LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015406.D
Acq On : 07 Jun 2023 19:15
Operator : MA/JU
Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW985

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.411	34	38	42	rBV	25599	33751	0.79%	0.079%
2	3.899	119	121	128	rBV4	8993	22603	0.53%	0.053%
3	3.963	128	132	138	rVB3	11334	19375	0.45%	0.045%
4	4.087	149	153	160	rVB3	16384	21740	0.51%	0.051%
5	4.187	166	170	175	rBV	18920	27706	0.65%	0.065%
6	4.646	245	248	251	rVB4	6449	8282	0.19%	0.019%
7	5.134	328	331	338	rBV5	7229	13250	0.31%	0.031%
8	6.052	481	487	495	rVB7	8813	21649	0.51%	0.051%
9	6.469	554	558	564	rVB8	4141	8249	0.19%	0.019%
10	6.552	564	572	574	rBV9	5035	9553	0.22%	0.022%
11	7.175	672	678	680	rBV6	5611	7246	0.17%	0.017%
12	7.210	680	684	685	rVV3	6492	8707	0.20%	0.020%
13	7.251	685	691	705	rVB	458014	825478	19.37%	1.933%
14	7.422	712	720	731	rBV	383071	626986	14.71%	1.468%
15	7.622	748	754	764	rBV	484000	806327	18.92%	1.888%
16	7.699	765	767	771	rVV4	5968	8364	0.20%	0.020%
17	7.746	771	775	782	rVB10	5223	11056	0.26%	0.026%
18	8.098	824	835	842	rBV	414648	662631	15.55%	1.552%
19	8.275	860	865	868	rBV7	6439	9927	0.23%	0.023%
20	8.651	921	929	938	rVB10	10200	29109	0.68%	0.068%
21	8.763	942	948	950	rBV6	3754	7467	0.18%	0.017%
22	8.810	950	956	964	rBV	563630	959189	22.51%	2.246%
23	8.869	964	966	971	rVB4	13530	18969	0.45%	0.044%
24	8.934	971	977	988	rBV	226834	375205	8.80%	0.879%
25	9.210	1017	1024	1028	rVB9	7628	16289	0.38%	0.038%
26	9.275	1028	1035	1045	rVV	490073	839840	19.70%	1.967%
27	9.369	1048	1051	1055	rVV6	6848	11482	0.27%	0.027%
28	9.434	1055	1062	1073	rVB6	10842	41736	0.98%	0.098%
29	9.528	1073	1078	1081	rBV7	4947	7577	0.18%	0.018%
30	9.657	1096	1100	1106	rBV3	20207	35077	0.82%	0.082%
31	9.740	1109	1114	1118	rVB7	8085	12124	0.28%	0.028%
32	9.834	1121	1130	1133	rBV9	8686	19603	0.46%	0.046%
33	10.004	1150	1159	1170	rBV	431000	741250	17.39%	1.736%
34	10.093	1170	1174	1181	rVB10	14222	28217	0.66%	0.066%
35	10.193	1187	1191	1194	rBV6	9487	16455	0.39%	0.039%
36	10.363	1215	1220	1226	rVB2	21377	38219	0.90%	0.090%

LSC Area Percent Report

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Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW985

