LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033960.D
Acq On : 02 Feb 2022 04:00
Operator : CG/JU
Sample : N1307-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q38

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_M\Methods\SFAM-EPA-BM013122.M
Title : SVOA CALIBRATION

Signal : TIC: BM033960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.719	79	82	97	rBV	191585	306087	0.45%	0.293%
2	7.084	647	654	667	rVB	136135	249948	0.37%	0.239%
3	7.248	675	682	691	rBV	492092	766801	1.12%	0.734%
4	7.454	710	717	726	rBV	517433	802692	1.18%	0.768%
5	7.925	787	797	804	rBV	510645	801110	1.17%	0.767%
6	8.631	911	917	928	rBV	395514	629955	0.92%	0.603%
7	9.084	988	994	1003	rBV	608126	984067	1.44%	0.942%
8	9.813	1112	1118	1125	rVB	506112	829375	1.22%	0.794%
9	10.354	1201	1210	1218	rBV	705126	1160144	1.70%	1.110%
10	10.737	1268	1275	1282	rBV	708302	1165415	1.71%	1.115%
11	10.866	1290	1297	1302	rBV	280411	533325	0.78%	0.510%
12	11.848	1458	1464	1470	rVB2	63783	121033	0.18%	0.116%
13	12.289	1533	1539	1548	rBV	97922	189589	0.28%	0.181%
14	13.072	1666	1672	1683	rVB2	130438	245834	0.36%	0.235%
15	13.272	1697	1706	1712	rBV2	53263	105846	0.16%	0.101%
16	13.972	1819	1825	1831	rBV	1332381	1833499	2.69%	1.755%
17	14.254	1867	1873	1885	rVB	1484370	2194359	3.22%	2.100%
18	14.560	1919	1925	1934	rVB	922842	1419013	2.08%	1.358%
19	14.748	1952	1957	1966	rBV2	90122	165233	0.24%	0.158%
20	15.101	2011	2017	2022	rVV	514083	745186	1.09%	0.713%
21	15.148	2022	2025	2026	rVV3	61226	73059	0.11%	0.070%
22	15.183	2026	2031	2041	rVB	1323290	1952263	2.86%	1.869%
23	15.295	2046	2050	2055	rVB	56950	78367	0.11%	0.075%
24	15.372	2059	2063	2067	rVB3	64811	86077	0.13%	0.082%
25	15.548	2087	2093	2100	rVV	1747847	2529598	3.71%	2.421%
26	15.671	2107	2114	2122	rBV2	832609	1606919	2.35%	1.538%
27	15.971	2161	2165	2168	rBV	59687	89943	0.13%	0.086%
28	16.366	2228	2232	2240	rBV3	70519	133997	0.20%	0.128%
29	16.807	2302	2307	2310	rBV2	80589	132174	0.19%	0.127%
30	16.983	2325	2337	2341	rBV	32000623	68251075	100.00%	65.323%
31	17.066	2349	2351	2362	rVB4	97078	159473	0.23%	0.153%
32	17.177	2366	2370	2375	rVB	80036	116493	0.17%	0.111%
33	17.307	2386	2392	2400	rVB	1055523	1518467	2.22%	1.453%
34	17.401	2402	2408	2414	rBV	1942717	2731786	4.00%	2.615%
35	17.918	2492	2496	2501	rBV3	63742	90109	0.13%	0.086%
36	18.195	2538	2543	2550	rBV	331161	470622	0.69%	0.450%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
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Acq On : 02 Feb 2022 04:00
Operator : CG/JU
Sample : N1307-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q38

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_M\Methods\SFAM-EPA-BM013122.M
Title : SVOA CALIBRATION

37	19.465	2755	2759	2768	rBV	258933	349517	0.51%	0.335%
38	19.601	2778	2782	2787	rVB	195241	230843	0.34%	0.221%
39	19.683	2790	2796	2802	rBV	2182662	2816907	4.13%	2.696%
40	21.177	3046	3050	3056	rBV	165594	225589	0.33%	0.216%
41	21.459	3093	3098	3106	rBV	1130581	1448876	2.12%	1.387%
42	23.694	3471	3478	3485	rBV2	1347375	2661314	3.90%	2.547%
43	23.847	3498	3504	3515	rVB2	725686	1480332	2.17%	1.417%

