LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD7

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-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM031963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	4	8	13	rBV	20117	26800	0.58%	0.068%
2	3.528	72	75	88	rBV	100916	191529	4.15%	0.485%
3	3.722	104	108	113	rVB2	9318	13055	0.28%	0.033%
4	3.816	119	124	128	rBV4	4992	8577	0.19%	0.022%
5	6.704	607	615	627	rBV	139438	229760	4.98%	0.581%
6	6.869	636	643	656	rBV	385658	640101	13.89%	1.620%
7	7.045	667	673	684	rBV	469301	737491	16.00%	1.866%
8	7.510	745	752	761	rBV	391762	626150	13.58%	1.584%
9	7.610	767	769	774	rVB3	5417	6547	0.14%	0.017%
10	8.034	836	841	845	rVB6	4281	6671	0.14%	0.017%
11	8.222	866	873	882	rBV	412075	679864	14.75%	1.720%
12	8.657	940	947	963	rBV	574739	951997	20.65%	2.409%
13	9.369	1061	1068	1079	rBV	489748	820716	17.80%	2.077%
14	9.898	1151	1158	1169	rBV	763335	1311129	28.44%	3.318%
15	10.075	1181	1188	1203	rBV	88490	188849	4.10%	0.478%
16	10.263	1213	1220	1228	rBV	565392	951264	20.64%	2.407%
17	10.422	1239	1247	1261	rBV	343966	650724	14.12%	1.647%
18	10.851	1318	1320	1327	rVB7	2902	5023	0.11%	0.013%
19	11.086	1356	1360	1364	rBV6	5468	11091	0.24%	0.028%
20	11.516	1429	1433	1442	rVB6	9282	17200	0.37%	0.044%
21	11.586	1442	1445	1452	rVB6	3290	5490	0.12%	0.014%
22	11.710	1464	1466	1472	rVV7	4067	5525	0.12%	0.014%
23	11.827	1480	1486	1489	rVV4	10486	20134	0.44%	0.051%
24	11.863	1489	1492	1496	rVB3	13343	18470	0.40%	0.047%
25	12.010	1512	1517	1523	rBV7	4939	9243	0.20%	0.023%
26	12.092	1528	1531	1533	rBV4	5212	6681	0.14%	0.017%
27	12.180	1545	1546	1551	rVB5	4795	5620	0.12%	0.014%
28	12.751	1640	1643	1649	rVB8	8862	12307	0.27%	0.031%
29	13.016	1685	1688	1692	rBV6	5303	6909	0.15%	0.017%
30	13.292	1731	1735	1738	rBV6	5933	8544	0.19%	0.022%
31	13.574	1777	1783	1789	rBV	1657402	2240914	48.61%	5.670%
32	13.839	1821	1828	1842	rBV	1819098	2677813	58.09%	6.776%
33	14.086	1868	1870	1874	rBV4	6142	7870	0.17%	0.020%
34	14.151	1874	1881	1887	rVV	938035	1411894	30.63%	3.573%
35	14.210	1887	1891	1897	rVB	30381	49598	1.08%	0.126%
36	14.404	1919	1924	1933	rBV2	95874	195611	4.24%	0.495%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD7

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-BM082821.M
Title : SVOA CALIBRATION

37	14.551	1945	1949	1955	rBV3	28130	43210	0.94%	0.109%
38	14.704	1971	1975	1978	rBV6	19958	28005	0.61%	0.071%
39	15.151	2045	2051	2057	rBV	2465319	3363551	72.97%	8.511%
40	15.292	2070	2075	2088	rBV	661768	1060995	23.02%	2.685%
41	15.721	2145	2148	2154	rVB	32700	46771	1.01%	0.118%
42	15.892	2173	2177	2188	rVB4	68675	126463	2.74%	0.320%
43	16.180	2221	2226	2232	rBV2	122901	187751	4.07%	0.475%
44	16.562	2287	2291	2299	rVB2	135672	202212	4.39%	0.512%
45	16.798	2327	2331	2340	rVB	97927	163214	3.54%	0.413%
46	16.904	2344	2349	2359	rVB	1265746	1801946	39.09%	4.560%
47	17.004	2360	2366	2380	rVV	2706096	4088143	88.69%	10.345%
48	17.827	2502	2506	2515	rBV2	367639	575844	12.49%	1.457%
49	18.333	2589	2592	2601	rVB	218135	330050	7.16%	0.835%
50	19.121	2723	2726	2734	rVB3	193940	255945	5.55%	0.648%
51	19.309	2753	2758	2766	rBV	3313809	4609637	100.00%	11.664%
52	19.827	2844	2846	2852	rVB	163100	215423	4.67%	0.545%
53	20.844	3016	3019	3027	rBV	257343	280440	6.08%	0.710%
54	21.109	3060	3064	3070	rBV	1557386	1944088	42.17%	4.919%
55	23.121	3399	3406	3418	rVB2	2096075	3797191	82.38%	9.609%
56	23.250	3422	3428	3435	rVB	953187	1640847	35.60%	4.152%