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	10.545	1237	1251	1261	rBV	585273	1083624	25.42%	2.538%
38	10.928	1309	1316	1322	rBV	615799	1012586	23.76%	2.371%
39	11.069	1330	1340	1357	rBV	438183	886992	20.81%	2.077%
40	11.404	1393	1397	1404	rVB9	14754	27383	0.64%	0.064%
41	11.475	1404	1409	1417	rBV10	11366	30320	0.71%	0.071%
42	11.751	1449	1456	1460	rBV6	16040	35630	0.84%	0.083%
43	11.828	1465	1469	1477	rVB10	8511	21787	0.51%	0.051%
44	11.928	1482	1486	1489	rVV	23363	33070	0.78%	0.077%
45	11.969	1489	1493	1497	rVB4	15297	22552	0.53%	0.053%
46	12.110	1512	1517	1521	rBV8	8376	16813	0.39%	0.039%
47	12.163	1522	1526	1528	rVV5	9633	16523	0.39%	0.039%
48	12.192	1528	1531	1536	rVB5	10579	15998	0.38%	0.037%
49	12.416	1565	1569	1571	rBV5	6418	9395	0.22%	0.022%
50	12.510	1582	1585	1587	rBV3	9279	9248	0.22%	0.022%
51	12.734	1616	1623	1624	rBV7	8785	15999	0.38%	0.037%
52	12.945	1656	1659	1666	rVB9	10202	15758	0.37%	0.037%
53	13.263	1708	1713	1720	rVB	41527	63952	1.50%	0.150%
54	13.545	1757	1761	1764	rBV3	20846	29808	0.70%	0.070%
55	13.622	1770	1774	1781	rBV7	25059	43823	1.03%	0.103%
56	13.981	1833	1835	1838	rBV4	8500	9852	0.23%	0.023%
57	14.069	1846	1850	1855	rVB8	13576	21926	0.51%	0.051%
58	14.145	1855	1863	1869	rBV	1349356	1885021	44.23%	4.415%
59	14.204	1869	1873	1878	rVB3	62781	93843	2.20%	0.220%
60	14.292	1886	1888	1892	rBV5	8392	12643	0.30%	0.030%
61	14.375	1899	1902	1905	rBV5	10541	14240	0.33%	0.033%
62	14.439	1906	1913	1928	rVB	1449167	2266880	53.19%	5.309%
63	14.563	1930	1934	1939	rVB7	22277	34263	0.80%	0.080%
64	14.651	1945	1949	1954	rVB	40801	55771	1.31%	0.131%
65	14.745	1959	1965	1971	rVV	988189	1495393	35.09%	3.502%
66	14.810	1971	1976	1981	rVB3	37695	61151	1.43%	0.143%
67	14.945	1994	1999	2015	rBV	282577	687233	16.12%	1.609%
68	15.210	2042	2044	2047	rBV3	12989	14097	0.33%	0.033%
69	15.351	2064	2068	2073	rBV5	22653	44951	1.05%	0.105%
70	15.610	2110	2112	2118	rVB3	23519	33772	0.79%	0.079%
71	15.733	2127	2133	2140	rBV	1933193	2777714	65.17%	6.505%
72	15.857	2149	2154	2161	rBV	490139	720298	16.90%	1.687%
73	15.916	2162	2164	2168	rVB	29063	28461	0.67%	0.067%
74	16.098	2190	2195	2200	rVB	507835	684988	16.07%	1.604%
75	16.227	2215	2217	2220	rBV3	18680	20180	0.47%	0.047%
76	16.433	2247	2252	2262	rBV2	318938	601136	14.10%	1.408%

LSC Area Percent Report

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Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW985

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Title : SVOA CALIBRATION

77	16.557	2270	2273	2276	rBV3	19844	26322	0.62%	0.062%
78	16.710	2297	2299	2302	rVB	20440	19624	0.46%	0.046%
79	17.280	2393	2396	2399	rVB3	49218	60810	1.43%	0.142%
80	17.498	2427	2433	2438	rBV	1356732	1901676	44.62%	4.454%
81	17.539	2438	2440	2444	rVV	50011	58528	1.37%	0.137%
82	17.598	2444	2450	2460	rVV	2244415	3159025	74.12%	7.398%
83	18.074	2527	2531	2534	rVB	77661	102376	2.40%	0.240%
84	18.357	2574	2579	2585	rBV	394664	604017	14.17%	1.415%
85	18.480	2598	2600	2605	rVB3	43606	56418	1.32%	0.132%
86	18.833	2656	2660	2664	rBV2	108315	168879	3.96%	0.396%
87	18.921	2672	2675	2678	rVB2	110992	129401	3.04%	0.303%
88	19.233	2725	2728	2732	rBV	130596	182281	4.28%	0.427%
89	19.492	2769	2772	2776	rVB2	257003	311640	7.31%	0.730%
90	19.539	2777	2780	2784	rVV2	99065	139420	3.27%	0.327%
91	19.580	2784	2787	2793	rVB3	127835	156919	3.68%	0.367%
92	19.821	2822	2828	2832	rBV	2976289	4262104	100.00%	9.982%
93	20.480	2938	2940	2944	rVB	148757	154274	3.62%	0.361%
94	21.251	3068	3071	3077	rVB2	408254	565968	13.28%	1.325%
95	21.580	3121	3127	3131	rBV2	1571755	2475459	58.08%	5.797%
96	22.186	3227	3230	3234	rVB2	248835	298395	7.00%	0.699%
97	23.304	3417	3420	3425	rBV	254368	352008	8.26%	0.824%
98	23.968	3527	3533	3539	rBV2	1811323	3623324	85.01%	8.486%
99	24.133	3555	3561	3570	rVB	955901	1936002	45.42%	4.534%
100	24.762	3664	3668	3677	rVB3	295061	649384	15.24%	1.521%

