LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022956.D
Acq On : 09 Nov 2024 07:49
Operator : RC/JU
Sample : P4744-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCP68

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-BP110924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	22	26	35	rVB2	12973	16510	0.65%	0.086%
2	3.564	95	98	110	rBV	45941	86666	3.41%	0.452%
3	3.864	146	149	156	rVB7	2691	4935	0.19%	0.026%
4	6.740	632	638	642	rBV4	2073	4567	0.18%	0.024%
5	6.799	642	648	663	rVV	55191	110524	4.34%	0.577%
6	6.940	665	672	682	rBV	160165	258924	10.17%	1.352%
7	7.140	699	706	723	rBV	203179	348443	13.69%	1.819%
8	7.593	775	783	793	rBV	199527	352258	13.84%	1.839%
9	8.299	895	903	920	rBV	157134	311638	12.25%	1.627%
10	8.734	970	977	991	rBV	234657	394051	15.48%	2.057%
11	9.128	1038	1044	1051	rVB2	9663	15426	0.61%	0.081%
12	9.316	1071	1076	1078	rBV5	1956	3028	0.12%	0.016%
13	9.452	1090	1099	1117	rBV	195034	349133	13.72%	1.822%
14	9.987	1180	1190	1209	rBV	236871	512086	20.12%	2.673%
15	10.340	1243	1250	1261	rBV	252232	460327	18.09%	2.403%
16	10.493	1269	1276	1296	rBV	210116	446348	17.54%	2.330%
17	11.599	1459	1464	1469	rVB2	4998	7143	0.28%	0.037%
18	11.763	1486	1492	1497	rBV10	1591	2834	0.11%	0.015%
19	11.946	1519	1523	1532	rBV4	3664	7635	0.30%	0.040%
20	13.010	1698	1704	1711	rBV10	2106	4447	0.17%	0.023%
21	13.622	1801	1808	1821	rBV	663381	926621	36.41%	4.837%
22	13.898	1844	1855	1869	rBV	493157	929499	36.52%	4.852%
23	14.110	1887	1891	1895	rVB6	1981	2735	0.11%	0.014%
24	14.198	1899	1906	1920	rVV	424902	704315	27.68%	3.677%
25	14.487	1947	1955	1957	rBV2	22740	34378	1.35%	0.179%
26	14.687	1987	1989	1994	rVB5	2845	3992	0.16%	0.021%
27	15.210	2072	2078	2094	rBV	954097	1333092	52.38%	6.959%
28	15.375	2099	2106	2120	rBV	258925	470939	18.50%	2.458%
29	15.475	2120	2123	2131	rVB6	6405	11316	0.44%	0.059%
30	15.598	2137	2144	2151	rBV	80429	126099	4.95%	0.658%
31	16.181	2238	2243	2248	rBV7	2975	4934	0.19%	0.026%
32	16.439	2280	2287	2291	rBV9	2385	5004	0.20%	0.026%
33	16.675	2324	2327	2333	rVB8	2015	2860	0.11%	0.015%
34	17.010	2374	2384	2394	rBV	697892	991305	38.95%	5.175%
35	17.122	2394	2403	2417	rBV	964975	1624862	63.85%	8.482%
36	17.451	2456	2459	2463	rBV6	2064	3386	0.13%	0.018%

LSC Area Percent Report

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Instrument :
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Title : SVOA CALIBRATION

