LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDP8

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030720.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	38	rVB	13010	18758	0.22%	0.072%
2	3.693	100	103	115	rBV	68904	147148	1.69%	0.565%
3	3.775	115	117	126	rVB3	16472	26247	0.30%	0.101%
4	3.993	149	154	163	rVB	30524	45241	0.52%	0.174%
5	4.546	244	248	254	rVB2	7472	11415	0.13%	0.044%
6	5.434	394	399	408	rVB2	11599	23436	0.27%	0.090%
7	5.798	456	461	467	rVB2	7000	11057	0.13%	0.042%
8	6.945	649	656	665	rBV	209198	352920	4.05%	1.354%
9	7.116	678	685	701	rBV	157692	269638	3.09%	1.035%
10	7.310	711	718	728	rVB	223003	359540	4.12%	1.379%
11	7.775	791	797	805	rBV	338633	541990	6.22%	2.079%
12	8.481	907	917	928	rBV	241856	406698	4.66%	1.560%
13	8.598	934	937	944	rVB3	7153	12163	0.14%	0.047%
14	8.934	987	994	1003	rVB	194263	324810	3.72%	1.246%
15	9.651	1109	1116	1127	rBV	154049	255790	2.93%	0.981%
16	10.186	1200	1207	1226	rVB	228362	411128	4.71%	1.577%
17	10.563	1263	1271	1278	rBV	447757	766962	8.80%	2.943%
18	10.704	1287	1295	1310	rBV	182581	370941	4.25%	1.423%
19	13.304	1731	1737	1742	rBV2	5528	9410	0.11%	0.036%
20	13.816	1817	1824	1829	rBV	444532	624374	7.16%	2.396%
21	13.863	1829	1832	1837	rVV	81228	113825	1.31%	0.437%
22	13.927	1837	1843	1859	rVB	72026	150491	1.73%	0.577%
23	14.098	1866	1872	1884	rVB	495402	733626	8.41%	2.815%
24	14.404	1916	1924	1932	rBV	689897	1012681	11.61%	3.885%
25	14.616	1952	1960	1975	rBV	79213	195837	2.25%	0.751%
26	14.833	1994	1997	2004	rVB3	7391	9754	0.11%	0.037%
27	15.398	2085	2093	2099	rBV	674254	963322	11.05%	3.696%
28	15.521	2109	2114	2130	rBV	115399	185662	2.13%	0.712%
29	15.815	2160	2164	2171	rBV	16926	24178	0.28%	0.093%
30	16.227	2231	2234	2238	rBV2	7462	10375	0.12%	0.040%
31	16.292	2240	2245	2251	rVB3	9173	16571	0.19%	0.064%
32	16.351	2251	2255	2259	rBV4	6037	9920	0.11%	0.038%
33	16.557	2284	2290	2294	rBV7	5015	10507	0.12%	0.040%
34	16.904	2340	2349	2352	rBV8	5078	12594	0.14%	0.048%
35	17.145	2382	2390	2395	rBV	836200	1155413	13.25%	4.433%
36	17.186	2395	2397	2401	rVV	61819	70683	0.81%	0.271%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDP8

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-BM062221.M
Title : SVOA CALIBRATION

37	17.245	2401	2407	2418	rVB	669977	1008692	11.57%	3.870%
38	18.033	2535	2541	2551	rBV2	71890	131397	1.51%	0.504%
39	18.109	2551	2554	2557	rVB	7436	9355	0.11%	0.036%
40	18.215	2567	2572	2576	rBV3	12117	21072	0.24%	0.081%
41	18.468	2609	2615	2622	rBV	354190	493389	5.66%	1.893%
42	19.198	2730	2739	2746	rBV	119845	192482	2.21%	0.738%
43	19.315	2755	2759	2763	rBV6	18462	32369	0.37%	0.124%
44	19.533	2790	2796	2809	rVB2	792719	1255236	14.39%	4.816%
45	20.527	2960	2965	2970	rBV	8311190	8720413	100.00%	33.457%
46	21.021	3045	3049	3059	rVB3	111820	150600	1.73%	0.578%
47	21.227	3081	3084	3088	rBV2	31740	37035	0.42%	0.142%
48	21.309	3093	3098	3103	rBV	846336	1128404	12.94%	4.329%
49	23.421	3451	3457	3470	rVB2	432055	939686	10.78%	3.605%
50	23.562	3475	3481	3492	rVB2	523449	1023975	11.74%	3.929%
51	27.938	4216	4225	4240	rVB4	361167	1255056	14.39%	4.815%