Sum of corrected areas: 104482311

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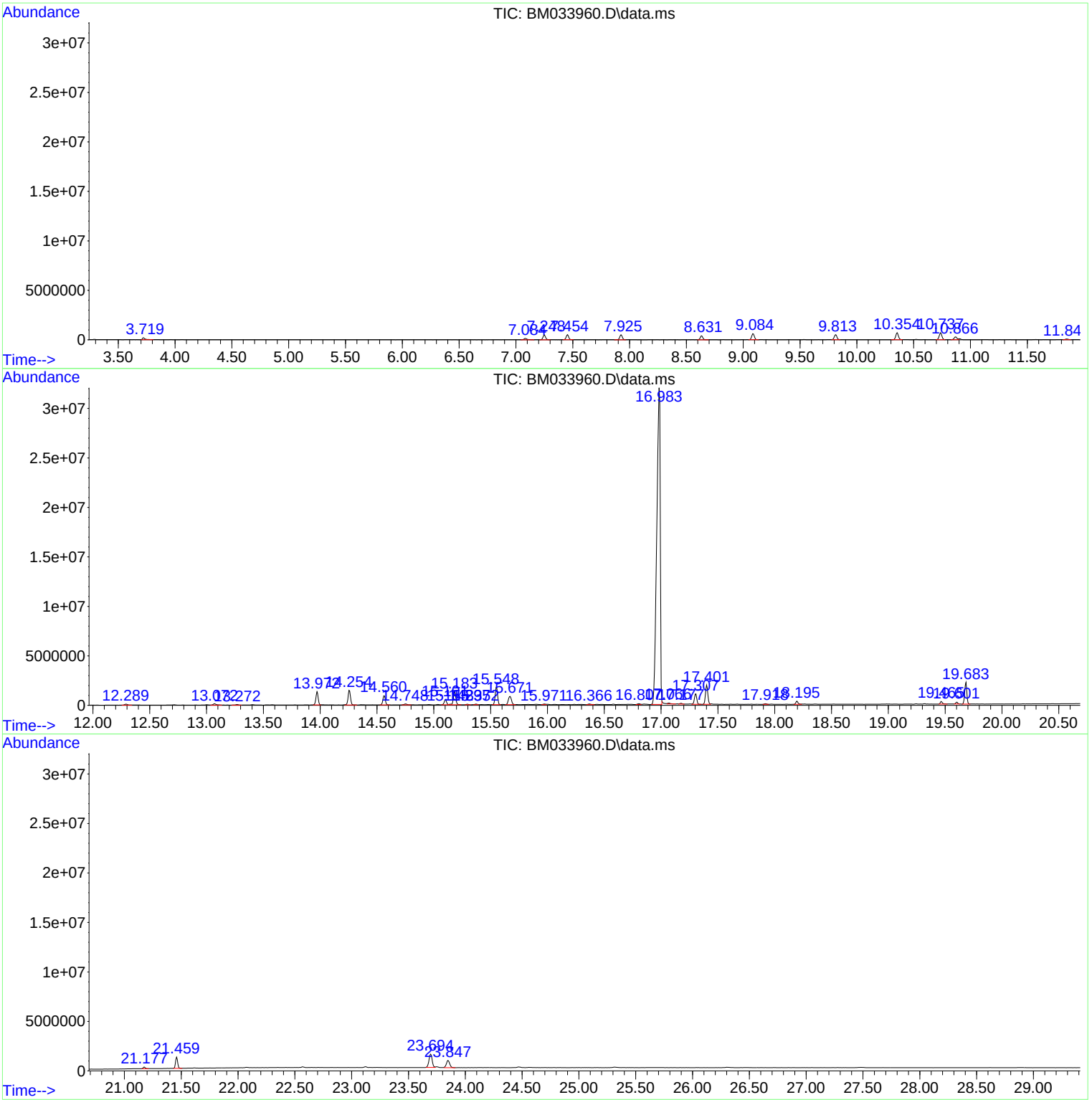
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM033960.D
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Operator : CG/JU
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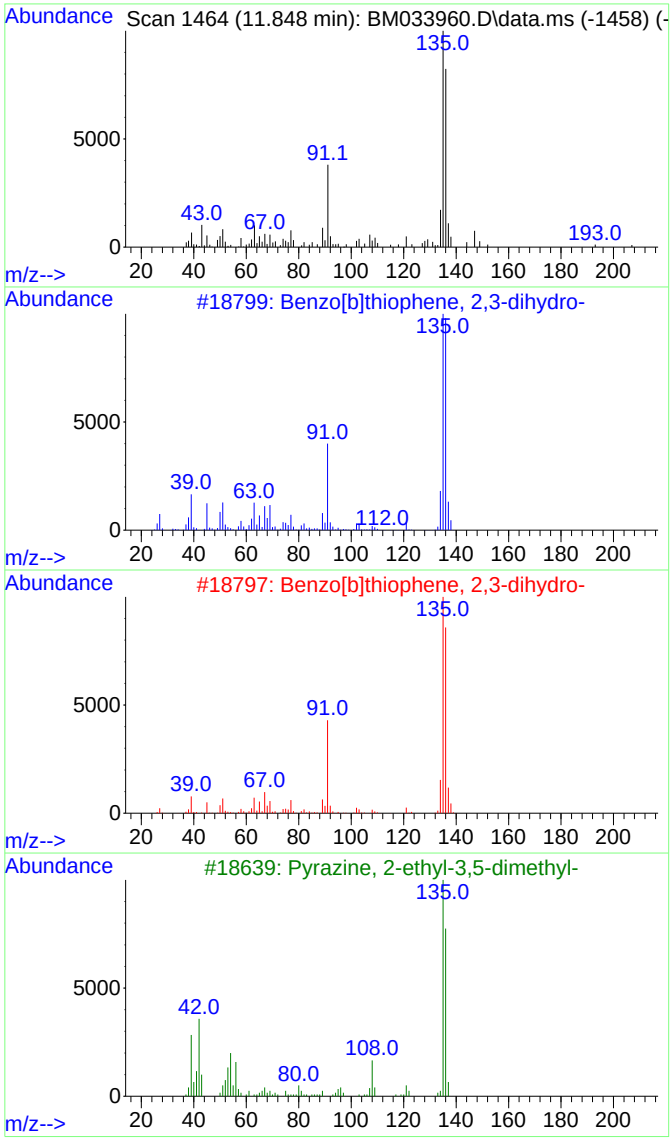
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