37	17.528	2466	2472	2480	rBV	85818	143302	5.63%	0.748%
38	17.704	2500	2502	2506	rVB4	3443	3861	0.15%	0.020%
39	17.957	2539	2545	2553	rBV2	98846	149051	5.86%	0.778%
40	18.169	2576	2581	2593	rBV	173001	284715	11.19%	1.486%
41	18.263	2593	2597	2603	rVB3	11339	18272	0.72%	0.095%
42	18.410	2618	2622	2625	rBV6	5116	6795	0.27%	0.035%
43	18.528	2640	2642	2645	rBV4	3209	3984	0.16%	0.021%
44	18.651	2660	2663	2665	rBV4	3169	4251	0.17%	0.022%
45	18.745	2676	2679	2684	rBV6	5809	9600	0.38%	0.050%
46	18.833	2688	2694	2698	rBV5	9114	20268	0.80%	0.106%
47	19.057	2727	2732	2737	rBV	15167	22972	0.90%	0.120%
48	19.128	2740	2744	2748	rBV	14101	23685	0.93%	0.124%
49	19.175	2748	2752	2759	rVB8	15063	25692	1.01%	0.134%
50	19.286	2767	2771	2777	rBV3	28892	44779	1.76%	0.234%
51	19.504	2802	2808	2820	rBV	1705260	2120191	83.31%	11.068%
52	21.451	3133	3139	3150	rBV2	919762	1351526	53.11%	7.055%
53	24.457	3640	3650	3663	rVB	1047470	2544945	100.00%	13.285%
54	24.674	3679	3687	3703	rVB	515172	1506737	59.21%	7.865%

Sum of corrected areas: 19156886

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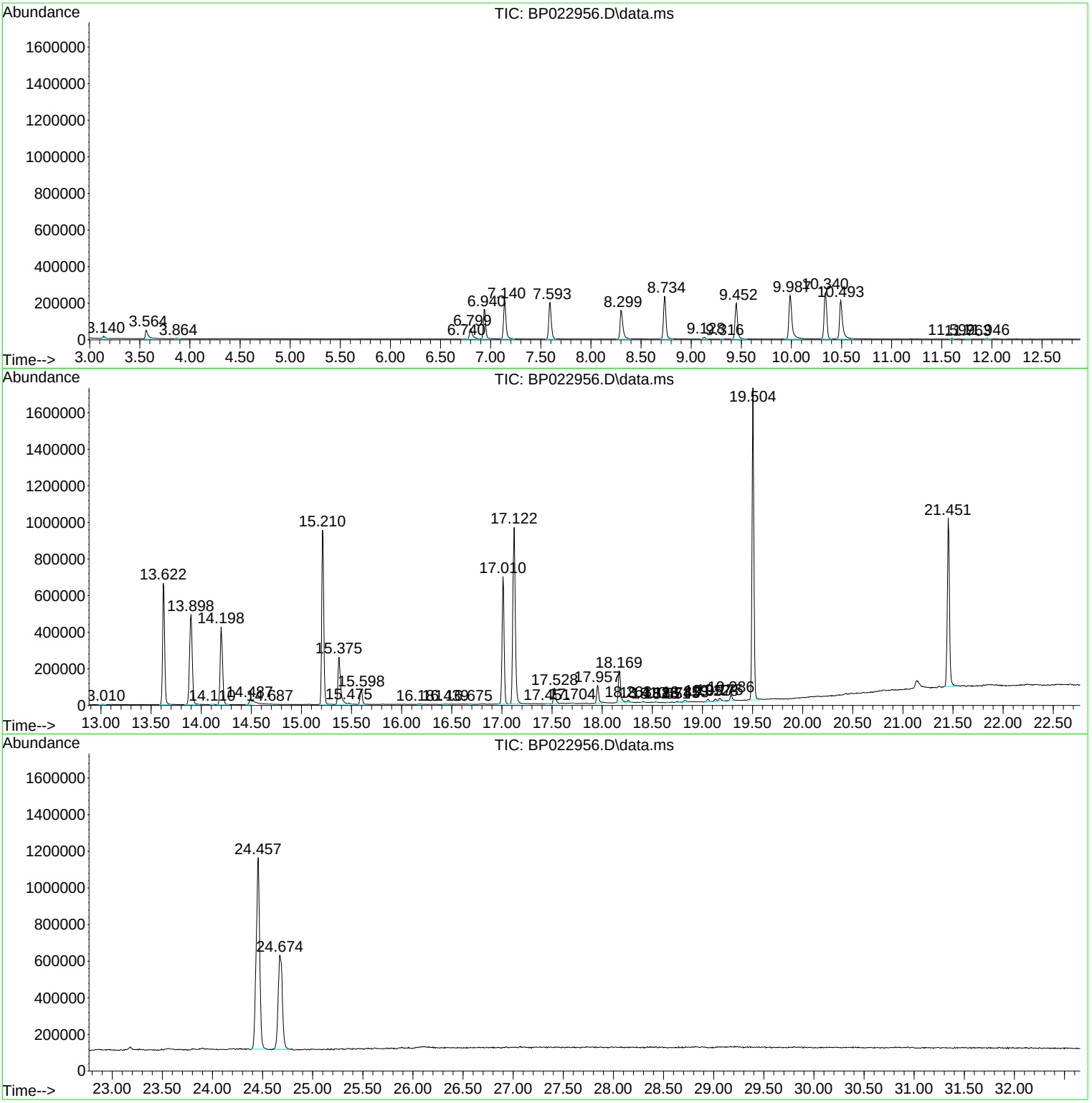
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

