LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036592.D
Acq On : 19 Sep 2022 22:24
Operator : CG/JU
Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5766

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036592.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	25	rVB	13517325	19297598	100.00%	16.593%
2	3.393	48	52	58	rBV	76887	98839	0.51%	0.085%
3	4.063	161	166	174	rVV	80289	128199	0.66%	0.110%
4	4.163	178	183	188	rBV	29649	40564	0.21%	0.035%
5	5.105	337	343	352	rVB2	82188	132468	0.69%	0.114%
6	7.175	687	695	704	rBV	1300501	2065750	10.70%	1.776%
7	7.351	718	725	734	rBV	1149945	1769325	9.17%	1.521%
8	7.551	752	759	769	rBV	1324275	2074890	10.75%	1.784%
9	7.646	772	775	783	rVB5	14960	26227	0.14%	0.023%
10	8.028	832	840	846	rBV	1704531	2655631	13.76%	2.283%
11	8.087	846	850	858	rVB	33717	55536	0.29%	0.048%
12	8.728	950	959	971	rBV	1608067	2519674	13.06%	2.166%
13	8.851	971	980	987	rVB2	23572	52402	0.27%	0.045%
14	9.192	1029	1038	1046	rBV	1262929	2101360	10.89%	1.807%
15	9.357	1061	1066	1070	rBV6	14836	22803	0.12%	0.020%
16	9.622	1108	1111	1122	rVB2	27158	49551	0.26%	0.043%
17	9.916	1152	1161	1172	rBV	960378	1539286	7.98%	1.324%
18	10.451	1244	1252	1267	rBV	1527187	2542125	13.17%	2.186%
19	10.610	1275	1279	1285	rBV3	25872	42442	0.22%	0.036%
20	10.839	1309	1318	1326	rBV	2429709	4016640	20.81%	3.454%
21	10.969	1333	1340	1351	rBV	657952	1110883	5.76%	0.955%
22	12.416	1579	1586	1591	rBV	34276	53640	0.28%	0.046%
23	13.486	1763	1768	1775	rBV2	35701	52372	0.27%	0.045%
24	14.063	1858	1866	1877	rBV	2925280	4032598	20.90%	3.467%
25	14.345	1907	1914	1924	rVB	3539153	4996737	25.89%	4.296%
26	14.551	1946	1949	1954	rVB4	16566	19982	0.10%	0.017%
27	14.651	1959	1966	1977	rVV	4031811	5606117	29.05%	4.820%
28	14.822	1988	1995	2005	rBV	674633	954967	4.95%	0.821%
29	15.057	2031	2035	2042	rVB	79934	111621	0.58%	0.096%
30	15.451	2096	2102	2107	rBV4	13577	27860	0.14%	0.024%
31	15.639	2126	2134	2145	rBV	4447268	6392586	33.13%	5.497%
32	15.745	2145	2152	2160	rBV	681316	967643	5.01%	0.832%
33	15.874	2169	2174	2184	rVB	38798	63265	0.33%	0.054%
34	16.416	2263	2266	2273	rVB6	16247	26507	0.14%	0.023%
35	16.886	2340	2346	2350	rBV2	14747	24254	0.13%	0.021%
36	17.386	2423	2431	2440	rBV	4826987	6538358	33.88%	5.622%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036592.D
Acq On : 19 Sep 2022 22:24
Operator : CG/JU
Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

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-BM091522.M
Title : SVOA CALIBRATION