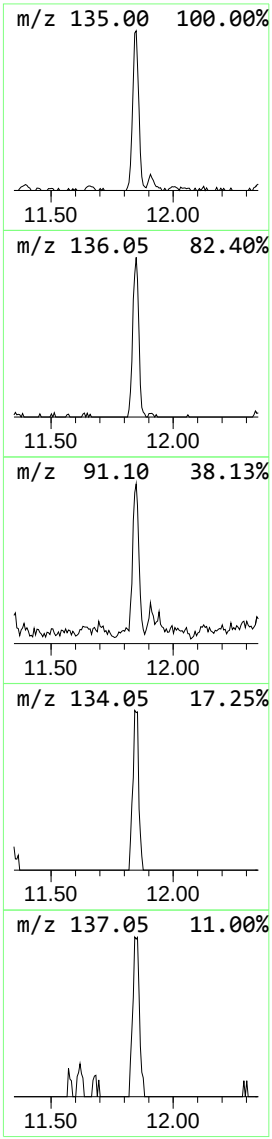
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.848	2.08 ng/ul	121033	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
3	Pyrazine, 2-ethyl-3,5-dimethyl-	136	C8H12N2	013925-07-0	86
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
5	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83





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Operator : CG/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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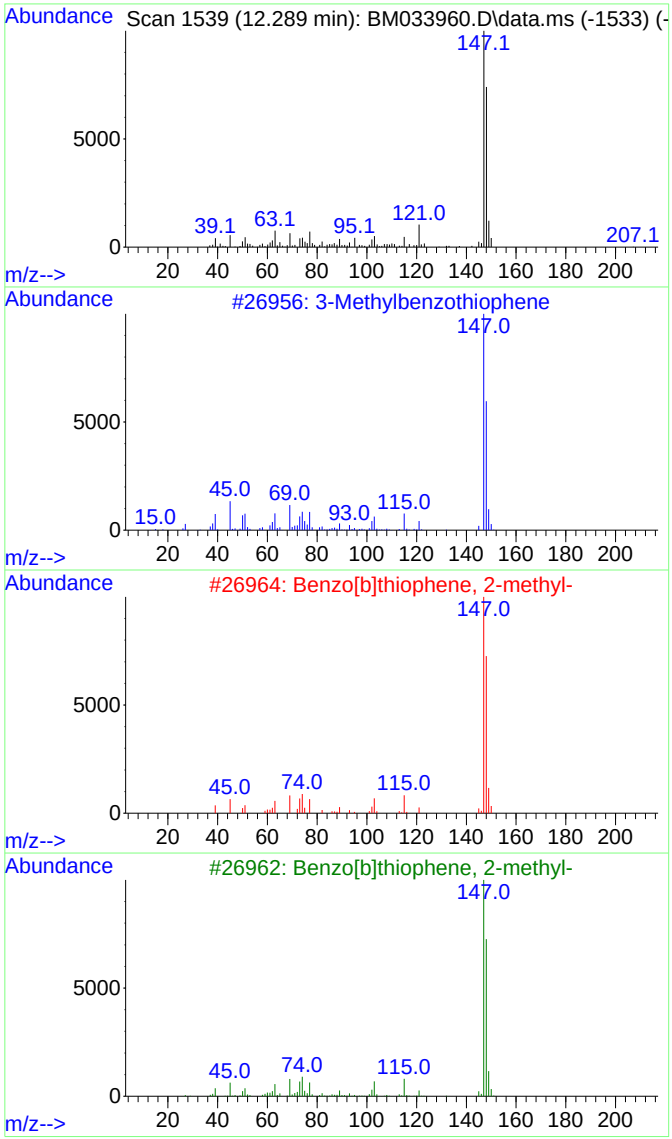
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