Sum of corrected areas: 39518887

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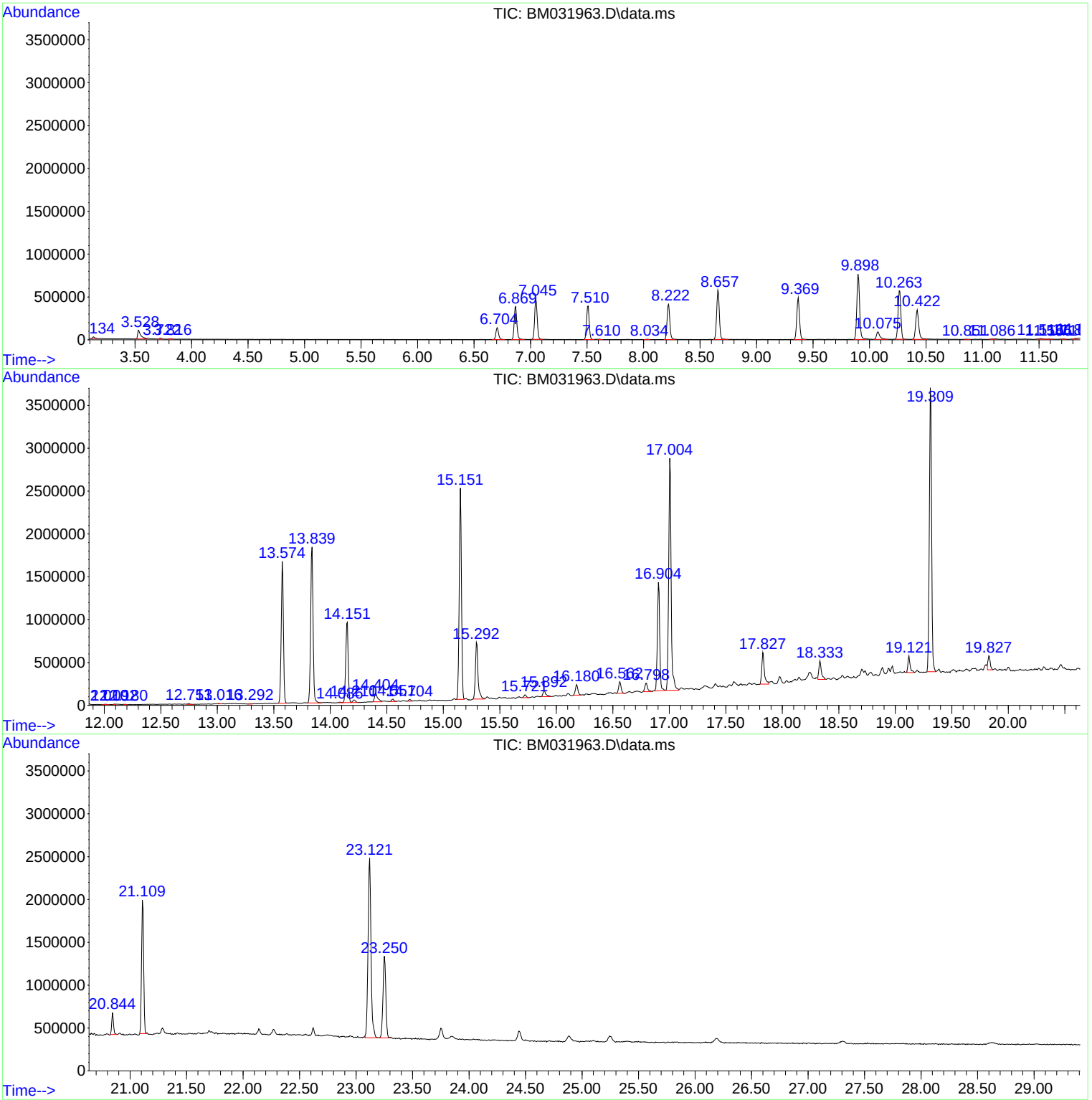
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