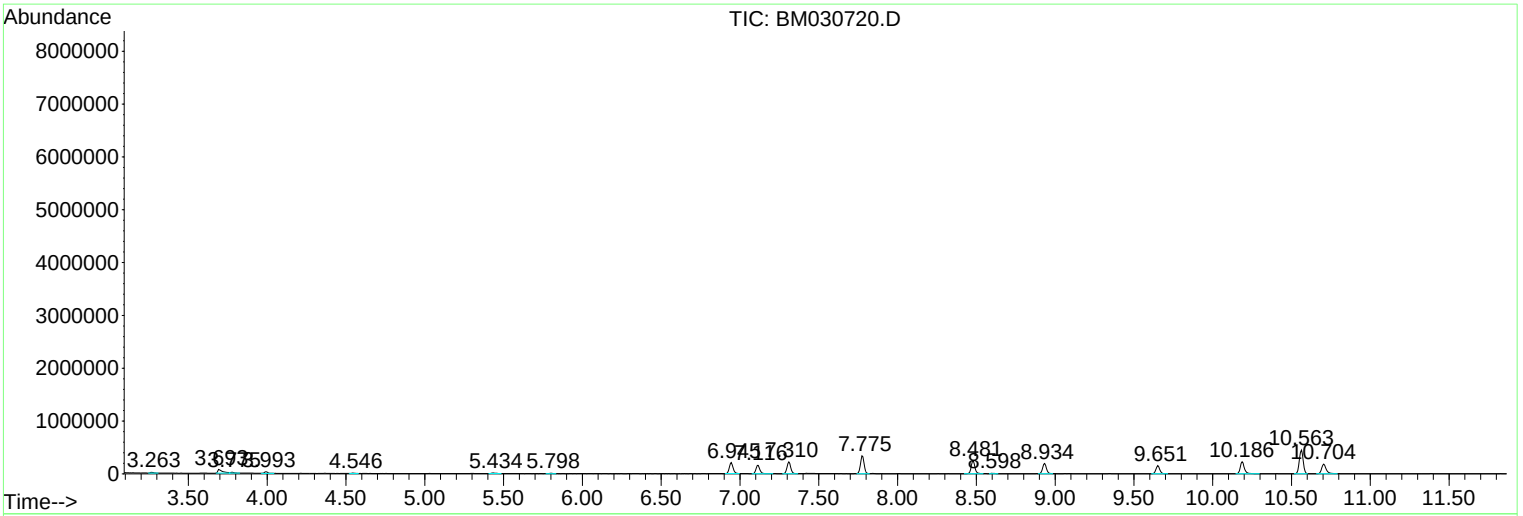
Sum of corrected areas: 26064266

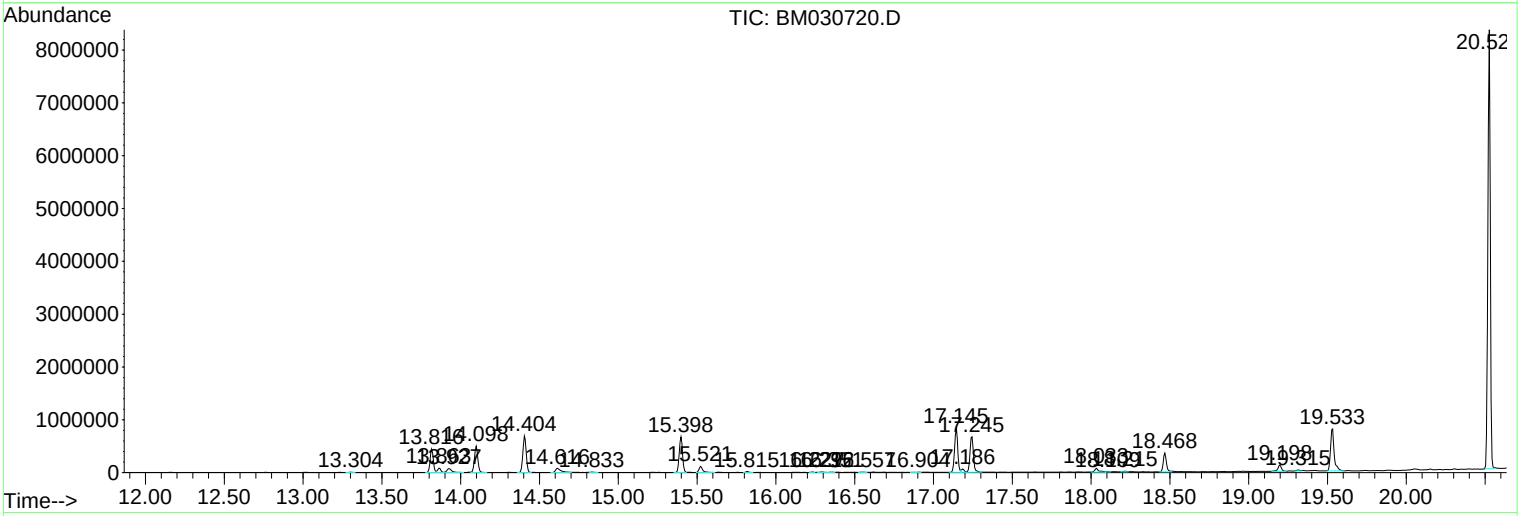
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