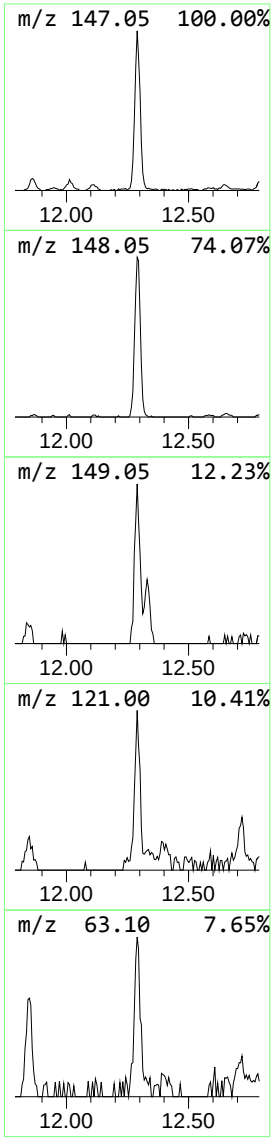
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Methylbenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.289	3.25 ng/ul	189589	Naphthalene-d8	10.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90





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Data File : BM033960.D
Acq On : 02 Feb 2022 04:00
Operator : CG/JU
Sample : N1307-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q38

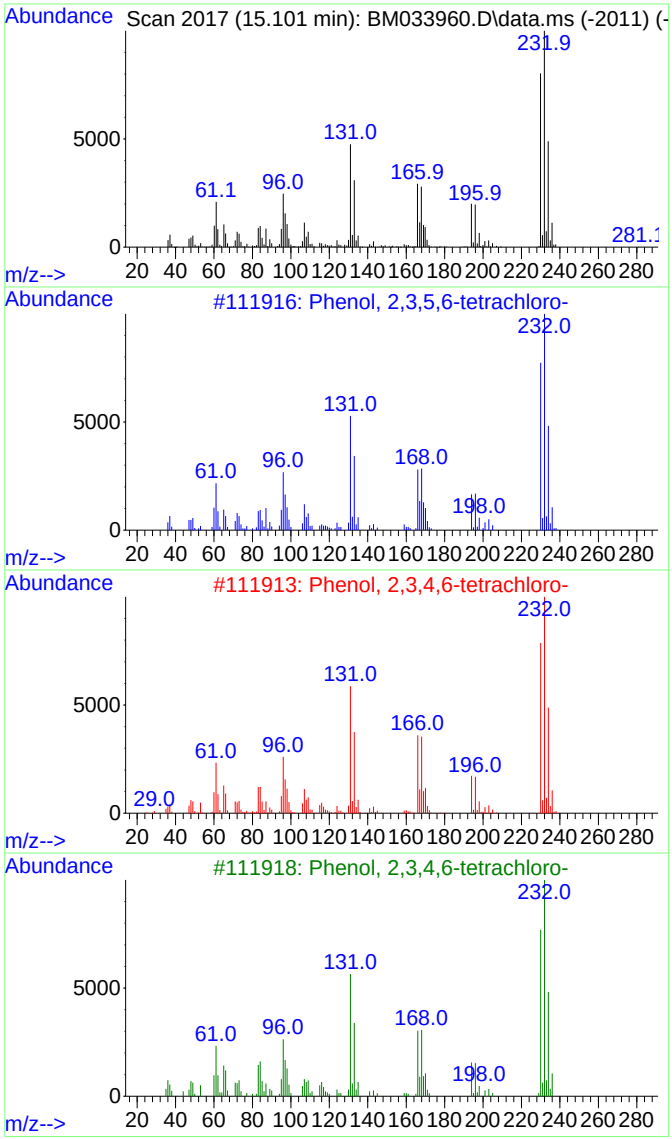
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

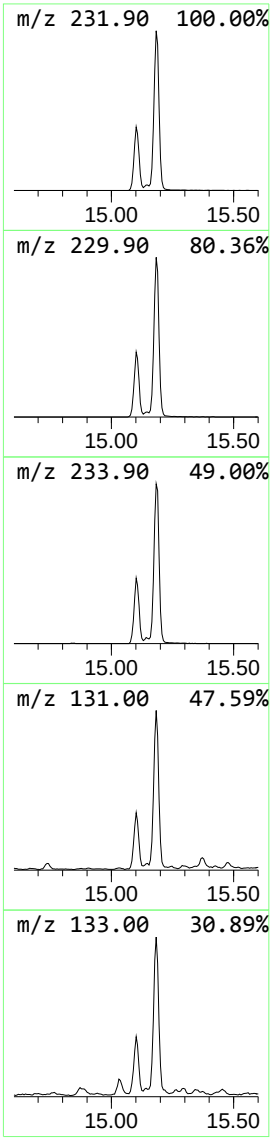
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.101	10.50 ng/ul	745186	Acenaphthene-d10	14.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
5	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98