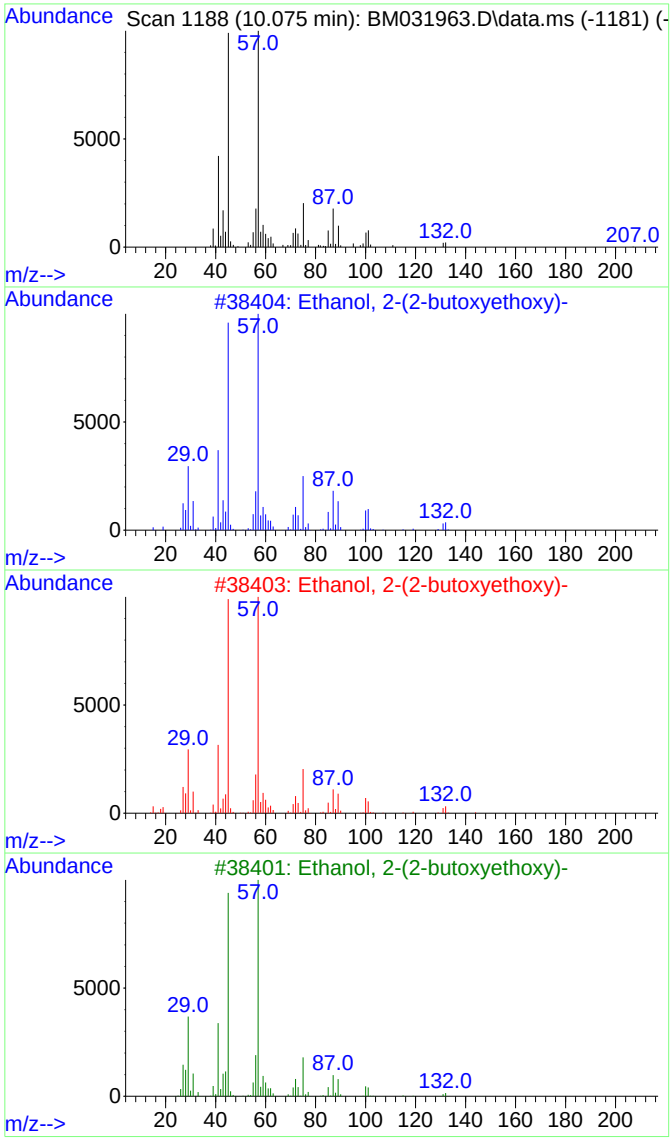
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

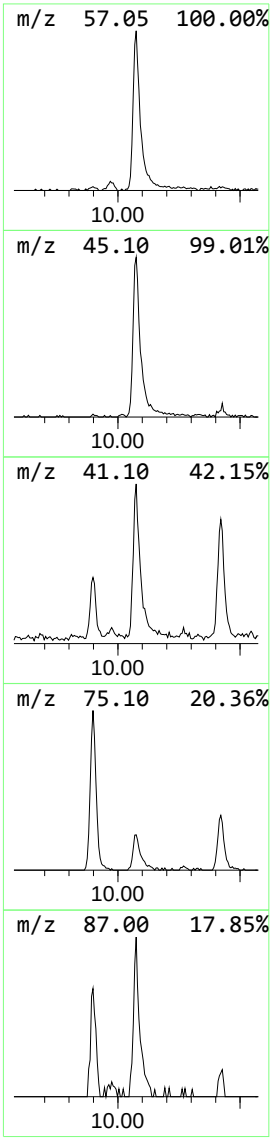
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	3.97 ng/ul	188849	Naphthalene-d8	10.263

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, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