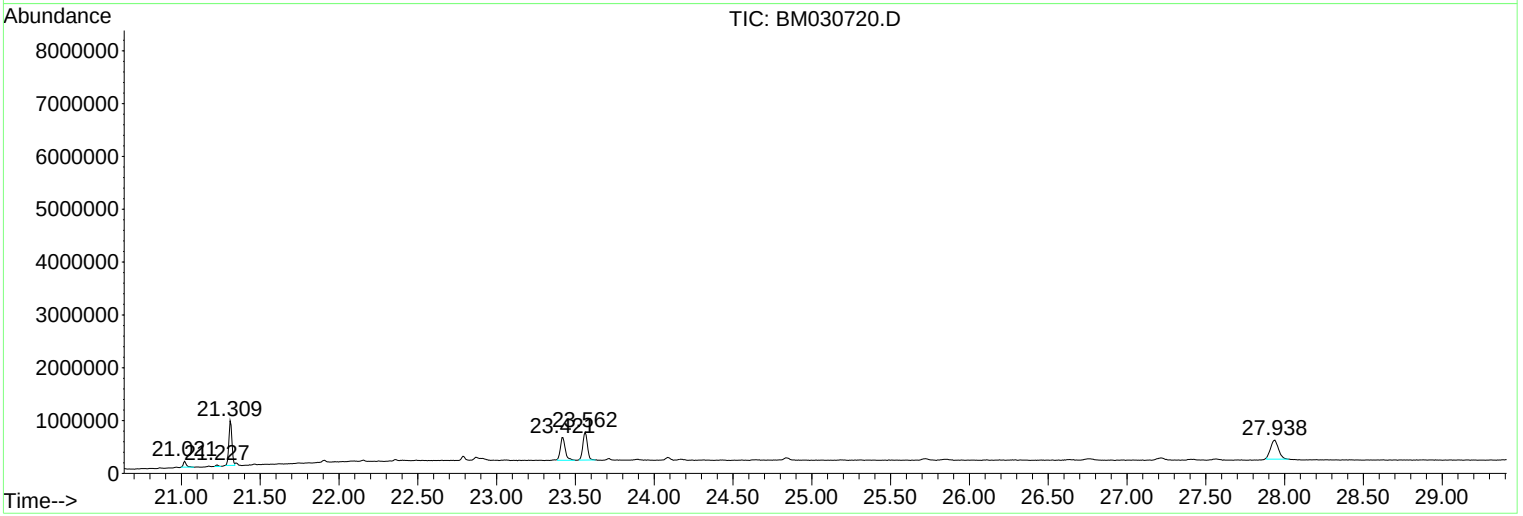
Instrument :
BNA_M
ClientSampleId :
BGDP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

