

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026825.D
 Acq On : 22 Jul 2020 01:36
 Operator : JU/CG
 Sample : L3336-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB(071620)

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.902	25	28	35	rVB	29829	39652	1.23%	0.139%
2	3.513	127	132	137	rVB4	7907	14897	0.46%	0.052%
3	3.590	141	145	149	rBV3	7096	10373	0.32%	0.036%
4	6.519	637	643	655	rBV	90854	167407	5.18%	0.587%
5	6.660	661	667	677	rBV	340083	512190	15.86%	1.795%
6	6.842	691	698	712	rBV	380411	592821	18.36%	2.077%
7	7.295	769	775	786	rVV	334536	523002	16.20%	1.833%
8	7.395	786	792	800	rVB7	2850	6680	0.21%	0.023%
9	8.031	894	900	914	rBV	297033	477966	14.80%	1.675%
10	8.136	914	918	929	rVB	10539	19799	0.61%	0.069%
11	8.448	963	971	983	rBV	483694	780248	24.16%	2.734%
12	9.160	1086	1092	1107	rBV	417861	675351	20.91%	2.367%
13	9.701	1177	1184	1204	rBV	436382	884140	27.38%	3.098%
14	10.048	1236	1243	1253	rVB	472727	769437	23.83%	2.696%
15	10.236	1268	1275	1286	rBV3	21580	56759	1.76%	0.199%