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

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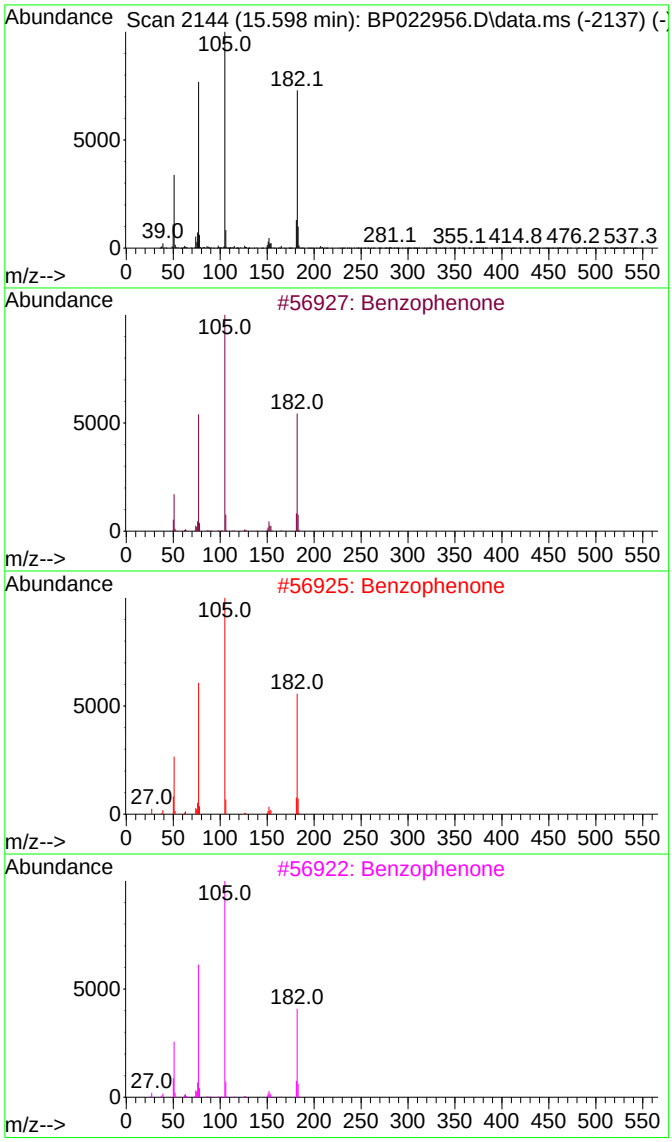
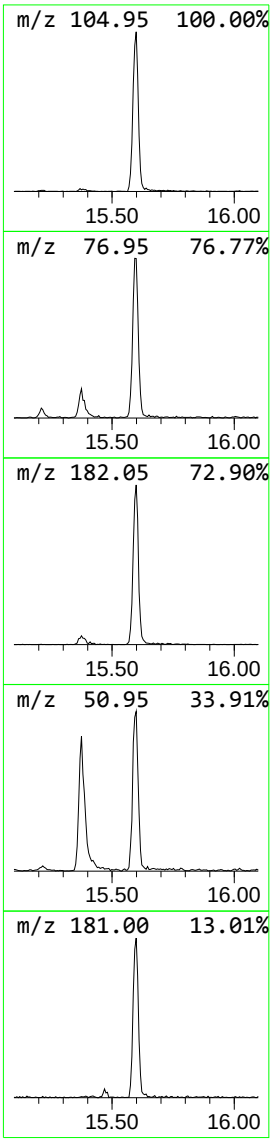
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	3.58 ng/ul	126099	Acenaphthene-d10	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument :
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ClientSampleId :
GCP68