Sum of corrected areas: 42700016

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Instrument :
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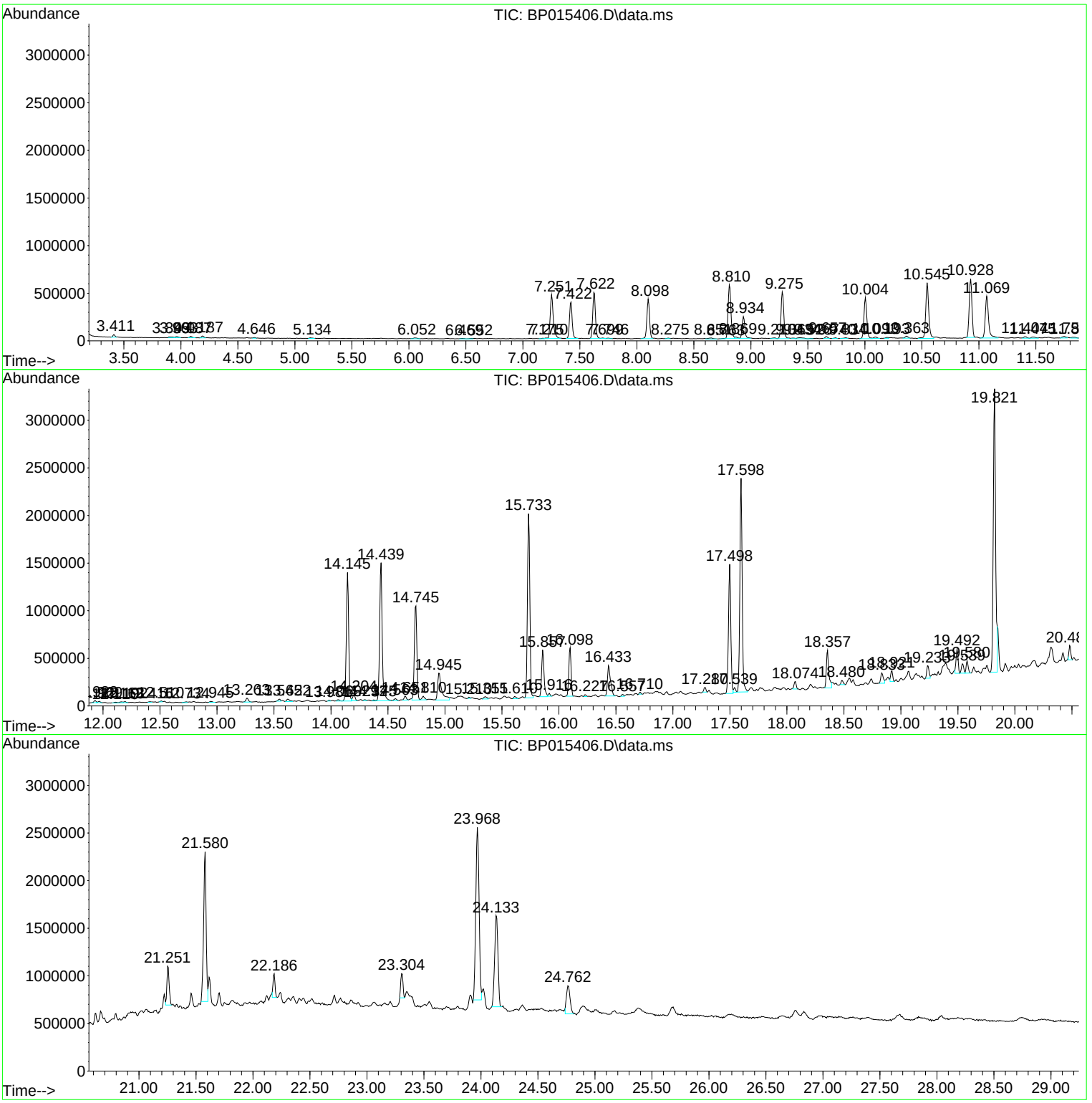
ClientSampleId :
EW985

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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\BP060723\
Data File : BP015406.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