37	17.486	2441	2448	2458	rVV	4864329	6873282	35.62%	5.910%
38	17.568	2458	2462	2475	rVB5	44851	94355	0.49%	0.081%
39	17.957	2525	2528	2532	rBV2	13734	19393	0.10%	0.017%
40	18.057	2542	2545	2550	rVB3	28724	38920	0.20%	0.033%
41	18.274	2578	2582	2591	rBV	69856	121024	0.63%	0.104%
42	18.351	2592	2595	2599	rVB	18046	25569	0.13%	0.022%
43	19.162	2730	2733	2737	rVV5	26920	36967	0.19%	0.032%
44	19.204	2737	2740	2745	rVB2	21965	28395	0.15%	0.024%
45	19.333	2758	2762	2766	rVB2	53145	70637	0.37%	0.061%
46	19.404	2769	2774	2777	rBV	59826	86283	0.45%	0.074%
47	19.545	2795	2798	2806	rBV5	48281	75324	0.39%	0.065%
48	19.698	2821	2824	2829	rVB4	24502	28134	0.15%	0.024%
49	19.762	2829	2835	2842	rBV	5859762	7902889	40.95%	6.795%
50	20.274	2920	2922	2925	rBV3	27880	26012	0.13%	0.022%
51	20.309	2925	2928	2933	rVB	106750	121414	0.63%	0.104%
52	20.762	3001	3005	3009	rBV	212693	271332	1.41%	0.233%
53	20.804	3009	3012	3016	rVB	125175	137183	0.71%	0.118%
54	21.262	3085	3090	3098	rBV	930349	1314901	6.81%	1.131%
55	21.545	3133	3138	3151	rVB	5627430	7461309	38.66%	6.415%
56	21.715	3163	3167	3172	rBV	217524	265356	1.38%	0.228%
57	22.198	3243	3249	3259	rBV2	673529	1130419	5.86%	0.972%
58	22.698	3330	3334	3343	rVB	195903	307263	1.59%	0.264%
59	23.262	3426	3430	3435	rBV	305742	496122	2.57%	0.427%
60	23.833	3519	3527	3535	rBV2	3475329	6898012	35.75%	5.931%
61	23.915	3536	3541	3546	rVV	344853	645200	3.34%	0.555%
62	23.992	3546	3554	3568	rVB2	3088303	6554924	33.97%	5.636%
63	24.662	3662	3668	3676	rVB	396944	807130	4.18%	0.694%
64	25.533	3811	3816	3826	rVB2	348354	837225	4.34%	0.720%
65	26.844	4033	4039	4051	rVB2	503490	1416837	7.34%	1.218%

