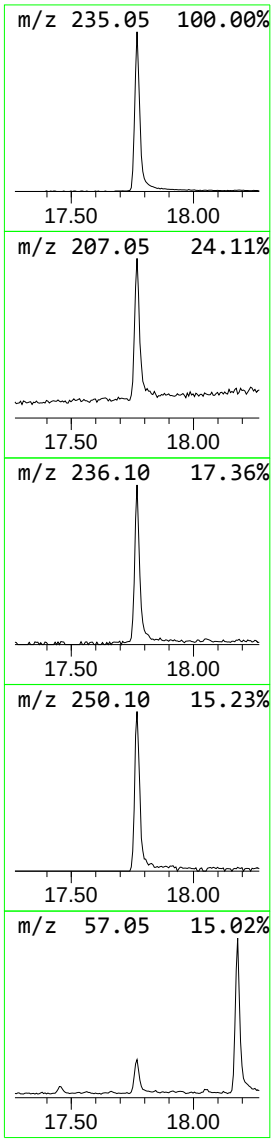
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	3.35 ng/ul	483804	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	98
2	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	98
3	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	94
4	4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	76
5	3-tert-Butylbenzoic acid, TMS	250	C14H22O2Si	1000507-56-6	64





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

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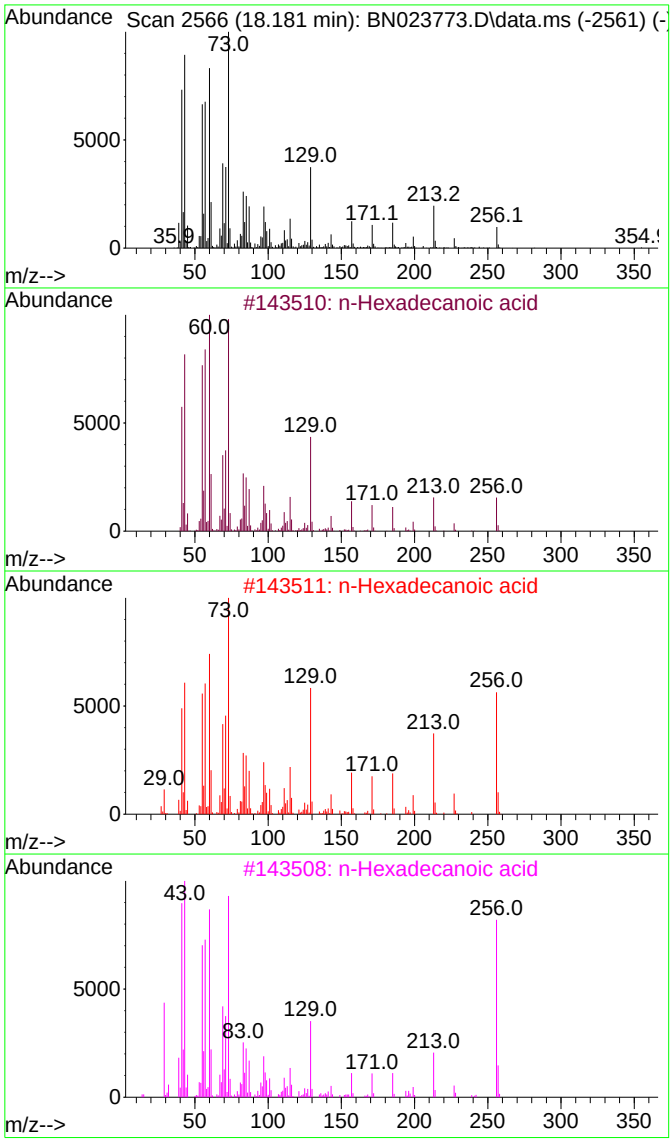
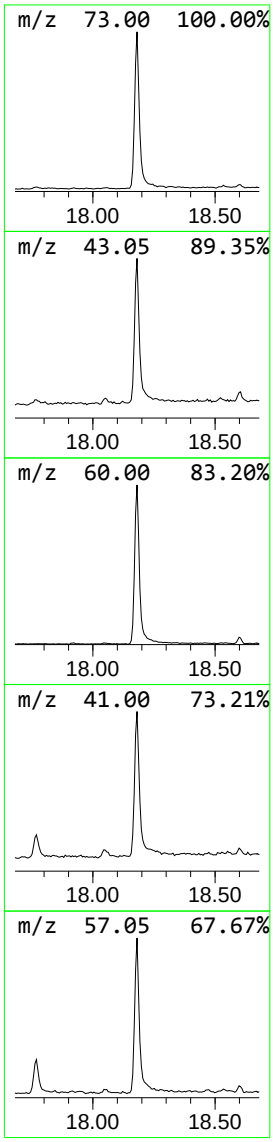
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	8.82 ng/ul	1274290	Phenanthrene-d10	17.281