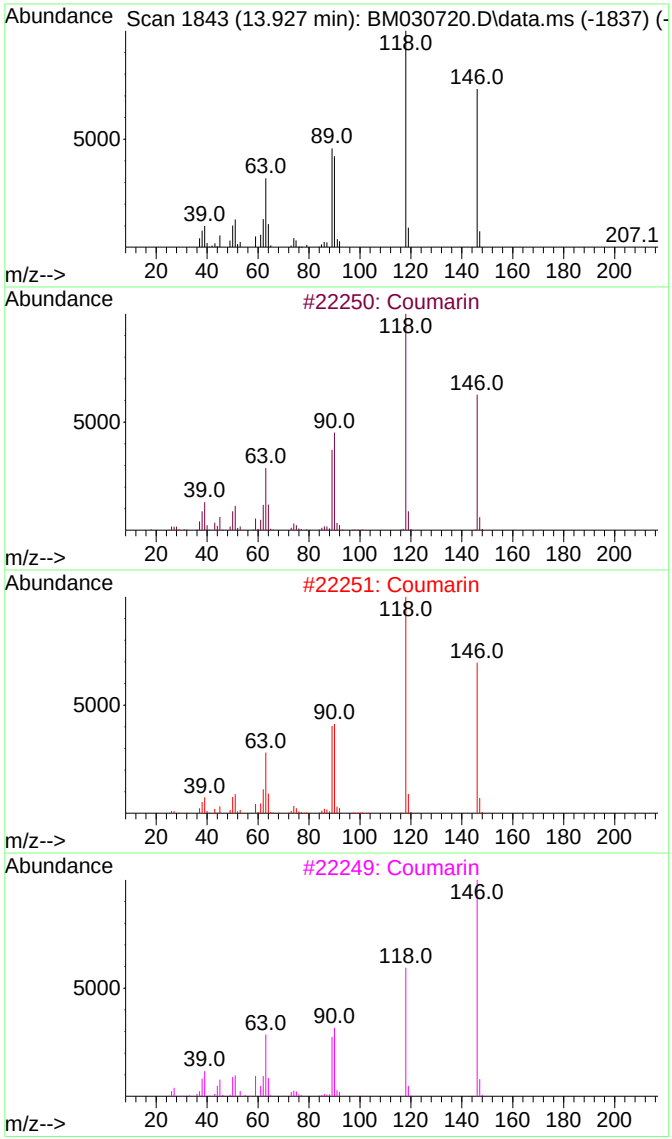
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

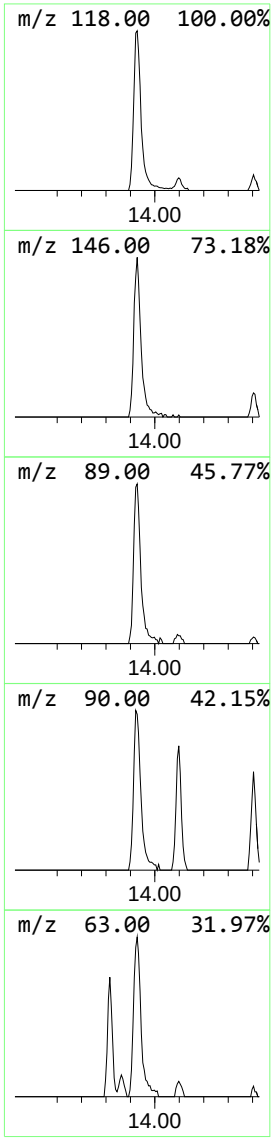
****

Peak Number 1 Coumarin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.930	2.97 ng/ul	150491	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coumarin	146	C9H6O2	000091-64-5	98
2	Coumarin	146	C9H6O2	000091-64-5	98
3	Coumarin	146	C9H6O2	000091-64-5	94
4	Benzofuran	118	C8H6O	000271-89-6	93
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