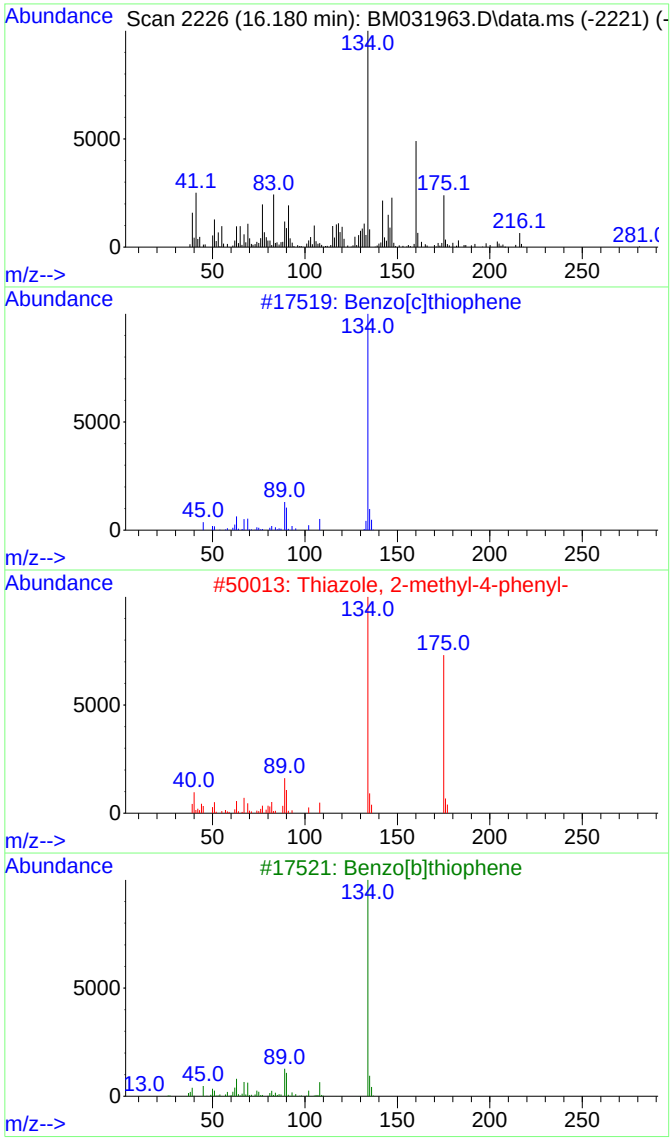
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

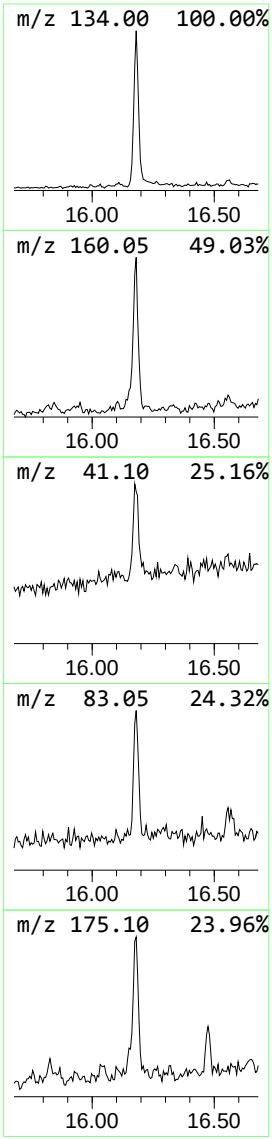
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	2.08 ng/ul	187751	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	38
2	Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	38
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	38
4	1-(4-Methylphenyl)piperazine	176	C11H16N2	039593-08-3	35
5	phosphonic acid, P-[[4-(dimethyl...	271	C13H22NO3P	1010401-75-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