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

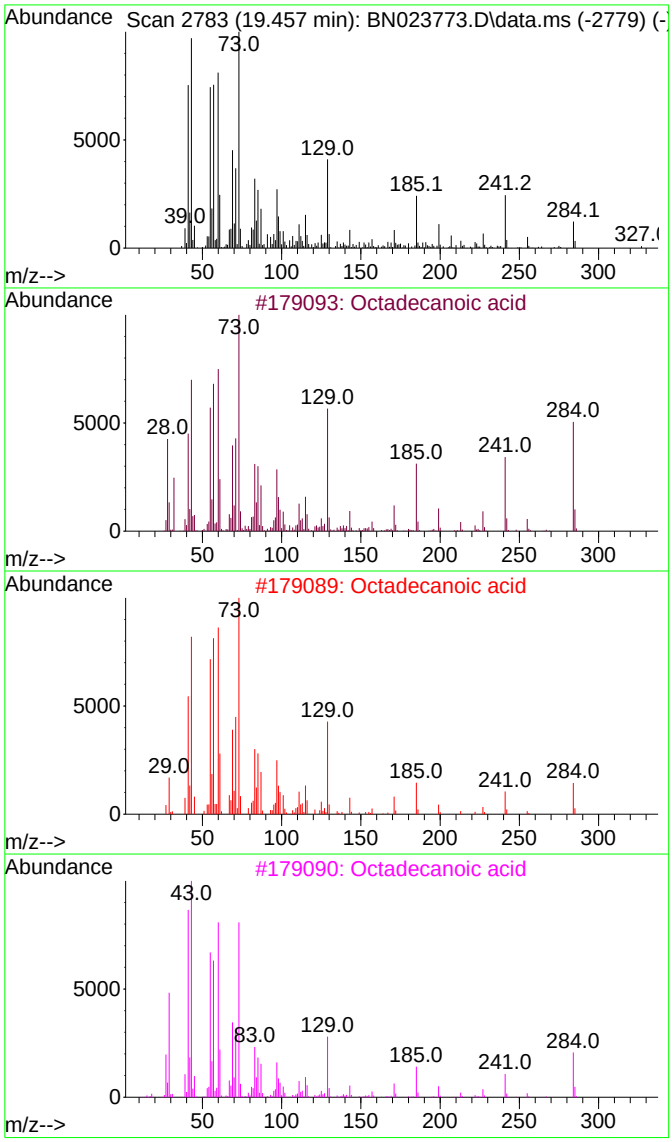
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

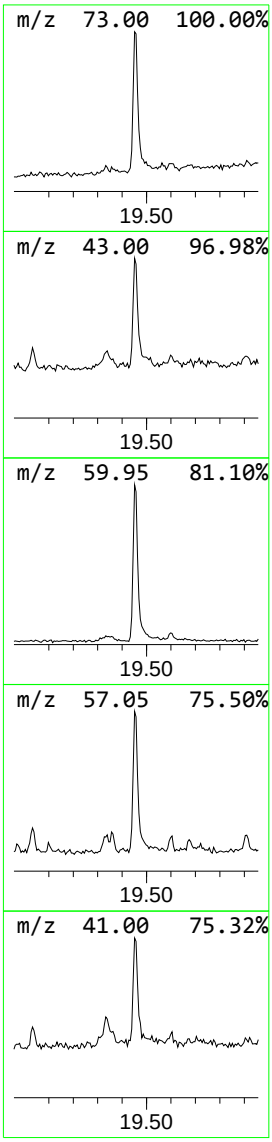
****

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	2.49 ng/ul	345767	Chrysene-d12	21.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Sample : 01226-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