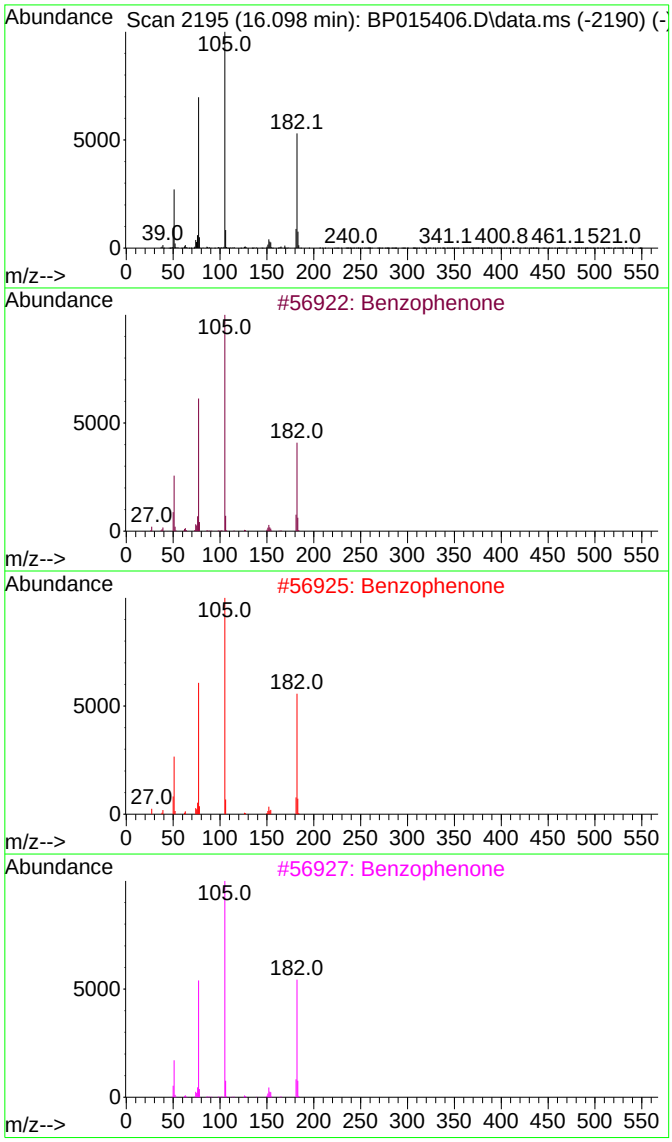
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

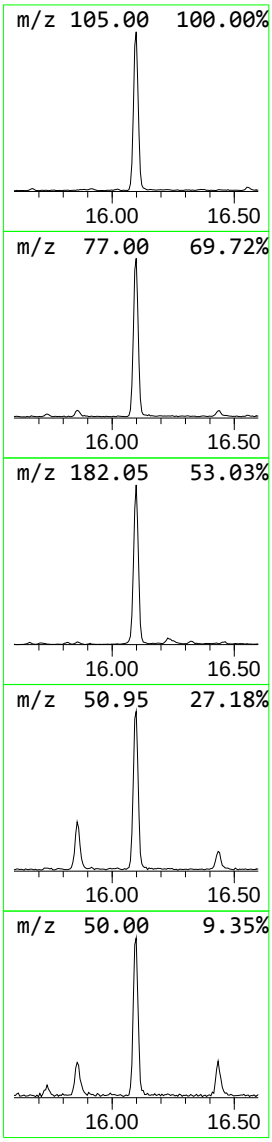
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	9.16 ng/ul	684988	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	86
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015406.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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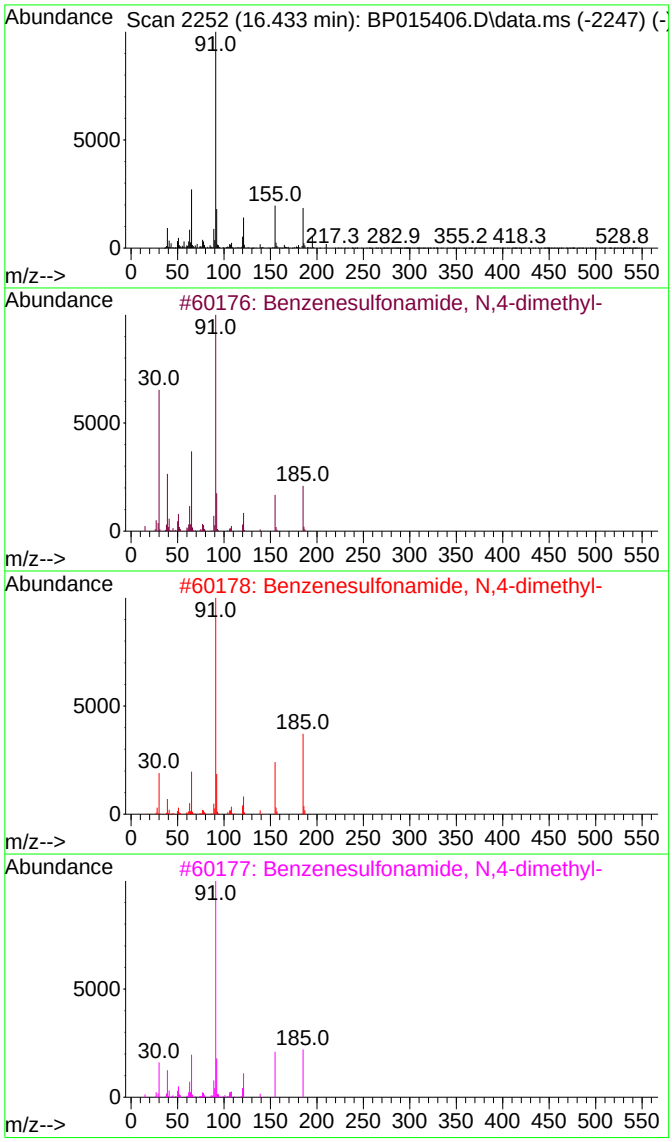
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