16	11.672	1514	1519	1526	rVB	5368	10903	0.34%	0.038%
17	12.566	1668	1671	1677	rVB4	3370	5614	0.17%	0.020%
18	12.877	1719	1724	1730	rBV2	5615	10089	0.31%	0.035%
19	13.395	1805	1812	1816	rBV	1195076	1556701	48.21%	5.455%
20	13.442	1816	1820	1831	rVB	210137	295485	9.15%	1.035%
21	13.648	1848	1855	1867	rBV	1231111	1721245	53.30%	6.032%
22	13.960	1902	1908	1916	rBV2	779640	1079642	33.43%	3.783%
23	14.248	1952	1957	1971	rBV5	27264	87545	2.71%	0.307%
24	14.448	1988	1991	1997	rVB5	2662	4130	0.13%	0.014%
25	14.748	2038	2042	2048	rBV	37386	49951	1.55%	0.175%
26	14.801	2048	2051	2054	rVV	3455	4207	0.13%	0.015%
27	14.830	2054	2056	2059	rVV3	3716	3790	0.12%	0.013%
28	14.865	2059	2062	2070	rVB3	3405	4525	0.14%	0.016%
29	14.971	2073	2080	2091	rBV	1586929	2185252	67.67%	7.658%
30	15.124	2100	2106	2118	rBV	595047	875646	27.12%	3.069%
31	15.212	2118	2121	2129	rVB3	22251	34379	1.06%	0.120%
32	15.683	2195	2201	2205	rBV5	1651	3398	0.11%	0.012%
33	15.730	2205	2209	2211	rBV2	5364	5993	0.19%	0.021%
34	15.754	2211	2213	2218	rVB4	4745	6950	0.22%	0.024%