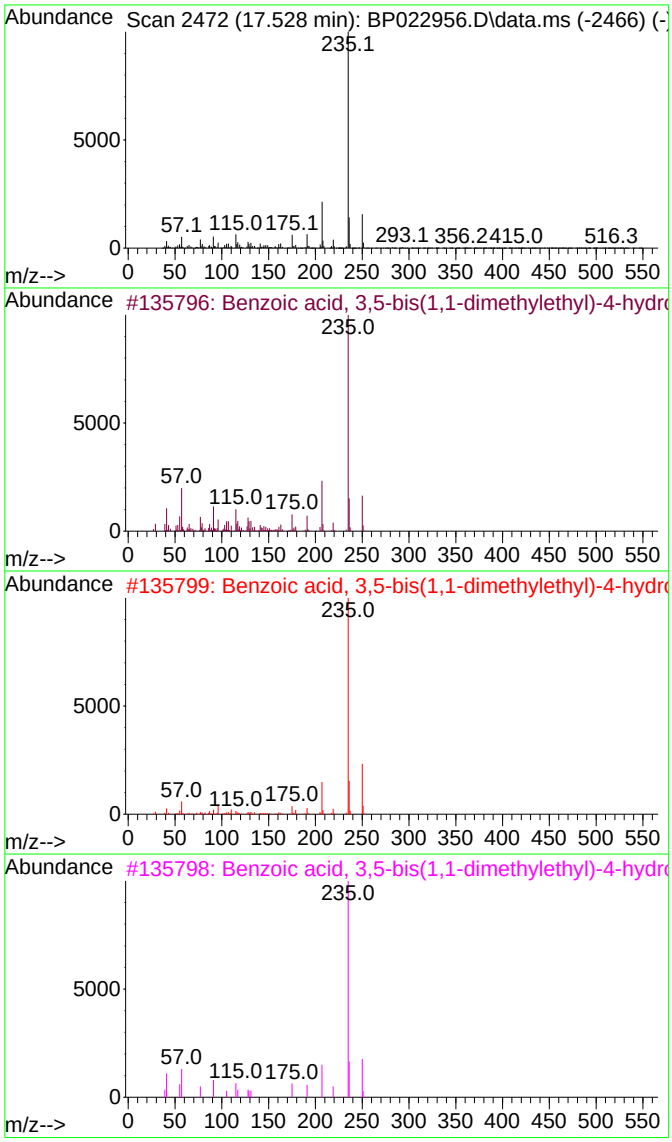
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

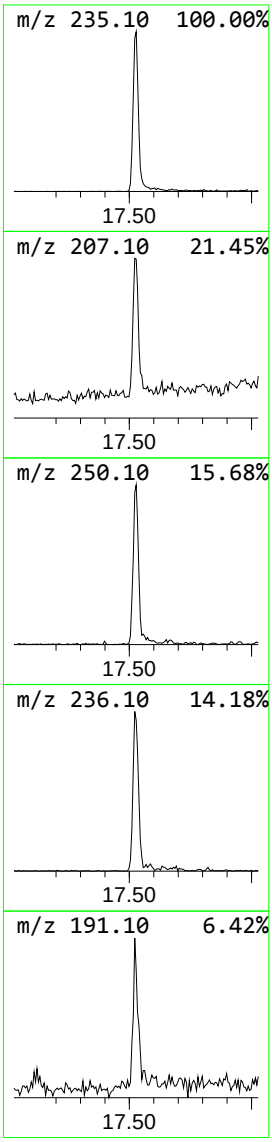
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.528	2.89 ng/ul	143302	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	96
2	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	94
3	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	78
4	Oxazole, 2-methyl-4,5-diphenyl-	235	C16H13NO	014224-99-8	72
5	2,5-di-tert-Butyl-1,4-dimethoxyb...	250	C16H26O2	007323-63-9	59