Sum of corrected areas: 116302511

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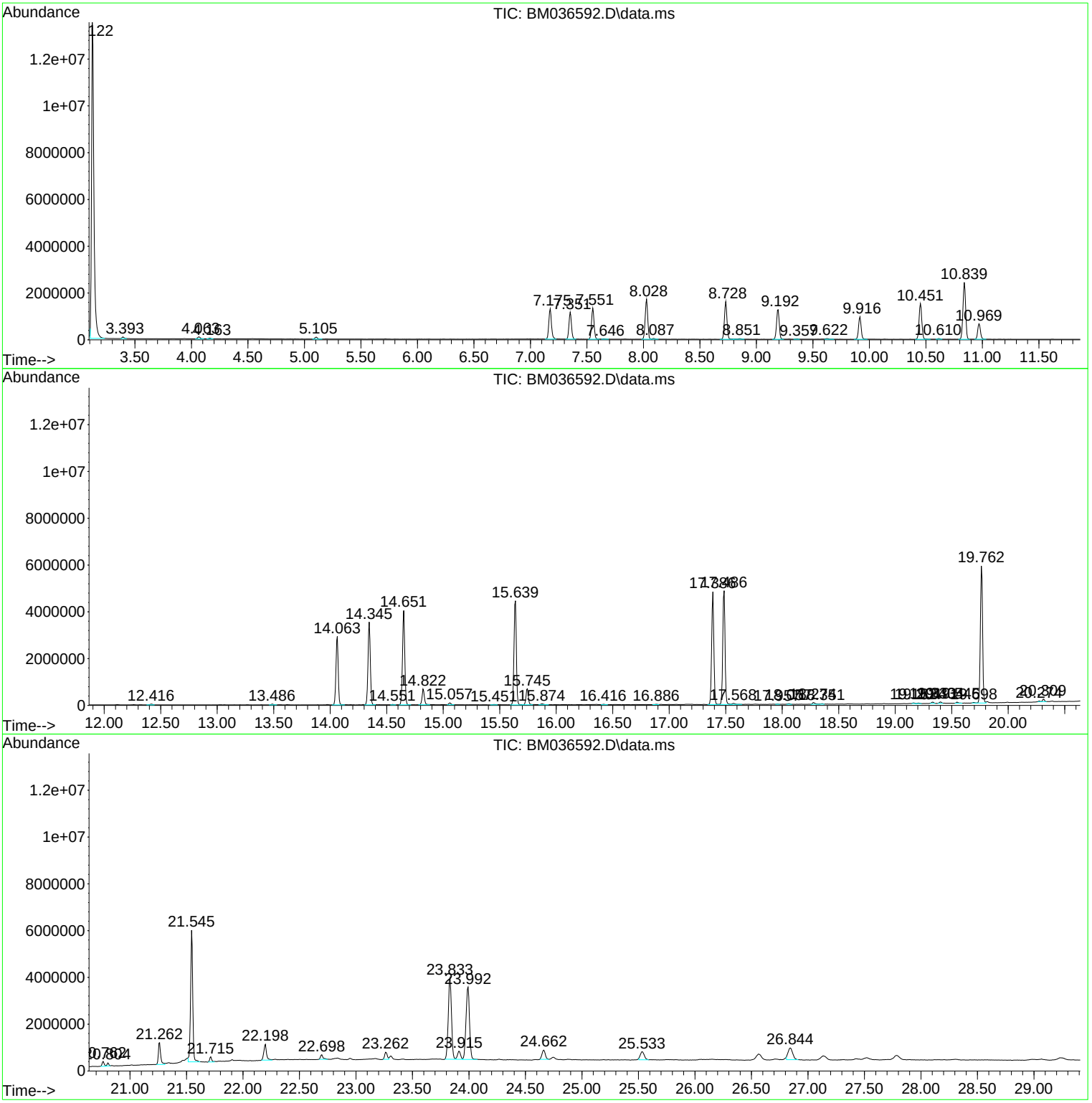
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
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Acq On : 19 Sep 2022 22:24
Operator : CG/JU
Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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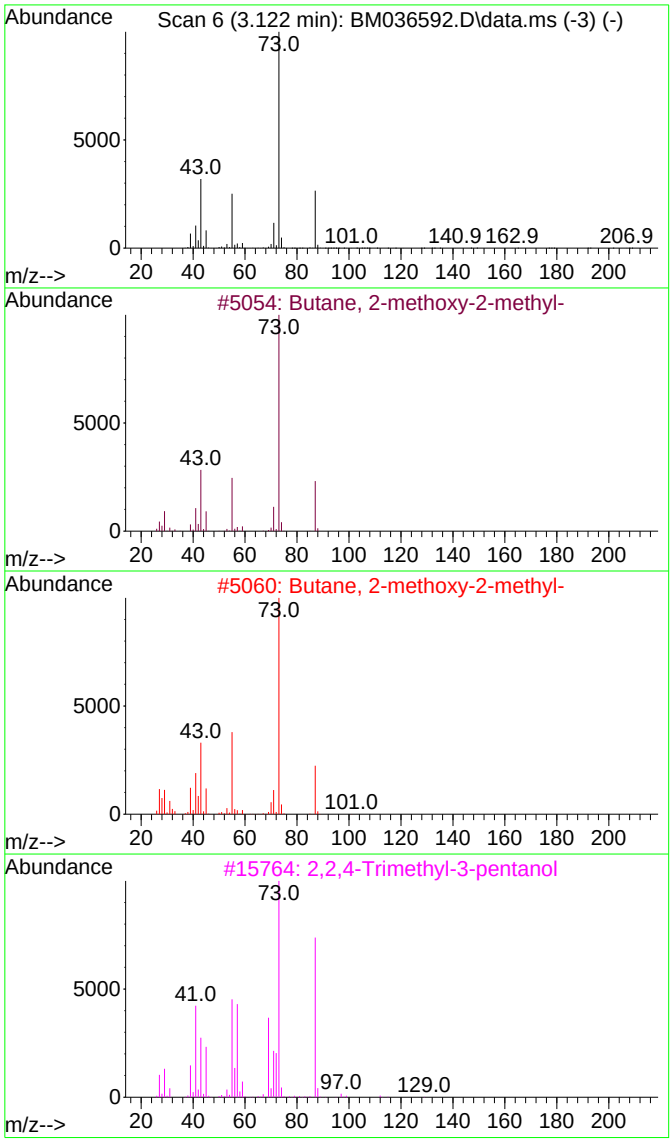
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