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Integration Parameters: LSCINT.P

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35	16.524	2340	2344	2349	rBV4	5937	9710	0.30%	0.034%
36	16.724	2372	2378	2388	rVB	1020484	1326508	41.08%	4.649%
37	16.824	2388	2395	2414	rVB	1984202	2684153	83.12%	9.406%
38	17.154	2447	2451	2453	rBV3	2733	3826	0.12%	0.013%
39	17.259	2468	2469	2474	rVB4	3038	3778	0.12%	0.013%
40	17.665	2532	2538	2547	rBV	141683	211324	6.54%	0.741%
41	17.953	2585	2587	2591	rVB4	3921	4726	0.15%	0.017%
42	18.595	2694	2696	2701	rBV5	2679	3686	0.11%	0.013%
43	18.771	2721	2726	2730	rBV	20295	26201	0.81%	0.092%
44	18.959	2754	2758	2764	rBV	80611	120412	3.73%	0.422%
45	19.018	2764	2768	2772	rVB2	20293	30267	0.94%	0.106%
46	19.136	2781	2788	2801	rBV	2423966	3229273	100.00%	11.316%
47	19.230	2801	2804	2810	rVB8	8354	9559	0.30%	0.033%
48	19.318	2818	2819	2823	rBV4	3087	3338	0.10%	0.012%
49	19.730	2887	2889	2893	rVB4	5074	4841	0.15%	0.017%
50	20.236	2972	2975	2978	rVB2	10828	10470	0.32%	0.037%