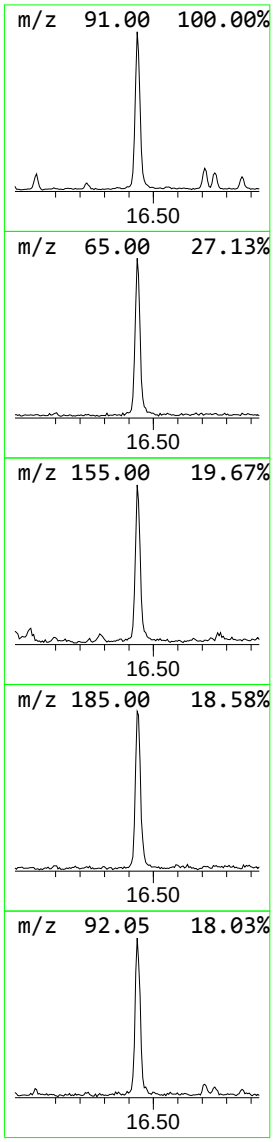
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	6.32 ng/ul	601136	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	86
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	81
3	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	64
4	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	58
5	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	53





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
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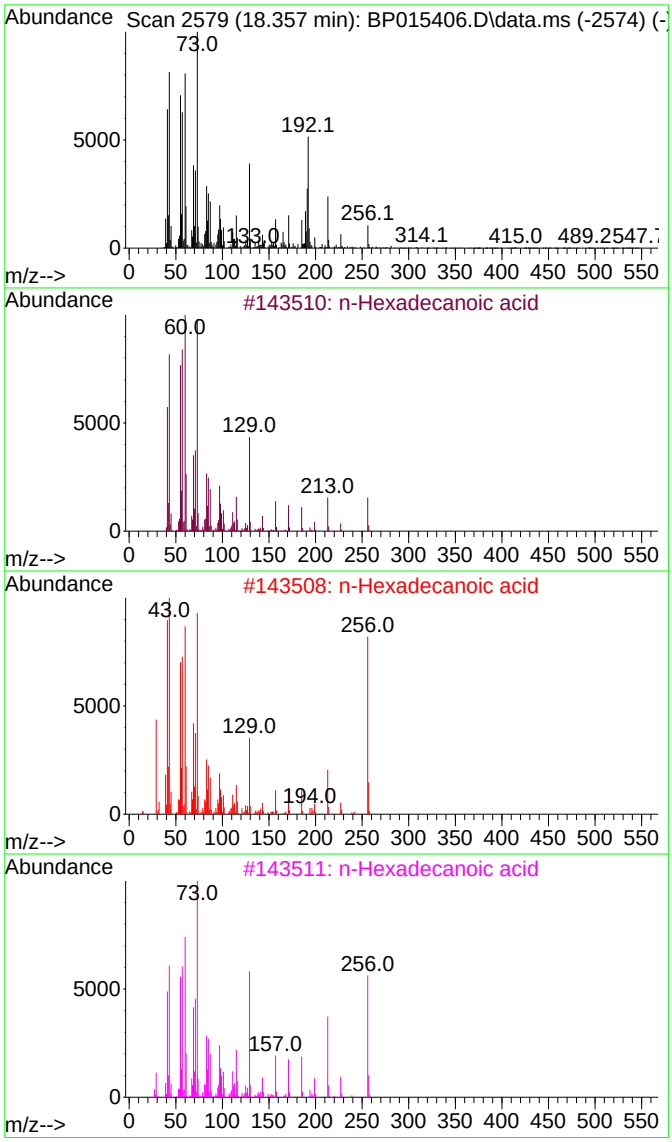
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