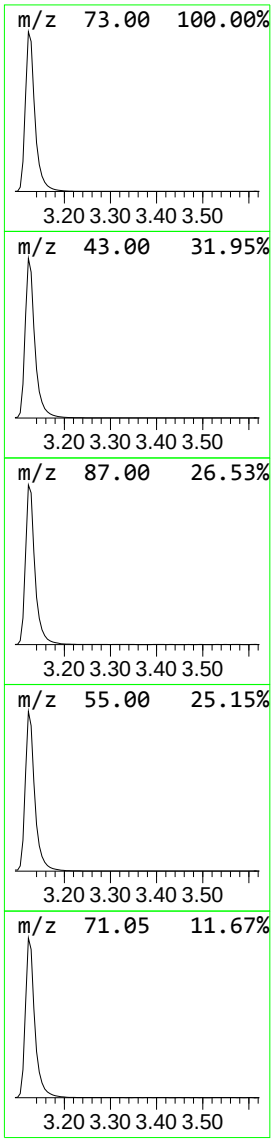
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	145.33 ng/ul	19297600	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036592.D
Acq On : 19 Sep 2022 22:24
Operator : CG/JU
Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

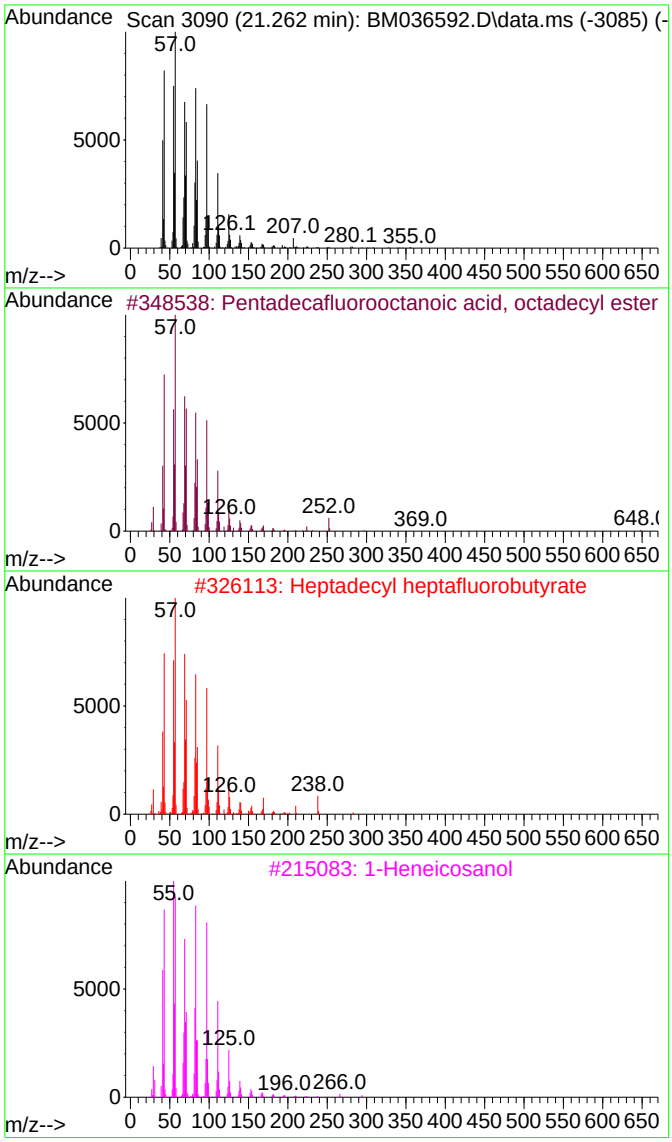
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