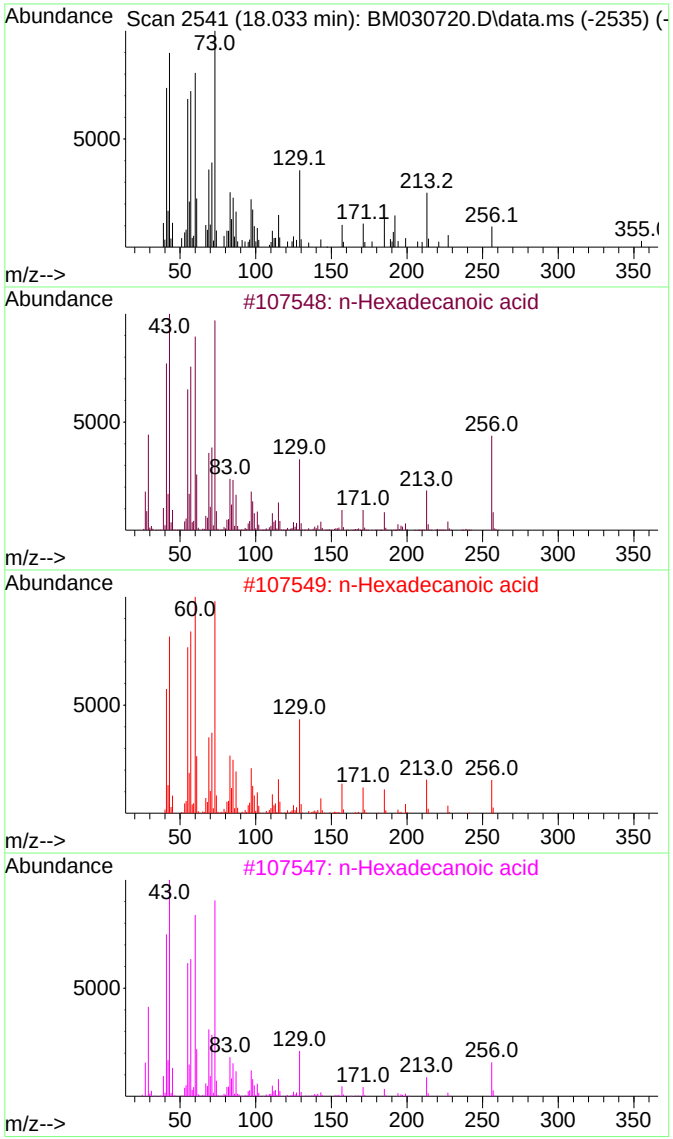
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

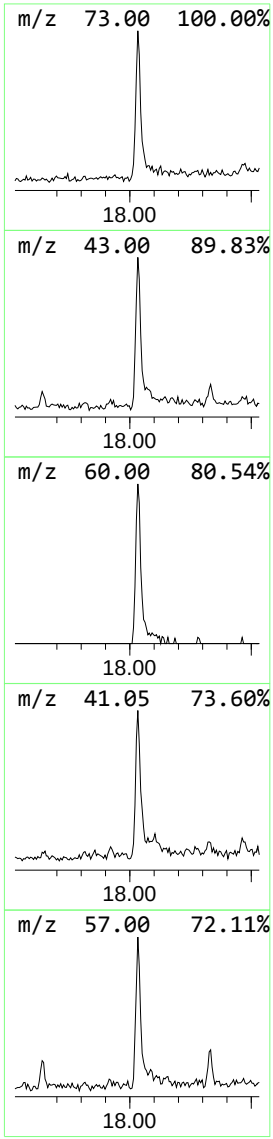
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	2.27 ng/ul	131397	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDP8

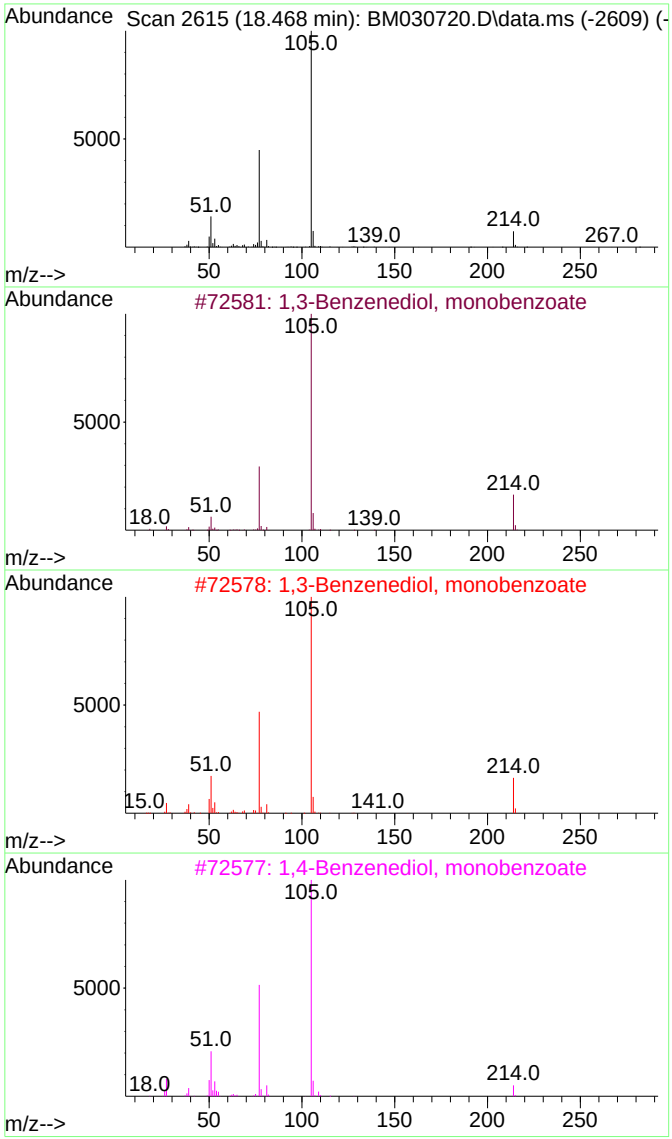
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