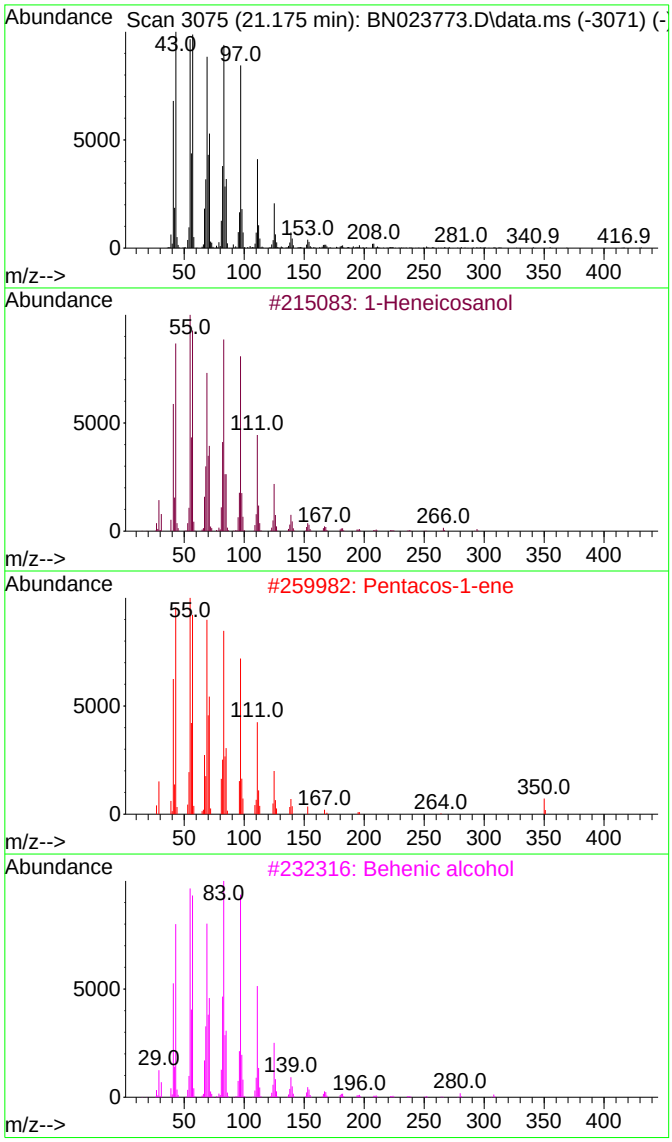
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

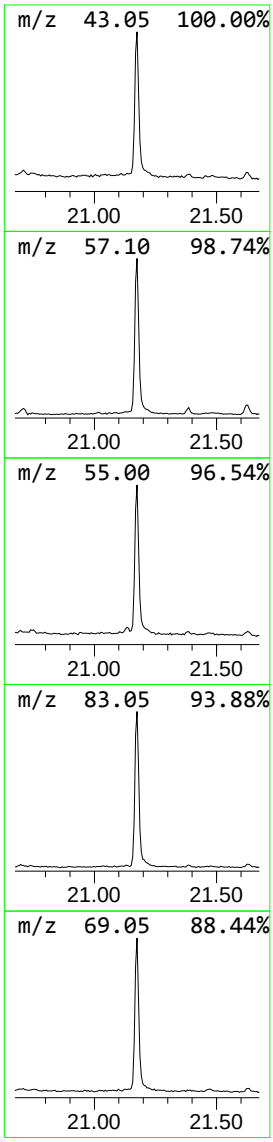
****

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.175	9.03 ng/ul	1254660	Chrysene-d12	21.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