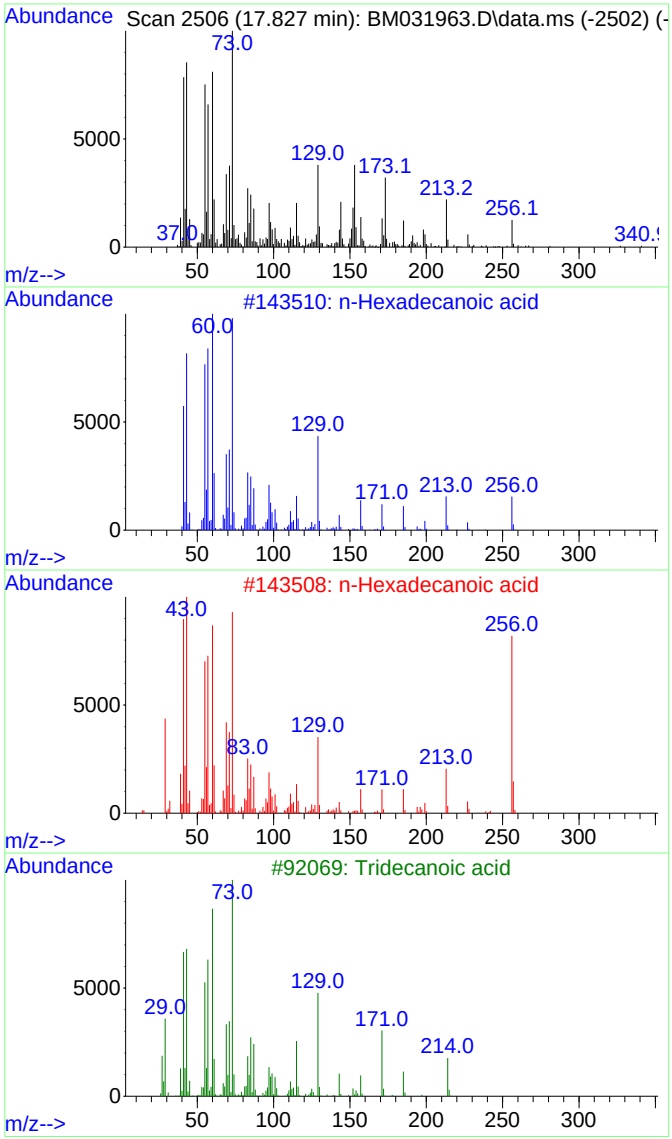
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

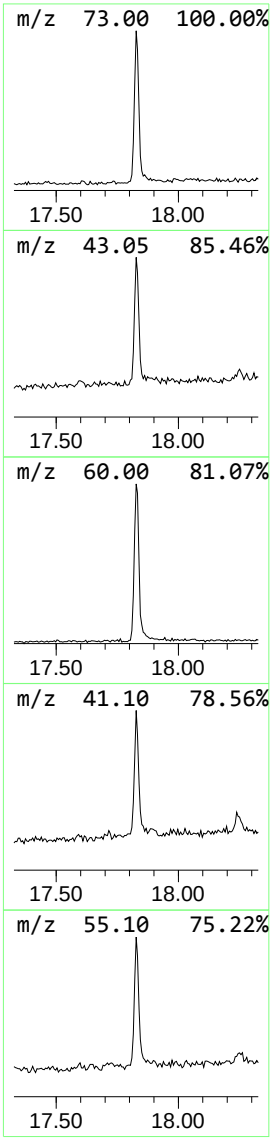
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	6.39 ng/ul	575844	Phenanthrene-d10	16.904

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

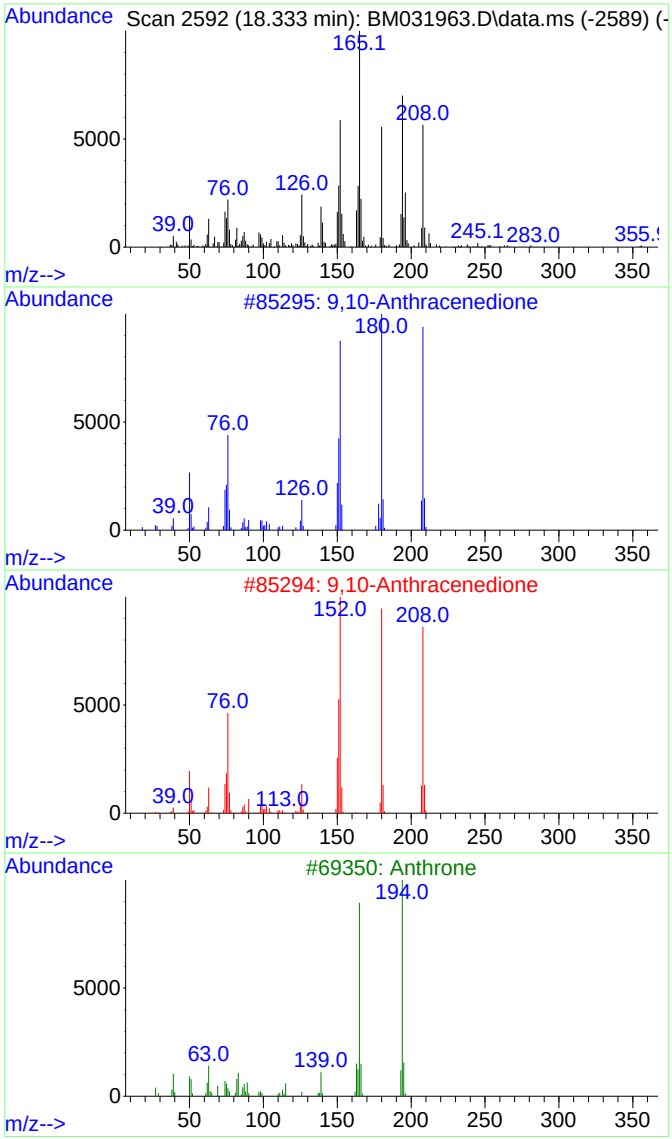
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