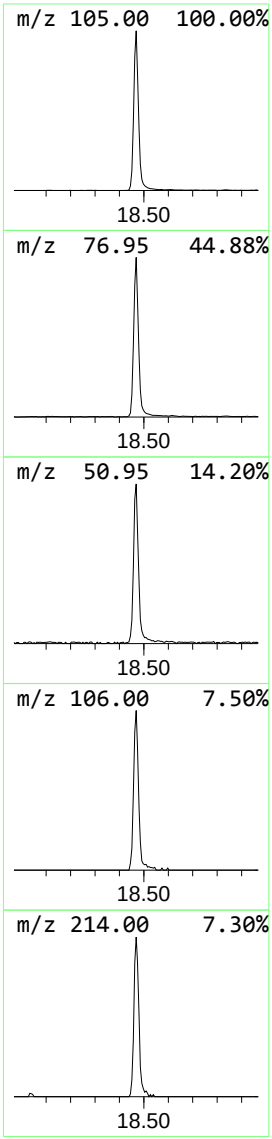
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	8.54 ng/ul	493389	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	86
4	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	86
5	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP8

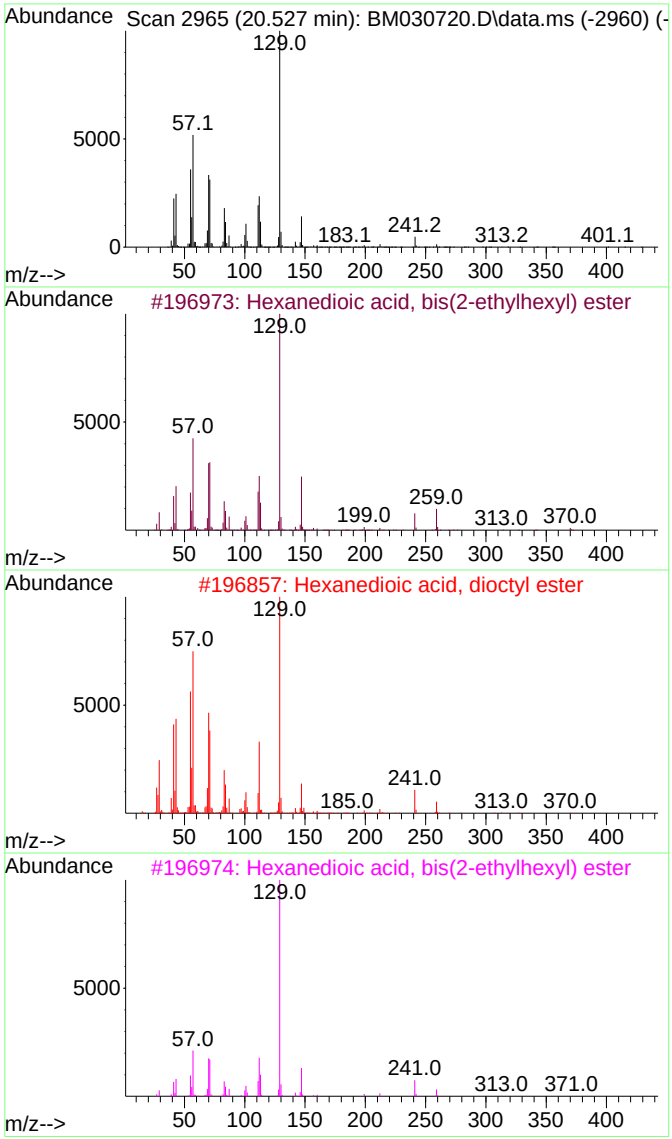
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