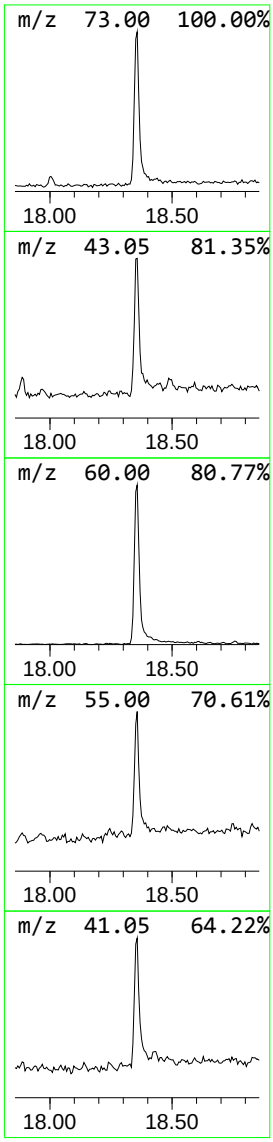
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	6.35 ng/ul	604017	Phenanthrene-d10	17.498

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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ClientSampleId :
EW985

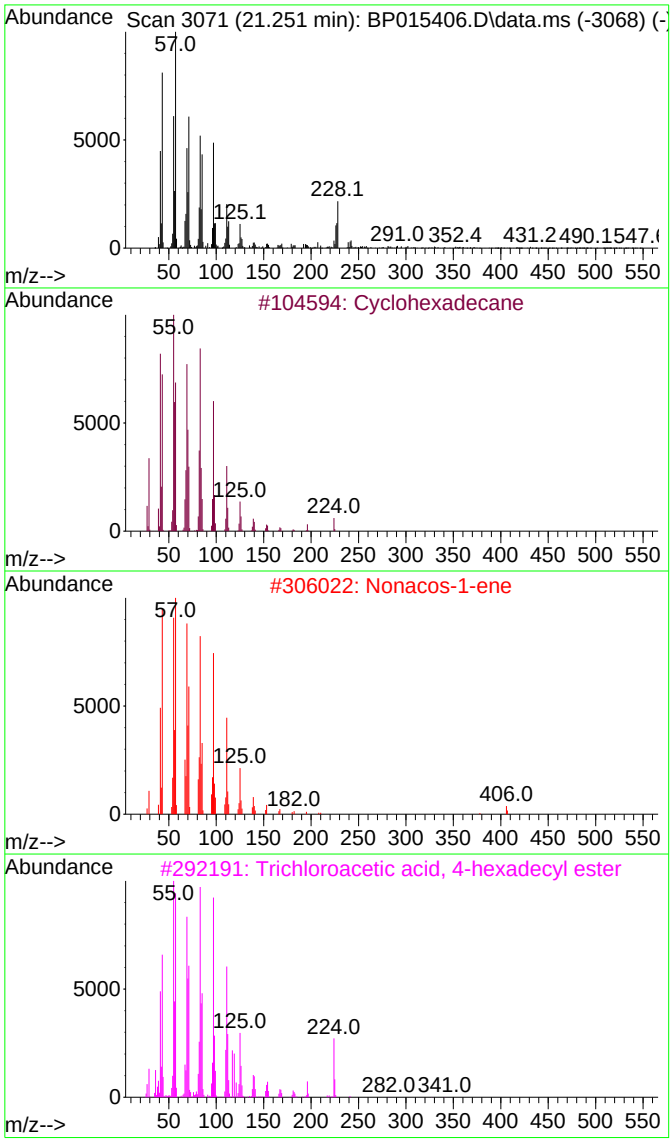
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