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ALS Vial : 41 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

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

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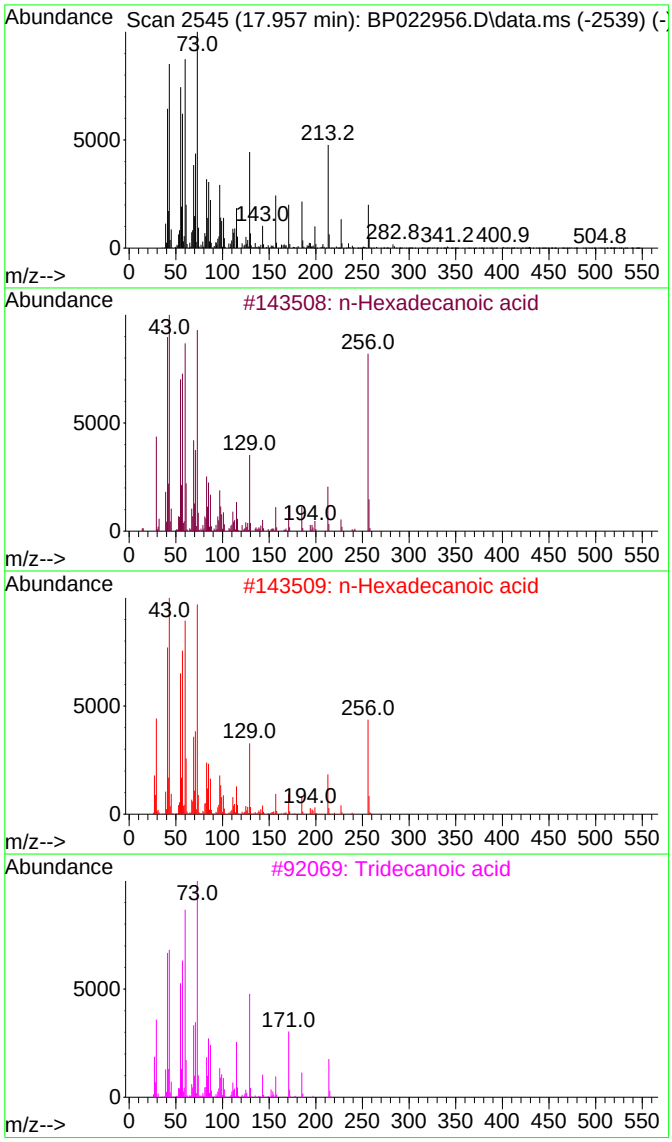
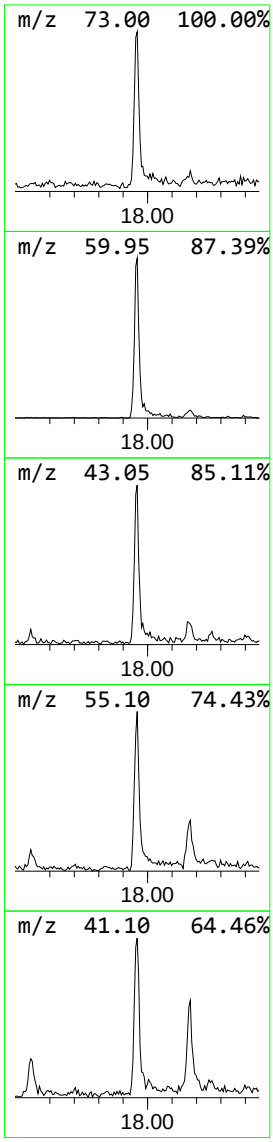
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	3.01 ng/ul	149051	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Dodecanoic acid	200	C12H24O2	000143-07-7	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