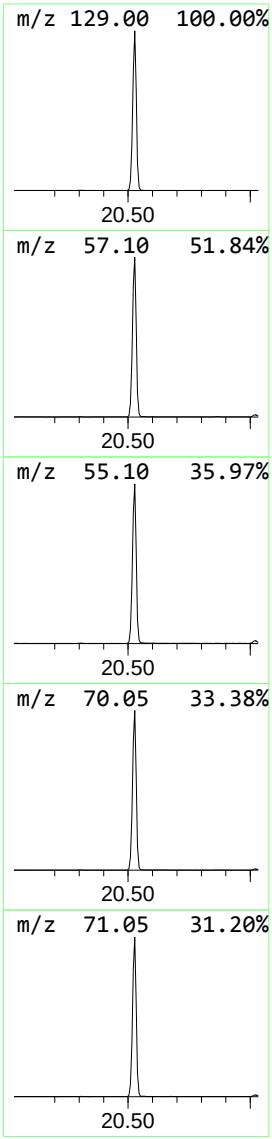
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.530	154.56 ng/ul	8720410	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDP8

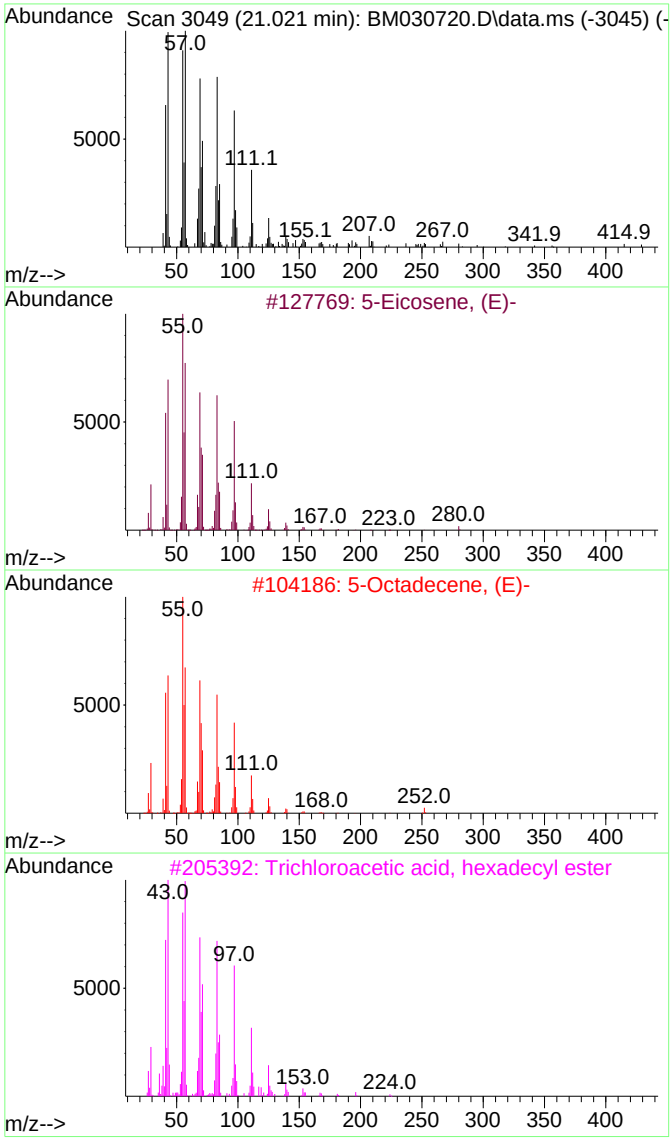
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

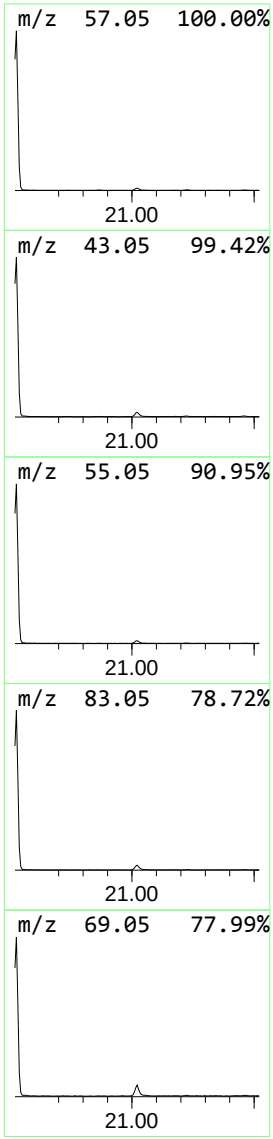
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.020	2.67 ng/ul	150600	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