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Sample : N1307-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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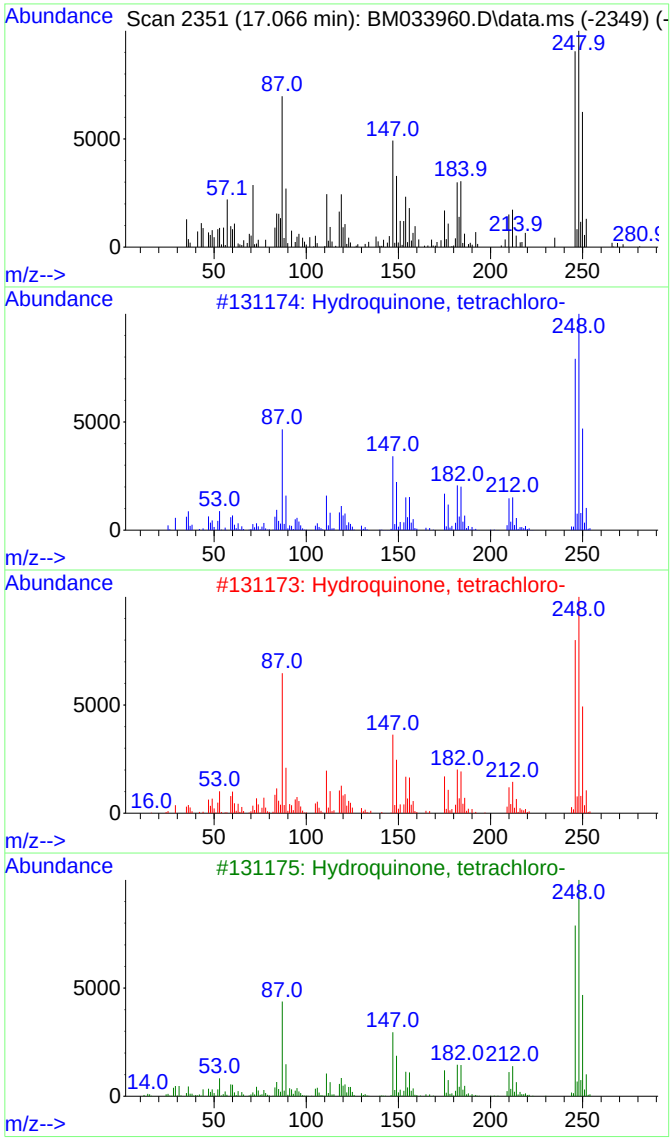
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

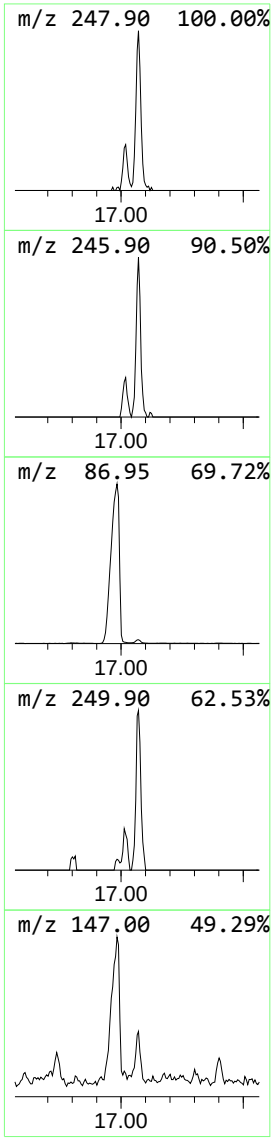
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hydroquinone, tetrachloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.066	2.10 ng/ul	159473	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	99
2	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	96
3	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	91
4	1,2-Benzenediol, 3,4,5,6-tetrach...	246	C6H2Cl4O2	001198-55-6	86
5	5-Amino-4,6,8-trichloroquinoline	246	C9H5Cl3N2	1000252-19-9	47