51	20.694	3048	3053	3065	rBV	125114	211850	6.56%	0.742%
52	20.942	3090	3095	3105	rBV	1227593	1586988	49.14%	5.561%
53	21.136	3125	3128	3132	rBV	71532	71646	2.22%	0.251%
54	21.553	3195	3199	3203	rBV	129277	155815	4.83%	0.546%
55	21.977	3267	3271	3277	rBV	200263	231238	7.16%	0.810%
56	22.430	3344	3348	3354	rBV	215194	276167	8.55%	0.968%
57	22.877	3418	3424	3430	rBV	1643805	2588268	80.15%	9.070%
58	22.936	3430	3434	3439	rVV	231565	341289	10.57%	1.196%
59	23.006	3440	3446	3460	rVB	869489	1468843	45.49%	5.147%
60	23.506	3527	3531	3538	rVB	174166	260439	8.06%	0.913%
61	24.159	3638	3642	3649	rVB	102965	185360	5.74%	0.650%

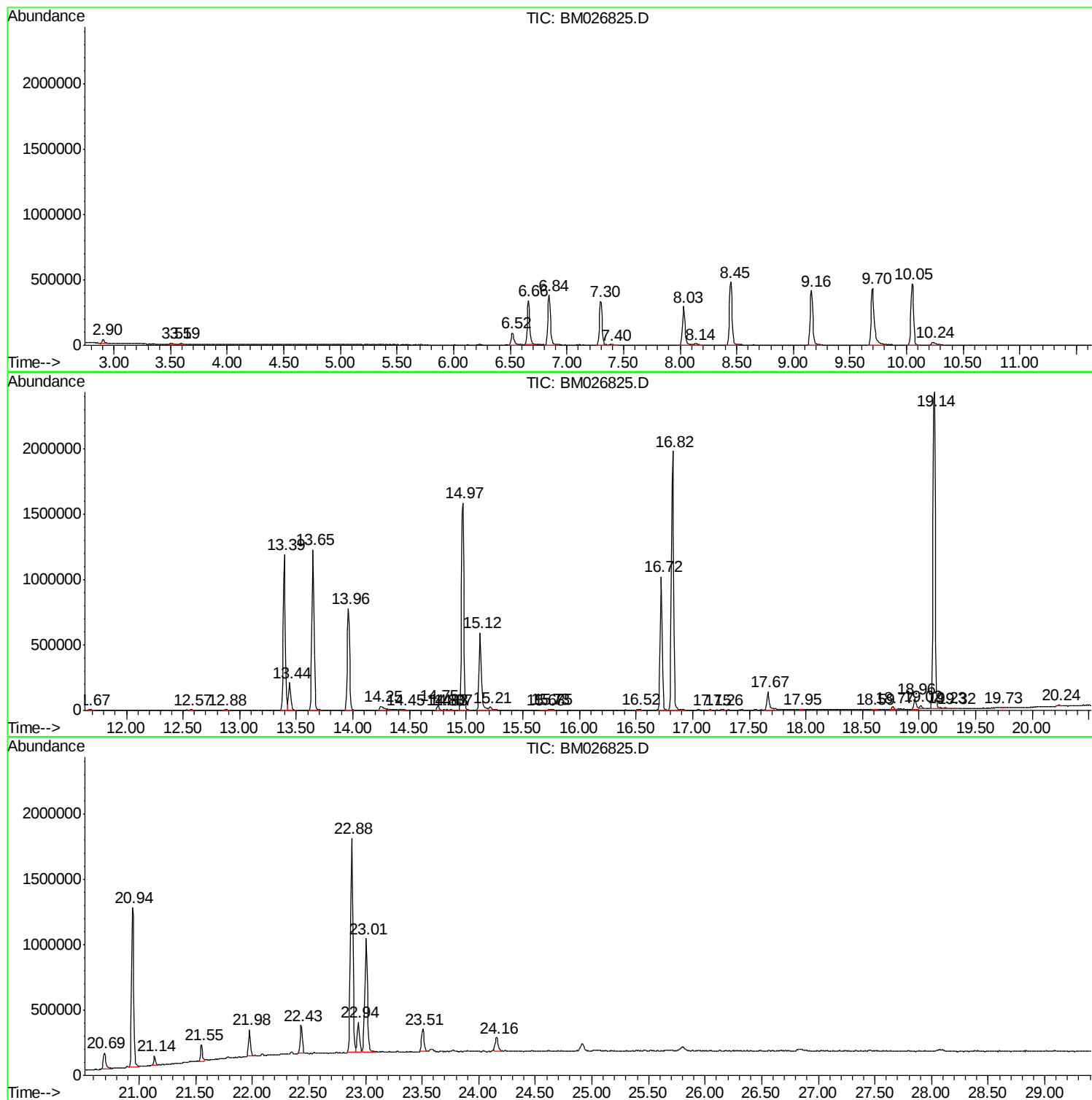
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Quant Title : SVOA CALIBRATION

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



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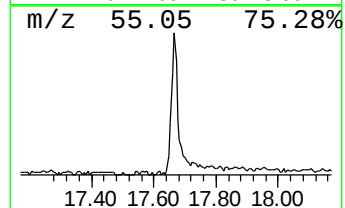
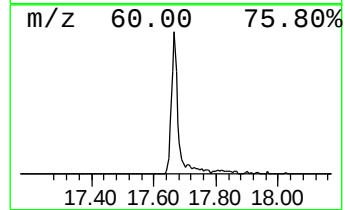
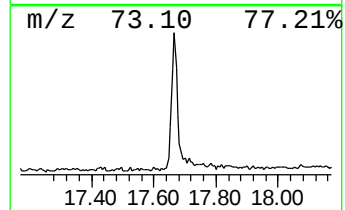