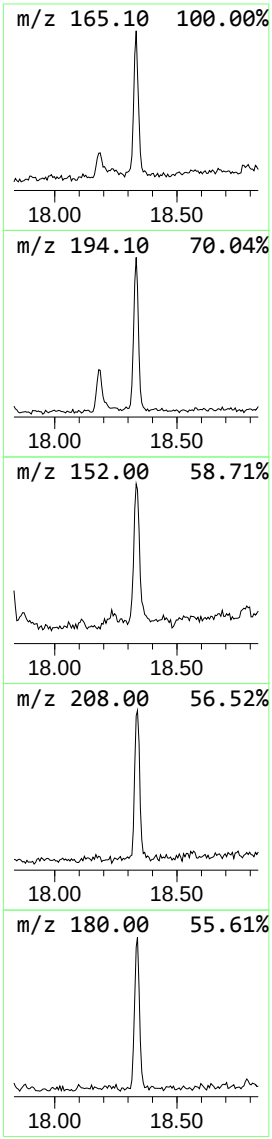
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	3.66 ng/ul	330050	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	80
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	53
3	Anthrone	194	C14H10O	000090-44-8	52
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	49
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	48





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

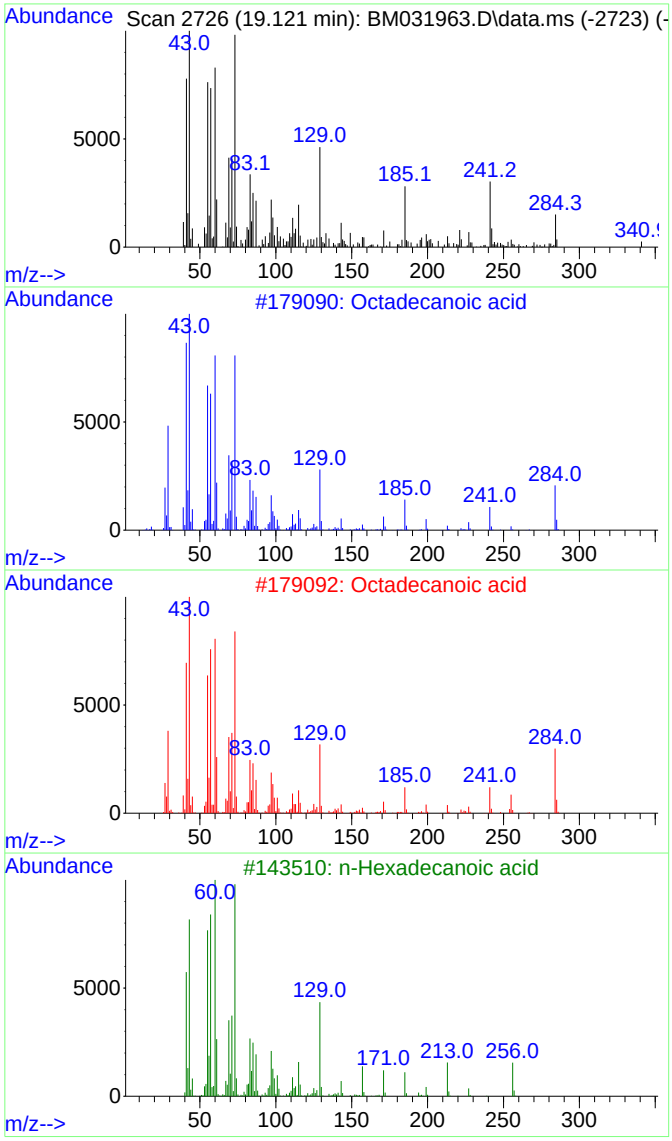
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