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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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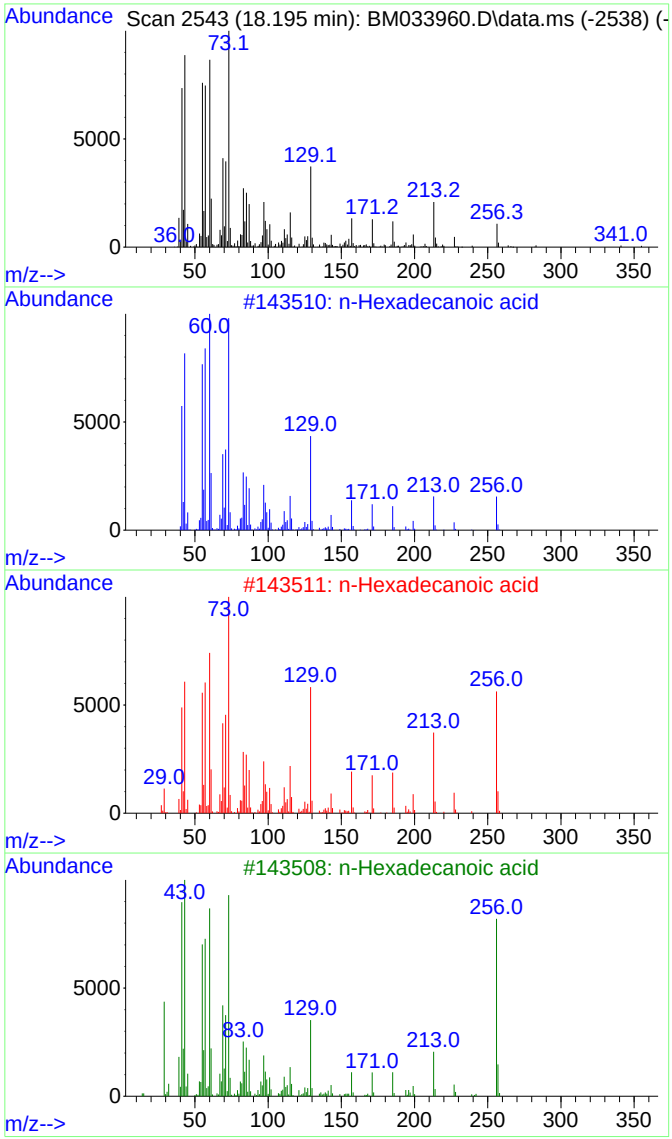
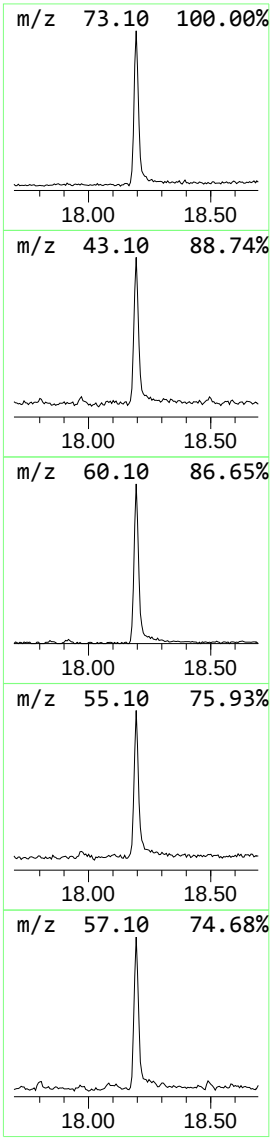
****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	6.20 ng/ul	470622	Phenanthrene-d10	17.307

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Quant Title : SVOA CALIBRATION

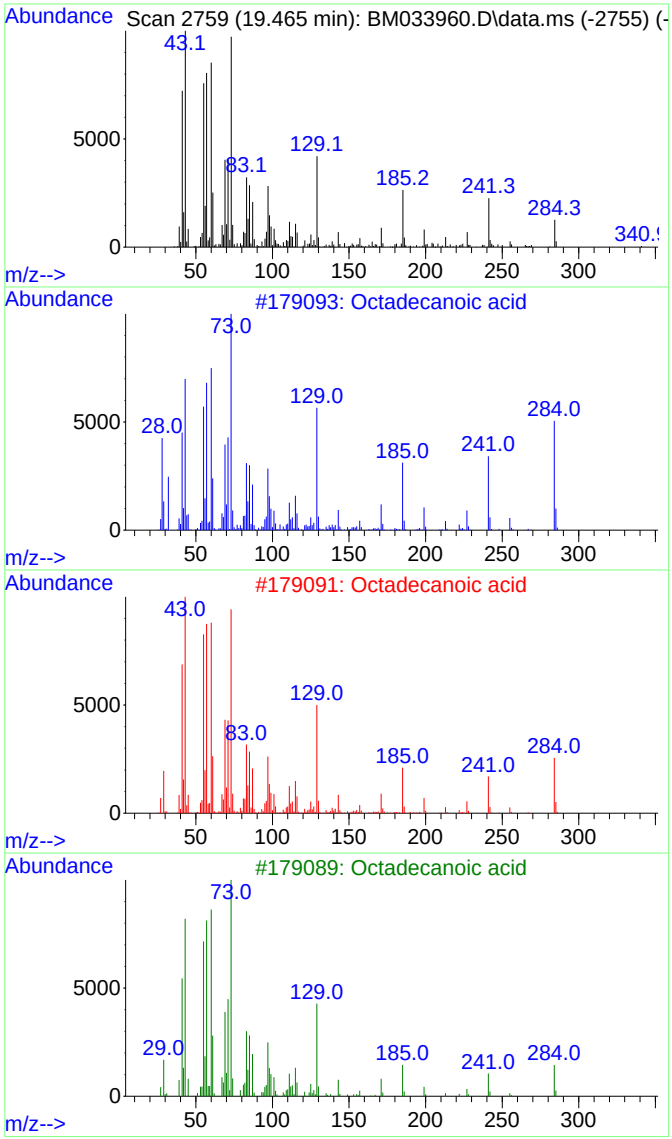
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