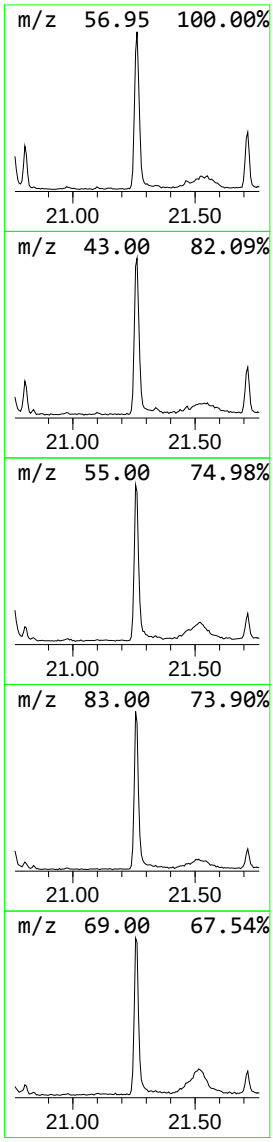
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	3.52 ng/ul	1314900	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036592.D
Acq On : 19 Sep 2022 22:24
Operator : CG/JU
Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

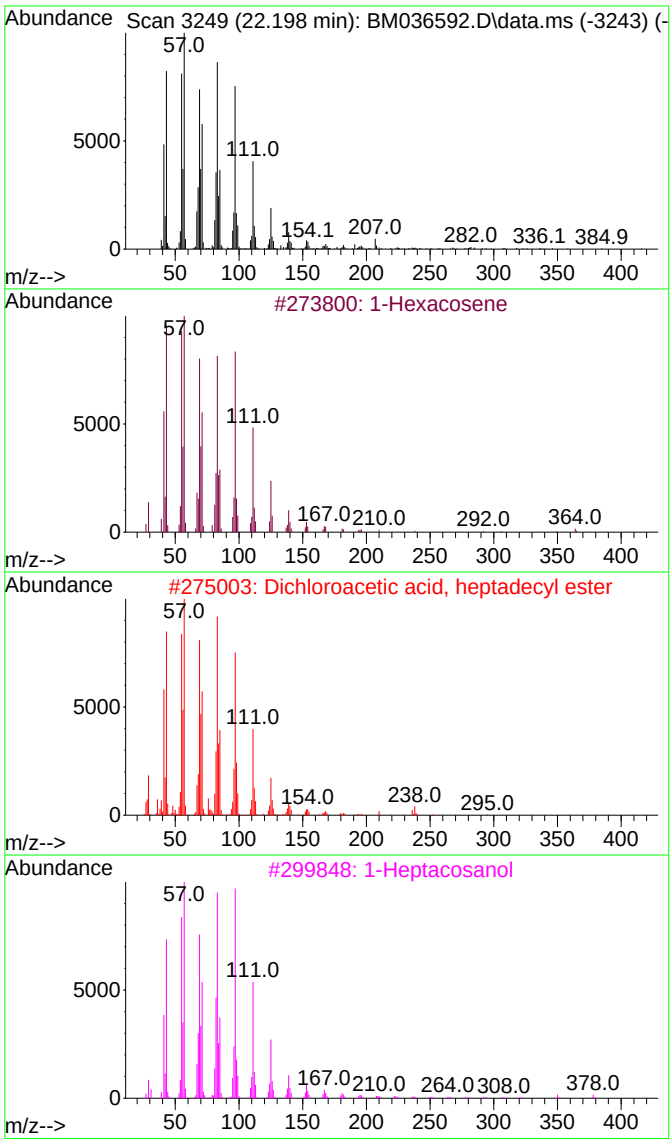
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