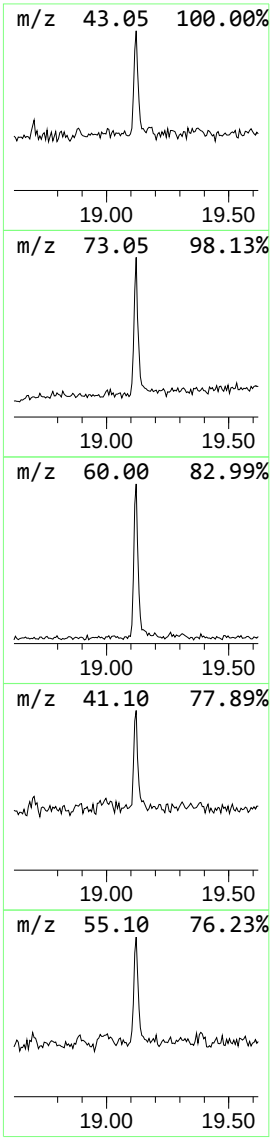
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	2.63 ng/ul	255945	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

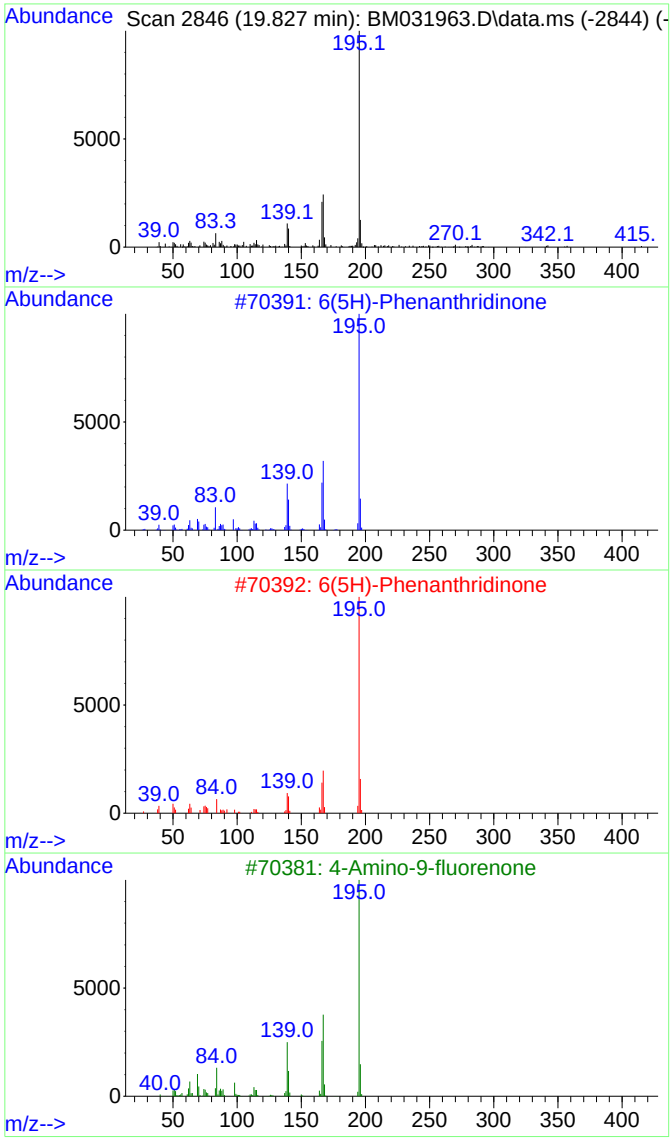
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

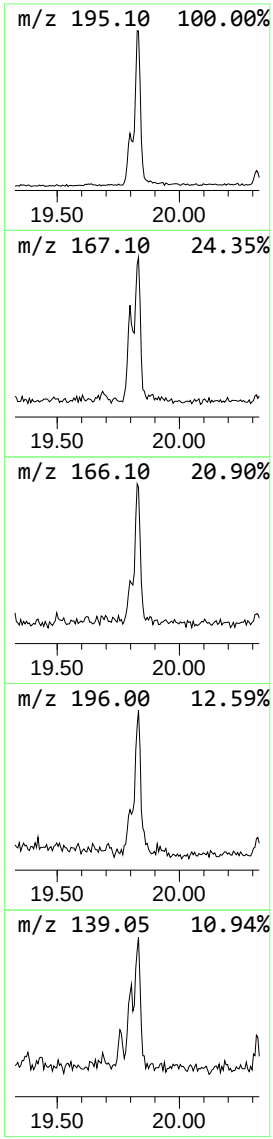
****

Peak Number 6 6(5H)-Phenanthridinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.827	2.22 ng/ul	215423	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	91
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	91
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	91
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	90
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD7