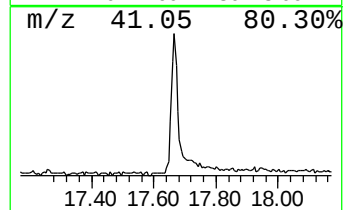
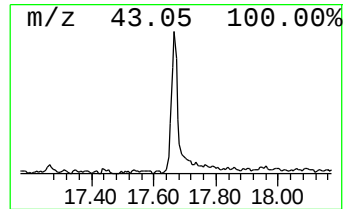
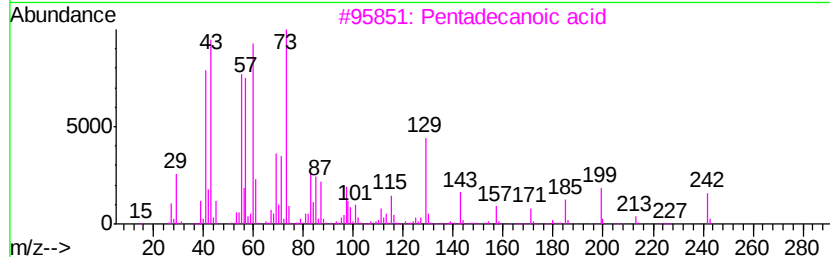
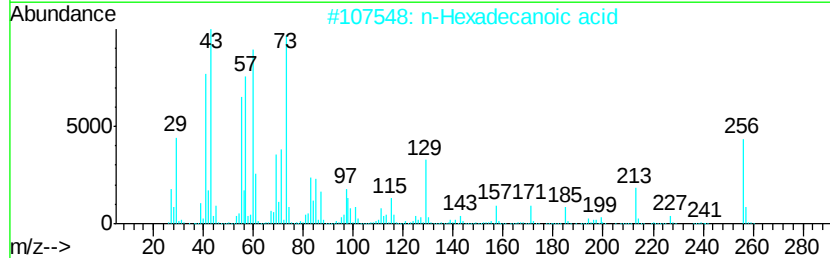
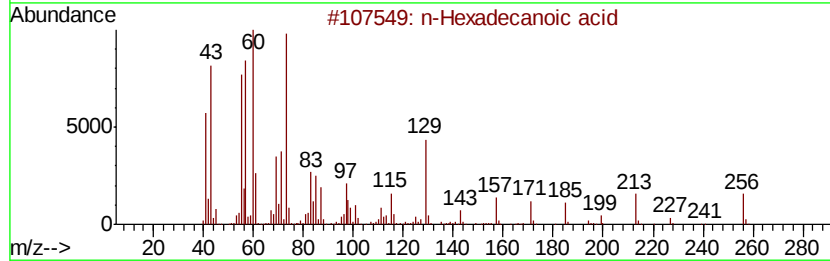
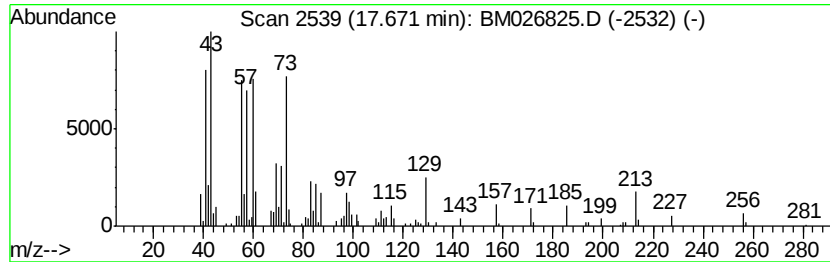
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.67	3.19 ng/ul	211324	Phenanthrene-d10	16.72		
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	97
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
5	Tridecanoic acid		214	C13H26O2	000638-53-9	74



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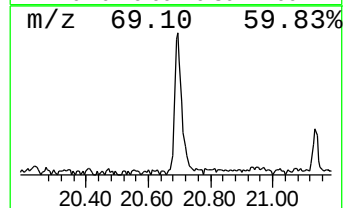
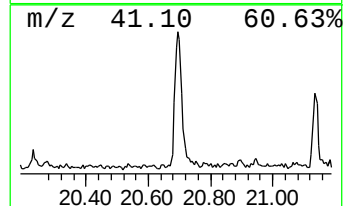
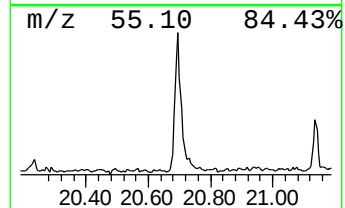
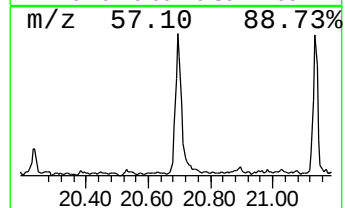
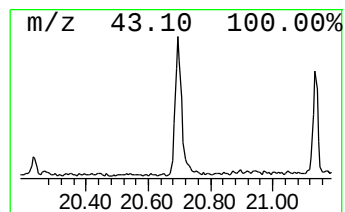
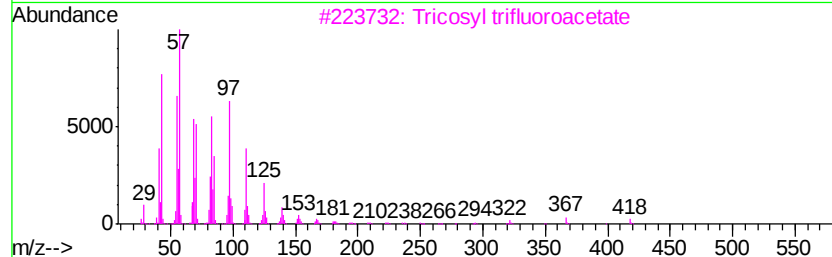
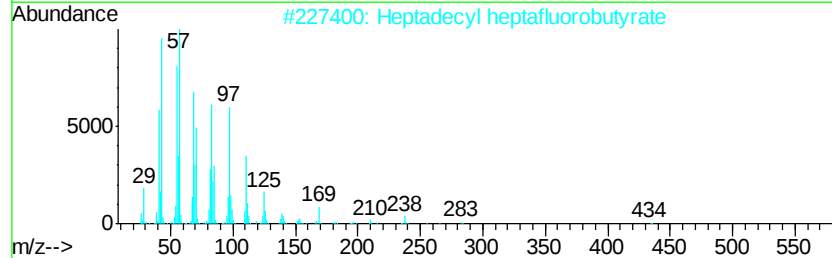
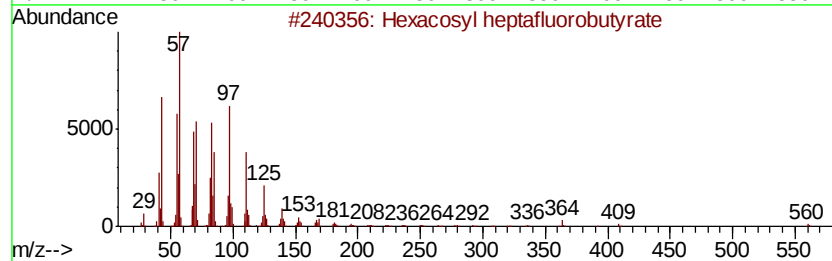
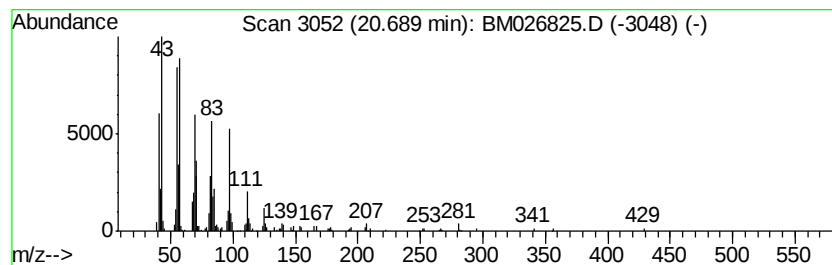
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexacosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.67 ng/ul	211850	Chrysene-d12	20.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