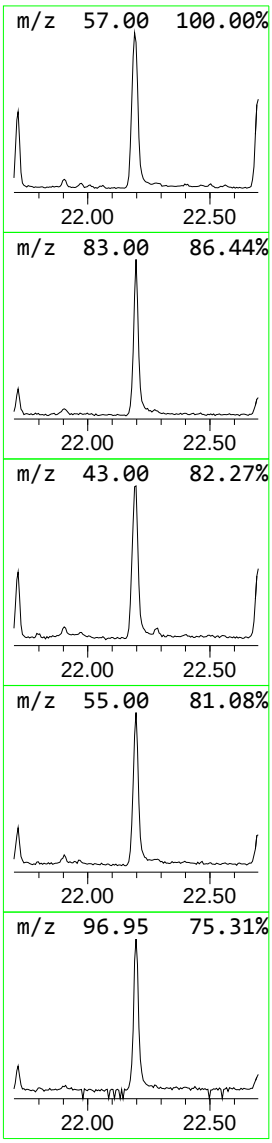
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.198	3.03 ng/ul	1130420	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
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Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

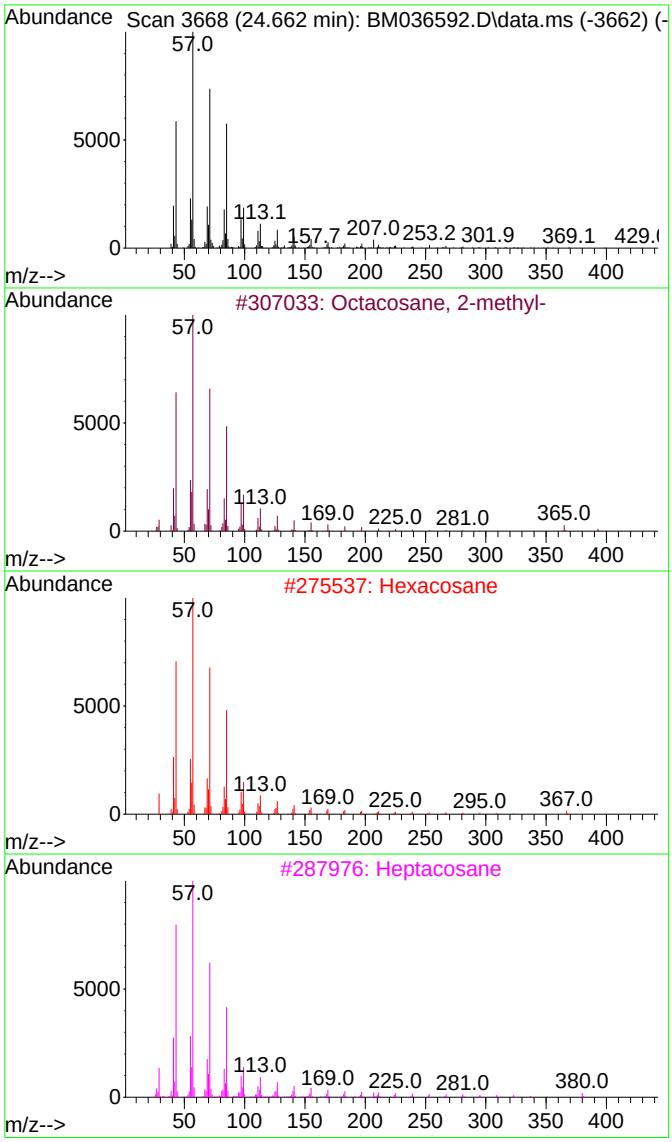
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