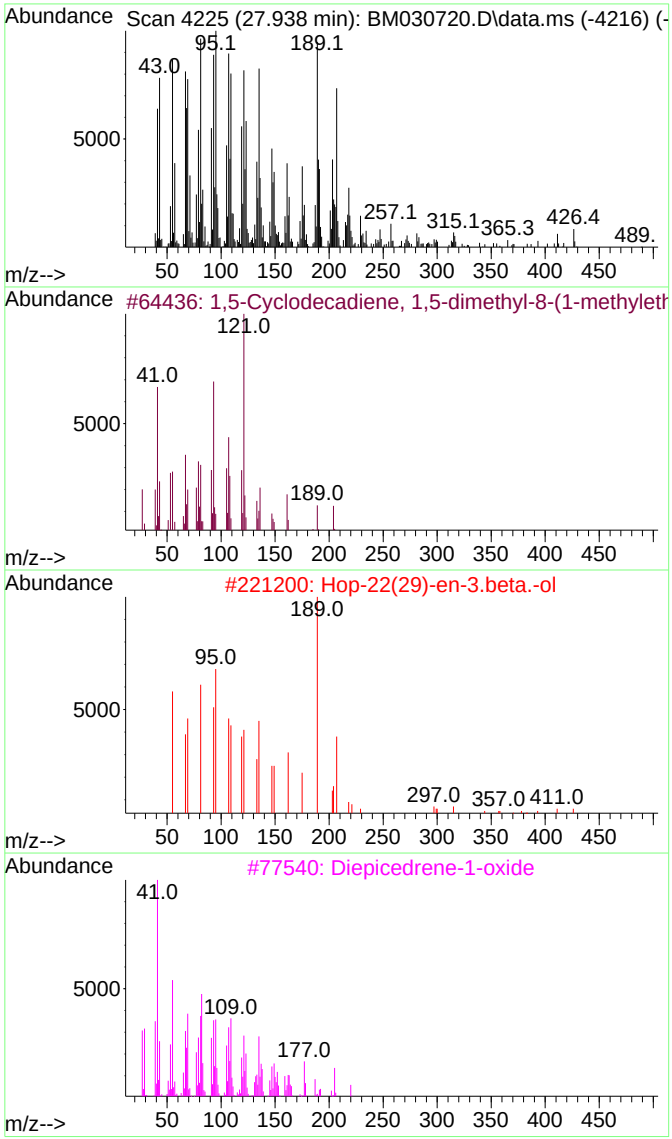
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

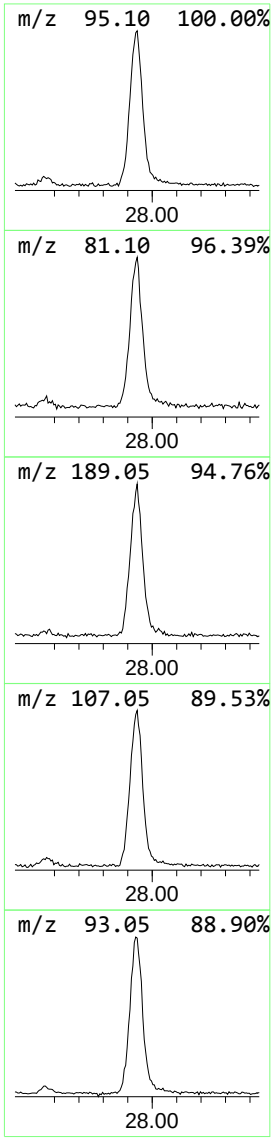
****

Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.940	24.51 ng/ul	1255060	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	43
3	Diepicedrene-1-oxide	220	C15H24O	1000156-11-0	41
4	.gamma.-Elemene	204	C15H24	029873-99-2	41
5	Longifolenaldehyde	220	C15H24O	019890-84-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030720.D
Acq On : 01 Jul 2021 00:22
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDP8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Coumarin	13.930	3.0	ng/ul	150491	3	14.404	1012680	20.0
n-Hexadecanoic ...	18.030	2.3	ng/ul	131397	4	17.145	1155410	20.0
1,3-Benzenediol...	18.470	8.5	ng/ul	493389	4	17.145	1155410	20.0
Hexanedioic aci...	20.530	154.6	ng/ul	8720410	5	21.309	1128400	20.0
(DEL) Alkane: S...	21.020	2.7	ng/ul	150600	5	21.309	1128400	20.0
unknown-01	27.940	24.5	ng/ul	1255060	6	23.562	1023980	20.0