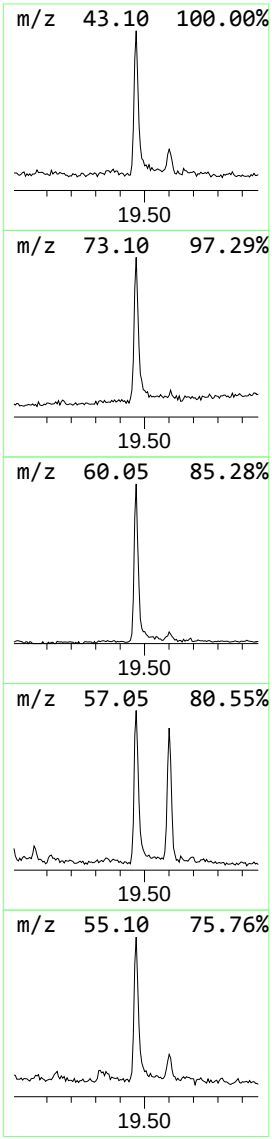
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.465	4.82 ng/ul	349517	Chrysene-d12	21.459

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	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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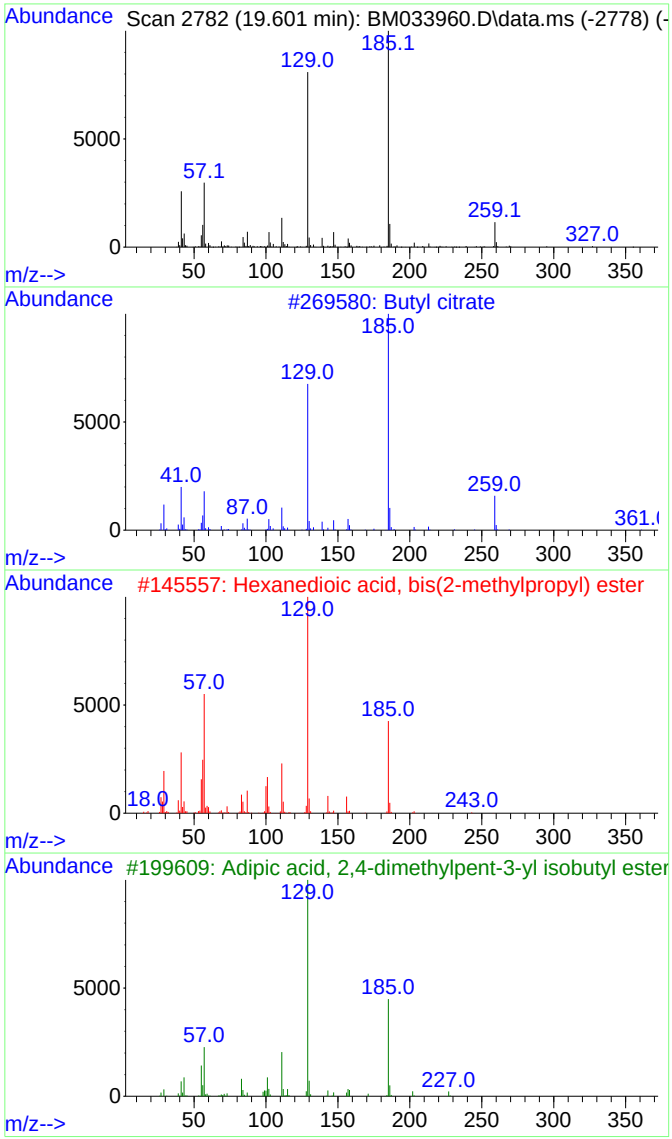
Quant Title : SVOA CALIBRATION

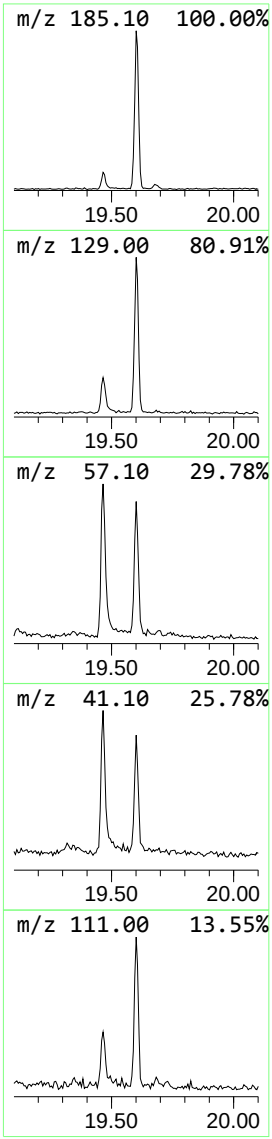
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.601	3.19 ng/ul	230843	Chrysene-d12	21.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	83
3	Adipic acid, 2,4-dimethylpent-3-...	300	C17H32O4	1000349-77-6	78
4	Adipic acid, 3-hexyl isobutyl ester	286	C16H30O4	1000353-62-2	56
5	Dibutyl adipate	258	C14H26O4	000105-99-7	56