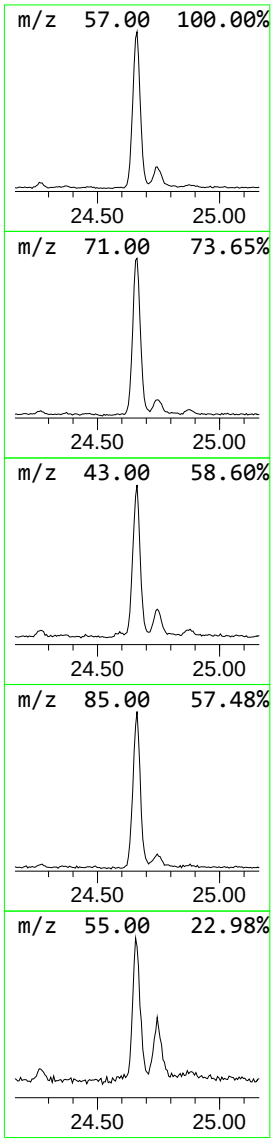
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.662	2.46 ng/ul	807130	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Acq On : 19 Sep 2022 22:24
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Sample : N4604-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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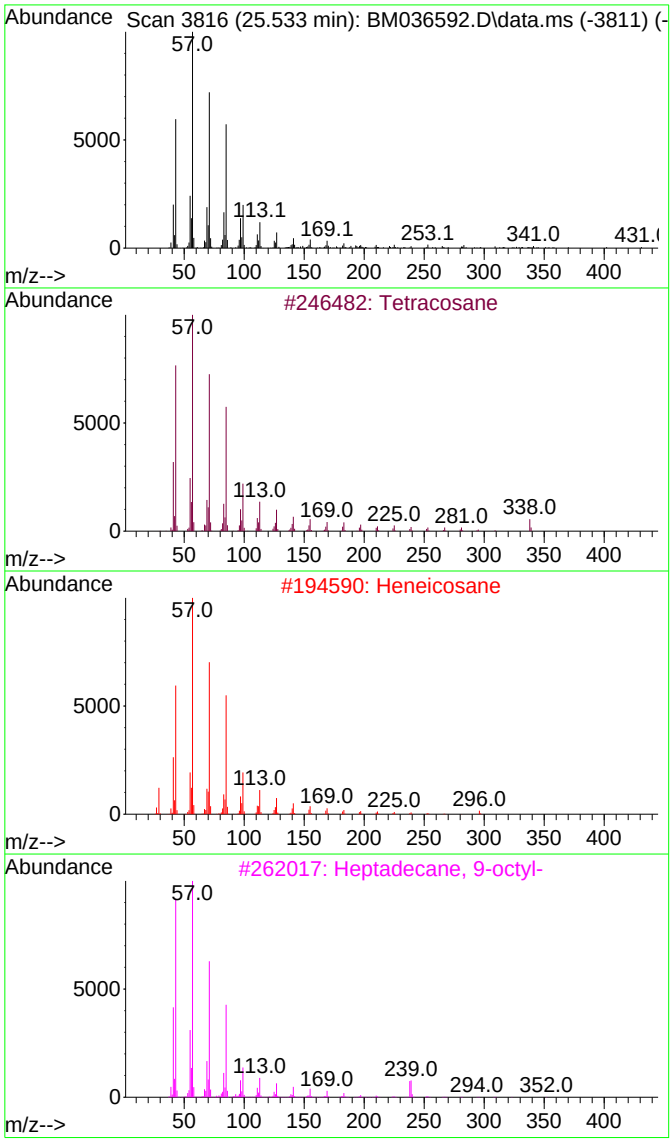
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

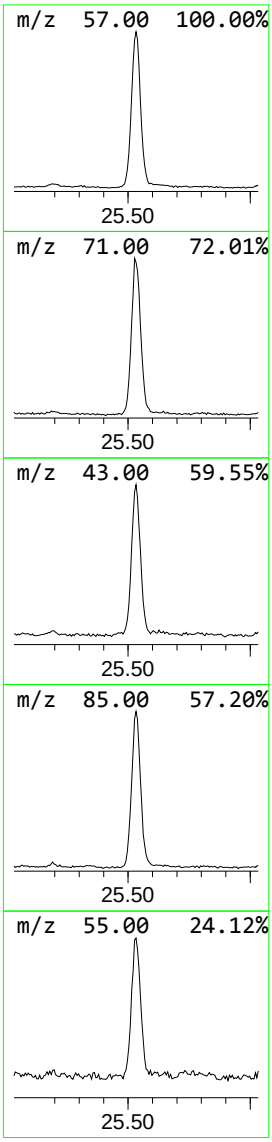
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.533	2.55 ng/ul	837225	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