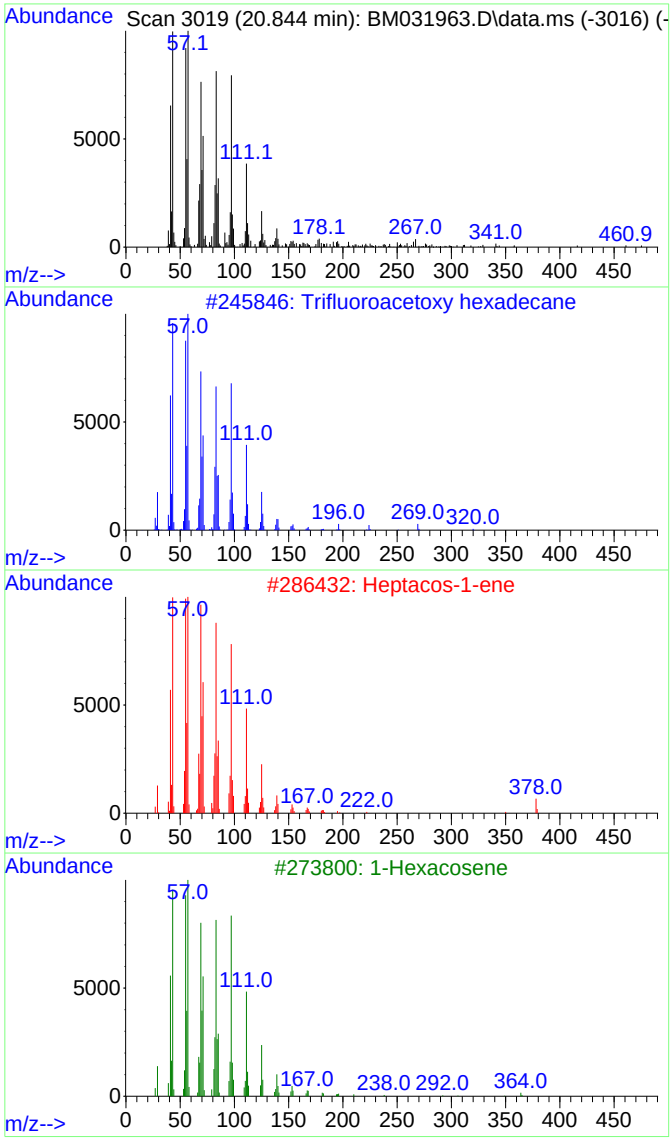
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

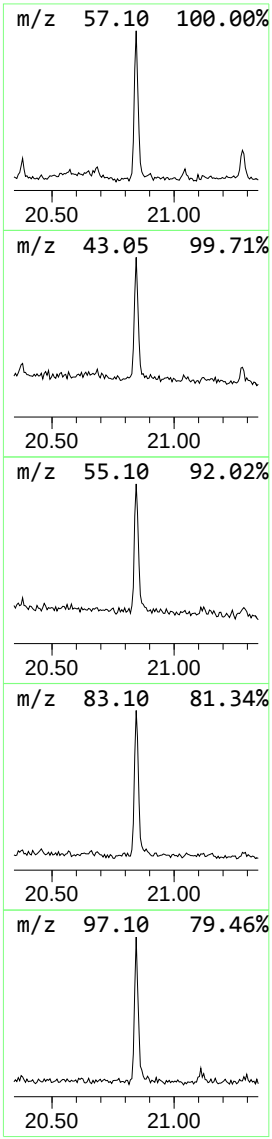
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.844	2.89 ng/ul	280440	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031963.D
Acq On : 30 Aug 2021 23:28
Operator : CG/JU
Sample : M3422-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.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...	10.075	4.0	ng/ul	188849	2	10.263	951264	20.0
unknown-01	16.180	2.1	ng/ul	187751	4	16.904	1801950	20.0
n-Hexadecanoic ...	17.827	6.4	ng/ul	575844	4	16.904	1801950	20.0
9,10-Anthracene...	18.333	3.7	ng/ul	330050	4	16.904	1801950	20.0
Octadecanoic acid	19.121	2.6	ng/ul	255945	5	21.109	1944090	20.0
6(5H)-Phenanthr...	19.827	2.2	ng/ul	215423	5	21.109	1944090	20.0
Trifluoroacetox...	20.844	2.9	ng/ul	280440	5	21.109	1944090	20.0