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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q38

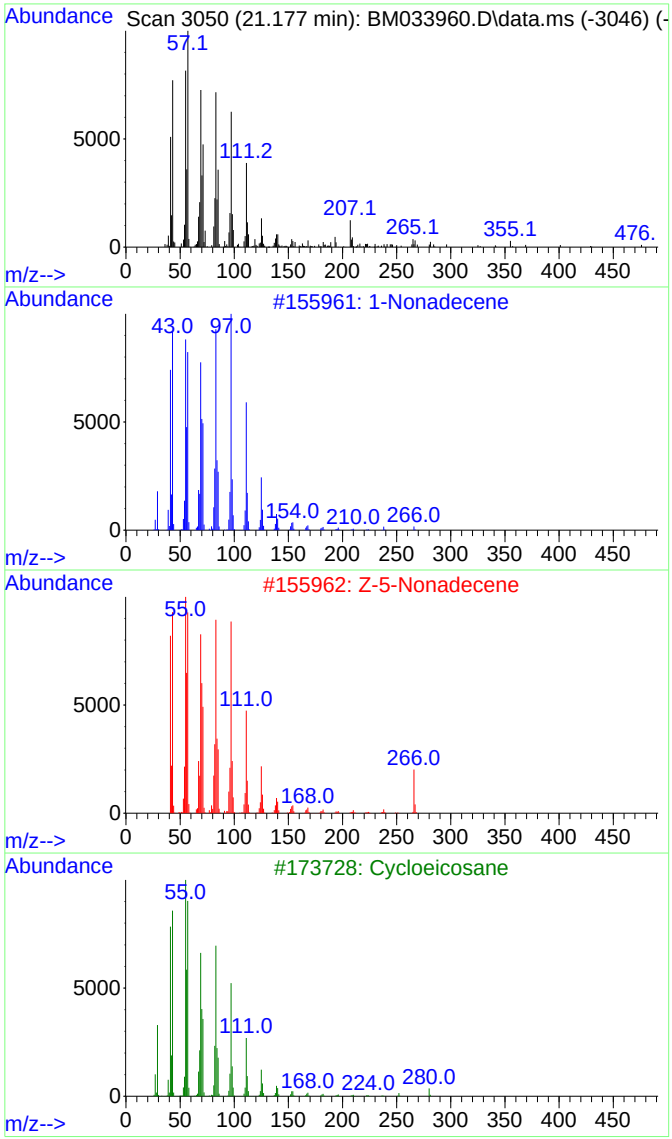
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

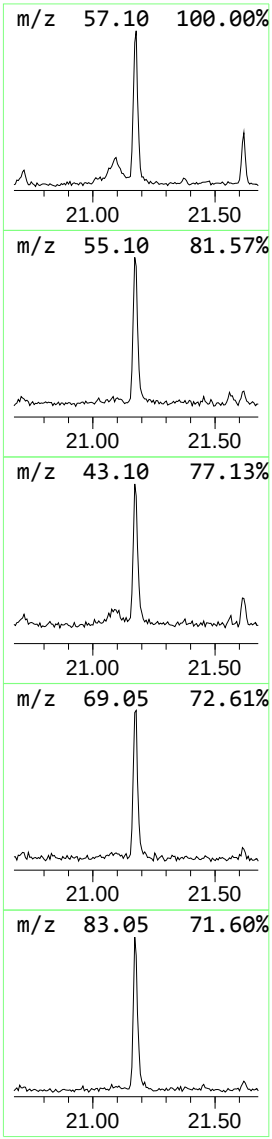
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	3.11 ng/ul	225589	Chrysene-d12	21.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	97
3	Cycloeicosane	280	C20H40	000296-56-0	97
4	1-Pentadecanethiol	244	C15H32S	025276-70-4	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.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
Benzo[b]thiophe...	11.848	2.1	ng/ul	121033	2	10.736	1165420	20.0
3-Methylbenzoth...	12.289	3.3	ng/ul	189589	2	10.736	1165420	20.0
Phenol, 2,3,5,6...	15.101	10.5	ng/ul	745186	3	14.566	1419010	20.0
Hydroquinone, t...	17.066	2.1	ng/ul	159473	4	17.307	1518470	20.0
n-Hexadecanoic ...	18.195	6.2	ng/ul	470622	4	17.307	1518470	20.0
Octadecanoic acid	19.465	4.8	ng/ul	349517	5	21.459	1448880	20.0
Butyl citrate	19.601	3.2	ng/ul	230843	5	21.459	1448880	20.0
(DEL) Alkane: S...	21.177	3.1	ng/ul	225589	5	21.459	1448880	20.0