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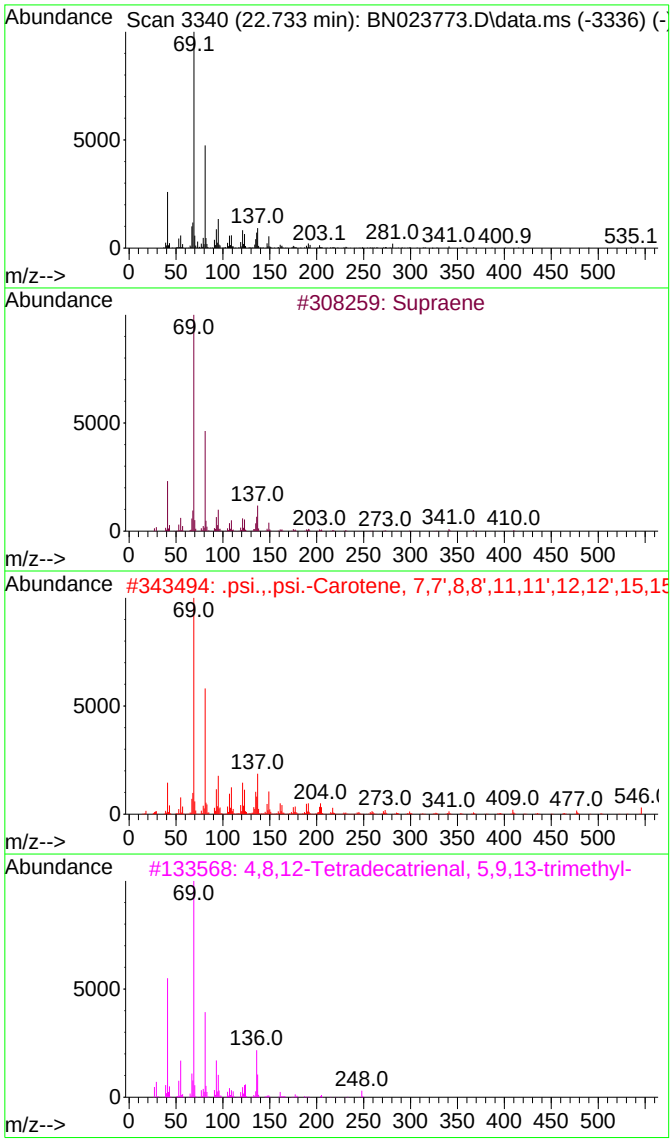
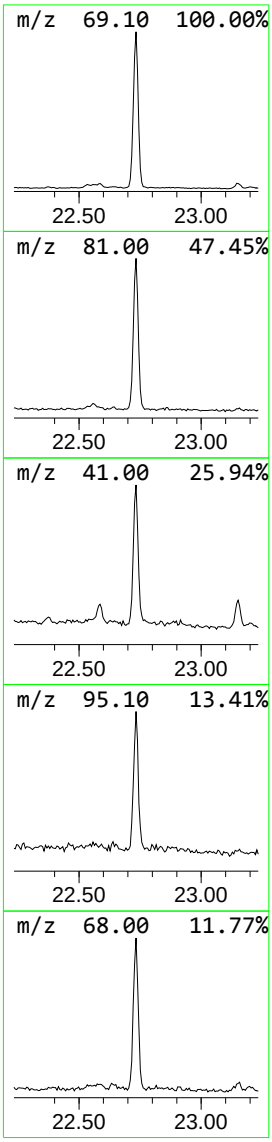
Peak Number 6 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.733	2.88 ng/ul	422719	Perylene-d12	23.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	80
5	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023773.D
Acq On : 24 Jan 2023 12:37
Operator : CG/JU
Sample : 01226-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EX9G4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.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	15.893	7.9	ng/ul	949470	3	14.534	2411830	20.0
Benzoic acid, 3...	17.769	3.4	ng/ul	483804	4	17.281	2888340	20.0
n-Hexadecanoic ...	18.181	8.8	ng/ul	1274290	4	17.281	2888340	20.0
Octadecanoic acid	19.457	2.5	ng/ul	345767	5	21.474	2779480	20.0
1-Heneicosanol	21.175	9.0	ng/ul	1254660	5	21.474	2779480	20.0
Supraene	22.733	2.9	ng/ul	422719	6	23.898	2934650	20.0