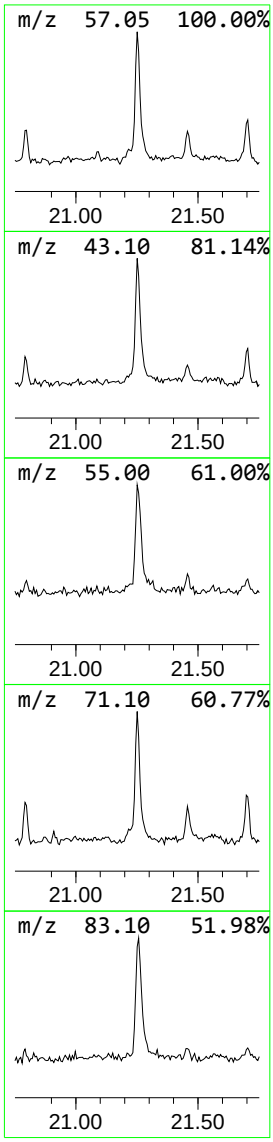
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.251 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.57 ng/ul	565968	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Nonacos-1-ene	406	C29H58	018835-35-3	64
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	64
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	60
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	60





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Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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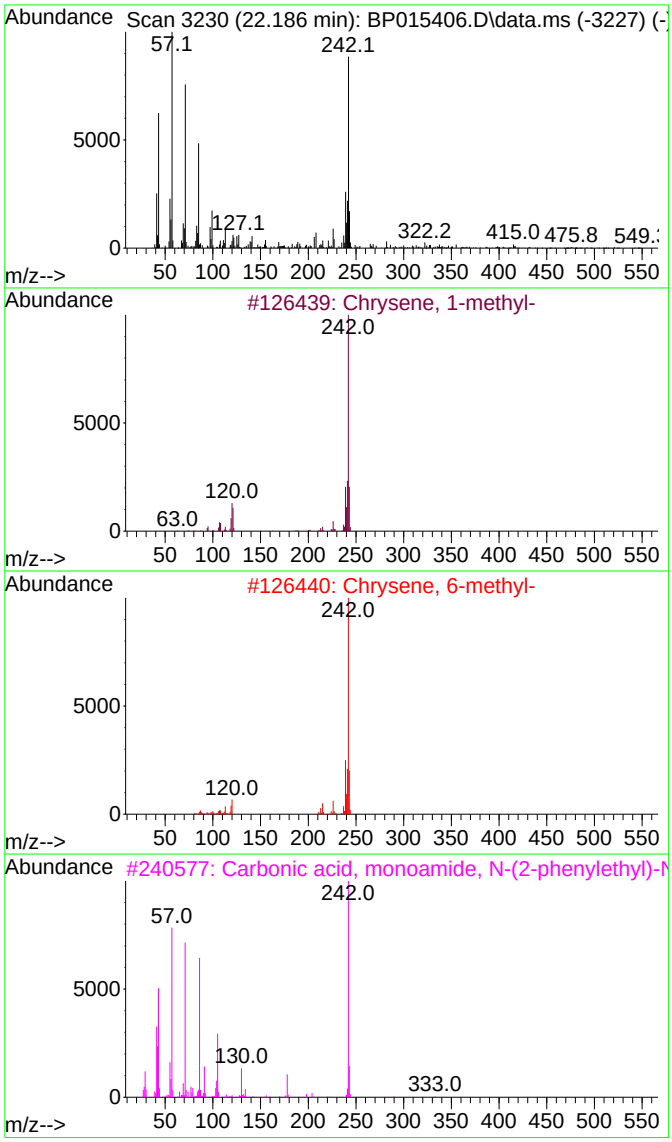
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

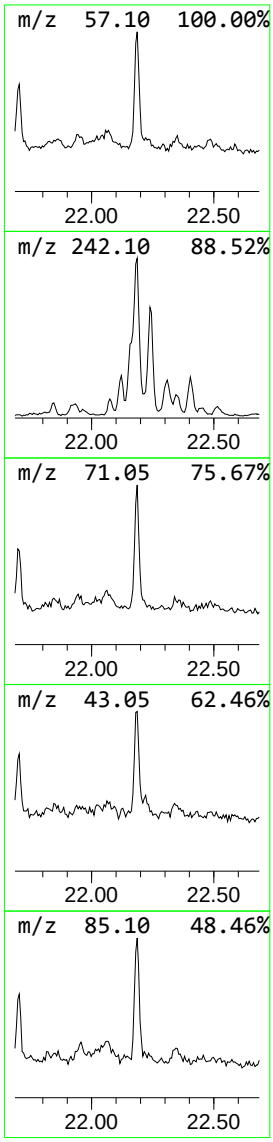
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Chrysene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.186	2.41 ng/ul	298395	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	60
3	Carbonic acid, monoamide, N-(2-p...	333	C21H35NO2	1000491-48-2	52
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	46
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015406.D
Acq On : 07 Jun 2023 19:15
Operator : MA/JU
Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW985