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Sample : N4604-07
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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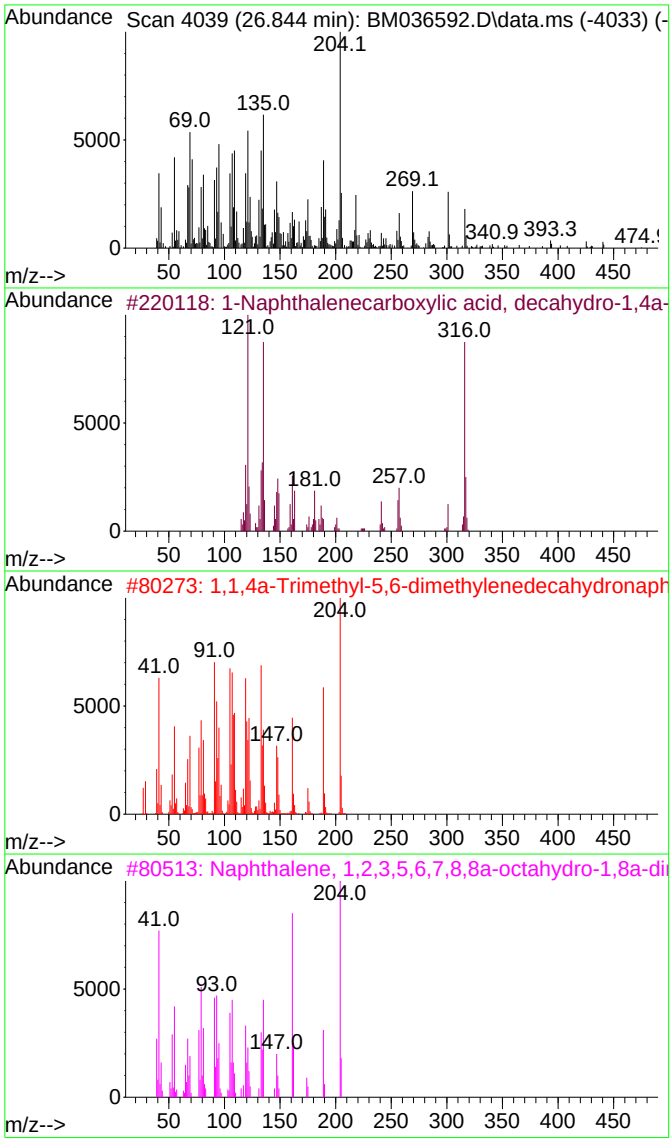
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

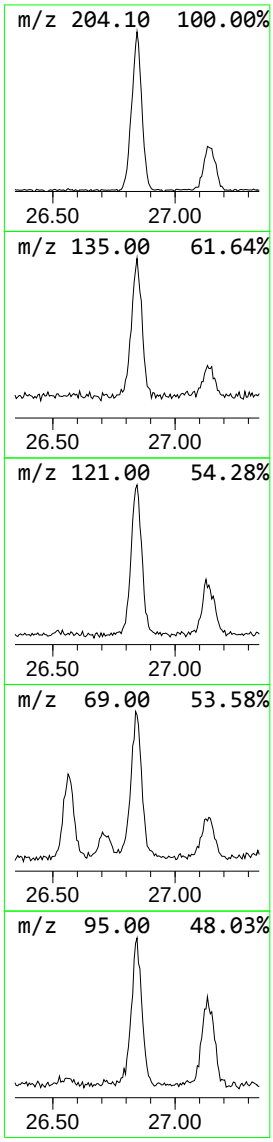
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Naphthalenecarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.844	4.32 ng/ul	1416840	Perylene-d12	23.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	53
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	53
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	49
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036592.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5766

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.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
Butane, 2-metho...	3.122	145.3	ng/ul	19297600	1	8.028	2655630	20.0
Pentadecafluoro...	21.262	3.5	ng/ul	1314900	5	21.545	7461310	20.0
(DEL) Alkane: S...	22.198	3.0	ng/ul	1130420	5	21.545	7461310	20.0
(DEL) Alkane: S...	24.662	2.5	ng/ul	807130	6	23.991	6554920	20.0
(DEL) Alkane: S...	25.533	2.5	ng/ul	837225	6	23.991	6554920	20.0
1-Naphthaleneca...	26.844	4.3	ng/ul	1416840	6	23.991	6554920	20.0