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ClientSampleId :
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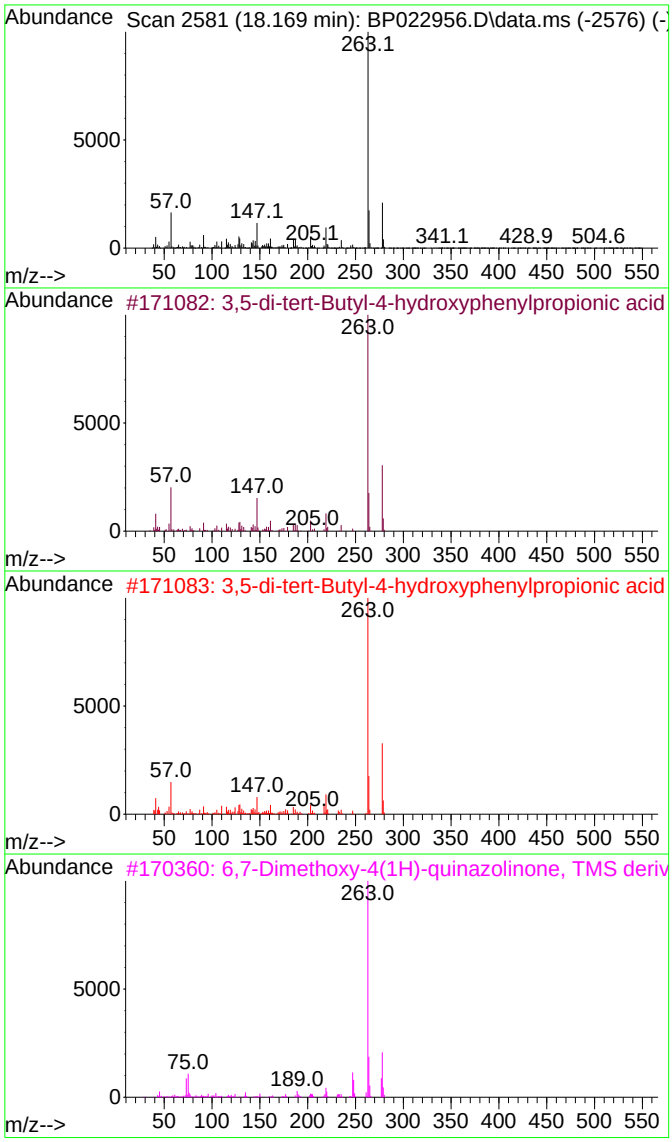
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

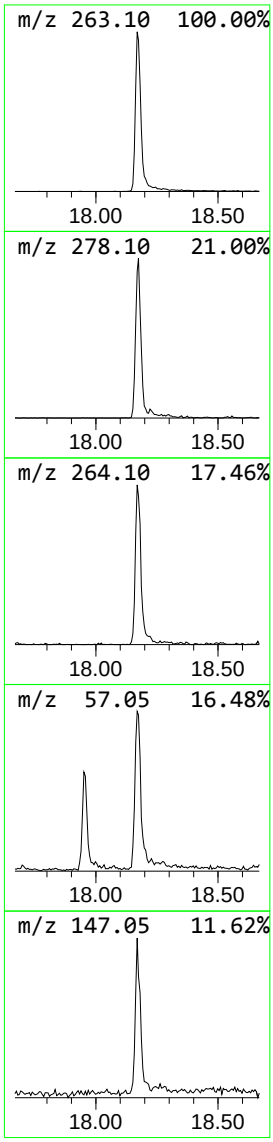
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	5.74 ng/ul	284715	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	98
2	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	83
3	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	72
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	72
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60





Tentatively Identified Compound (LSC) summary

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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	15.598	3.6	ng/ul	126099	3	14.198	704315	20.0
Benzoic acid, 3...	17.528	2.9	ng/ul	143302	4	17.010	991305	20.0
n-Hexadecanoic ...	17.957	3.0	ng/ul	149051	4	17.010	991305	20.0
3,5-di-tert-But...	18.169	5.7	ng/ul	284715	4	17.010	991305	20.0