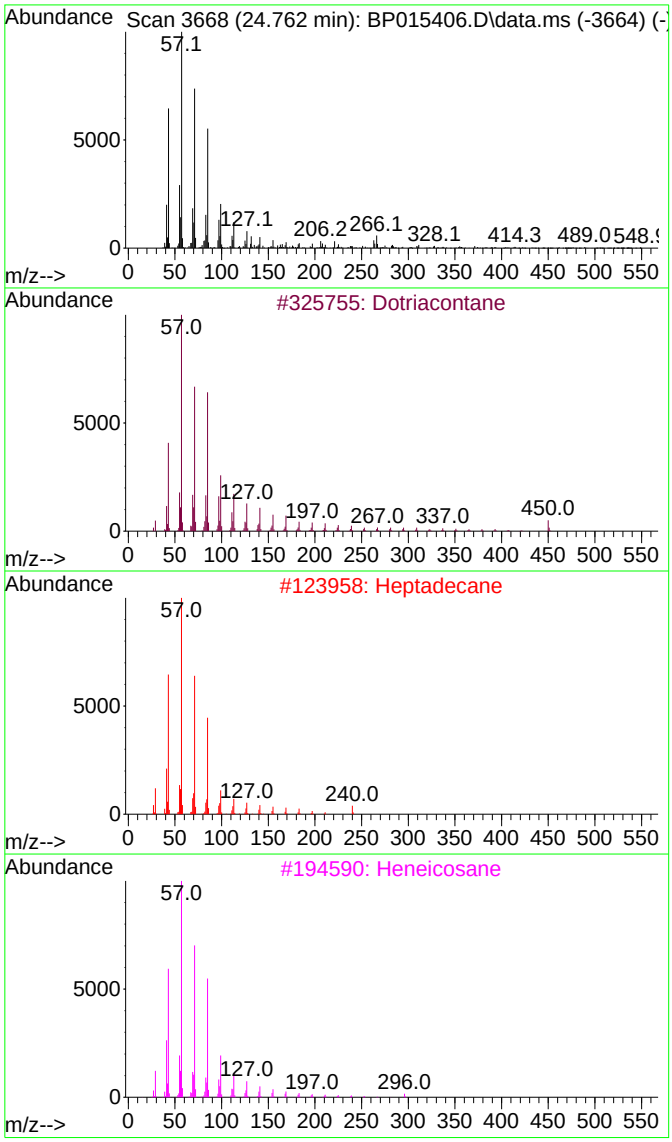
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

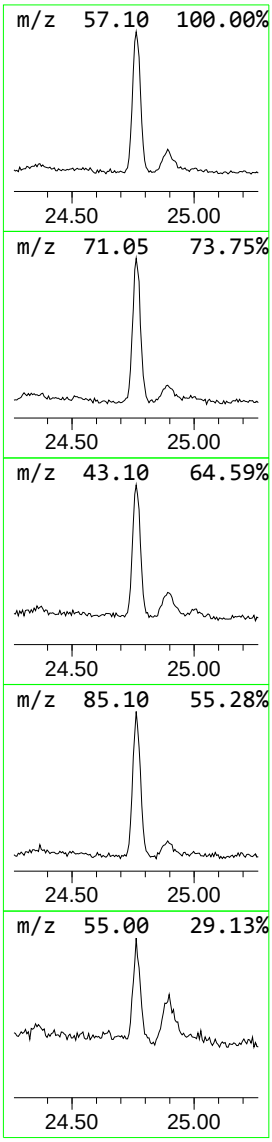
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.762	6.71 ng/ul	649384	Perylene-d12	24.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015406.D
Acq On : 07 Jun 2023 19:15
Operator : MA/JU
Sample : 02950-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW985

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.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	16.098	9.2	ng/ul	684988	3	14.745	1495390	20.0
Benzenesulfonam...	16.433	6.3	ng/ul	601136	4	17.498	1901680	20.0
n-Hexadecanoic ...	18.357	6.3	ng/ul	604017	4	17.498	1901680	20.0
(DEL) Alkane: C...	21.251	4.6	ng/ul	565968	5	21.580	2475460	20.0
Chrysene, 1-met...	22.186	2.4	ng/ul	298395	5	21.580	2475460	20.0
(DEL) Alkane: S...	24.762	6.7	ng/ul	649384	6	24.133	1936000	20.0