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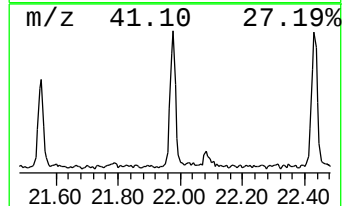
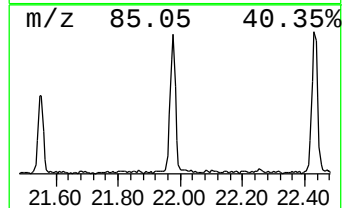
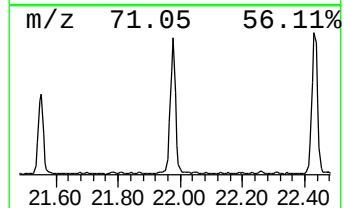
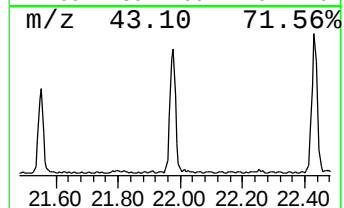
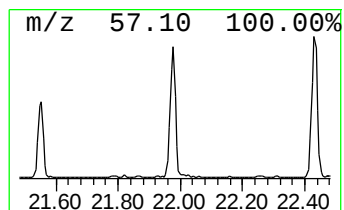
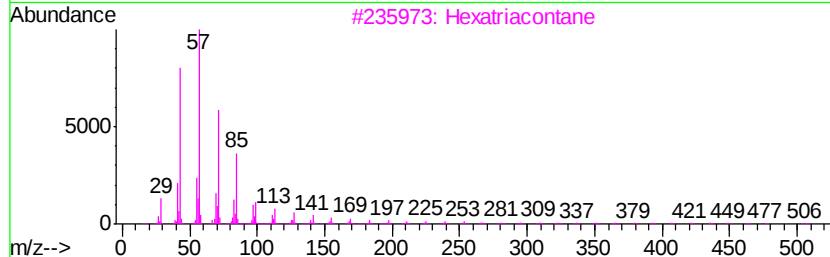
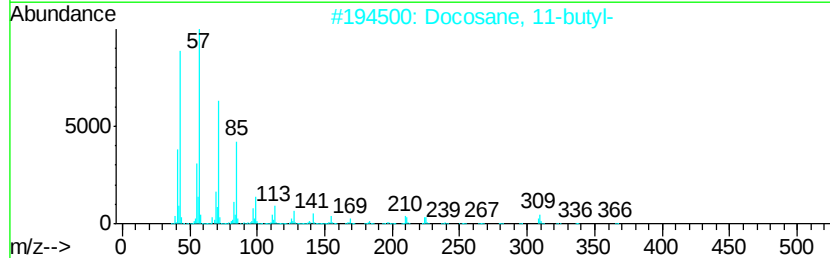
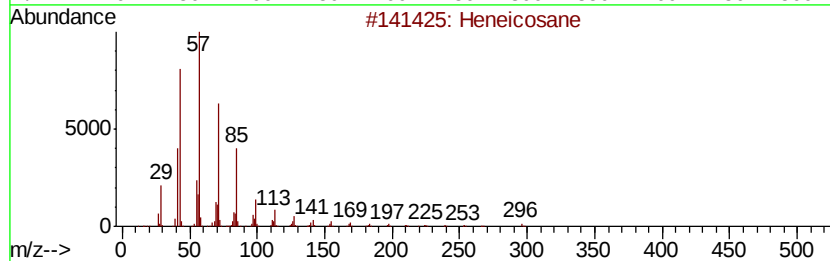
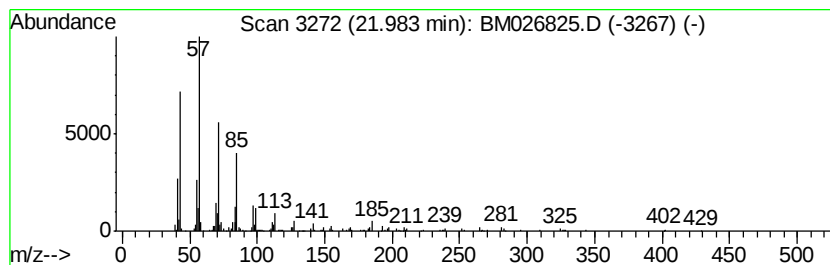
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.15 ng/ul	231238	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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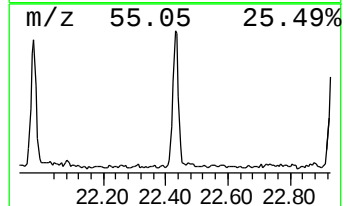
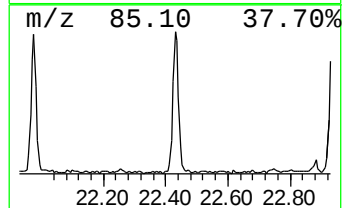
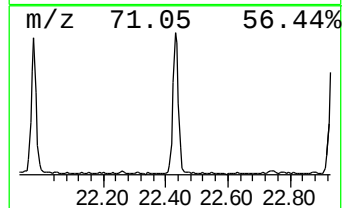
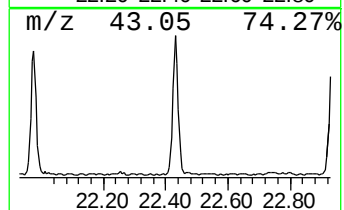
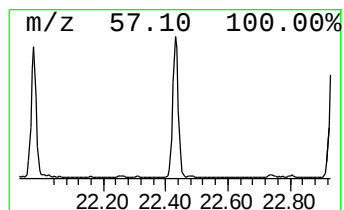
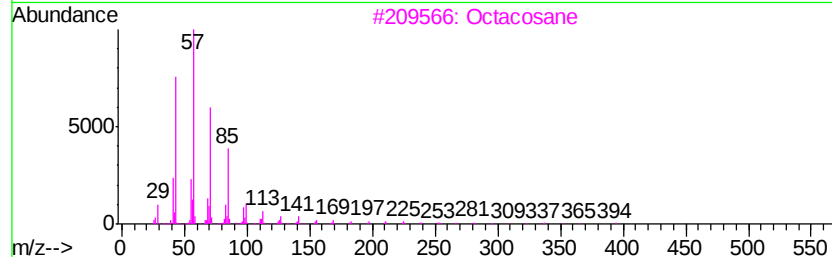
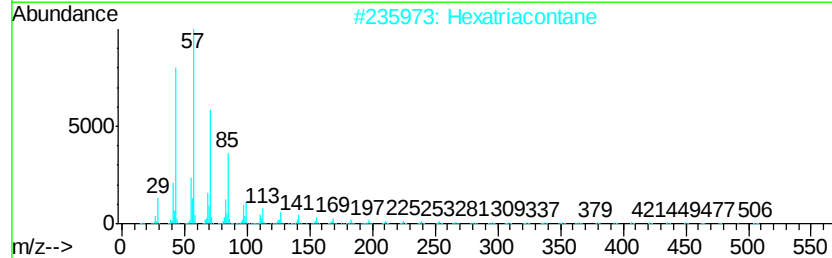
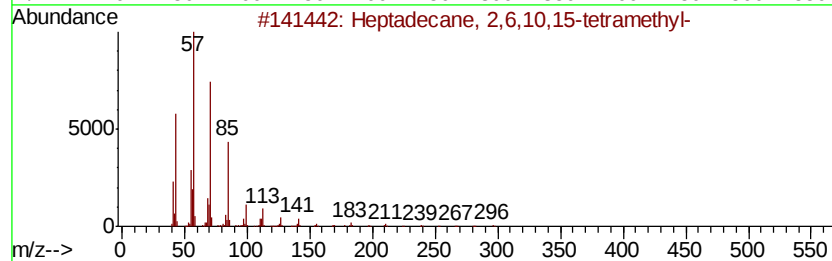
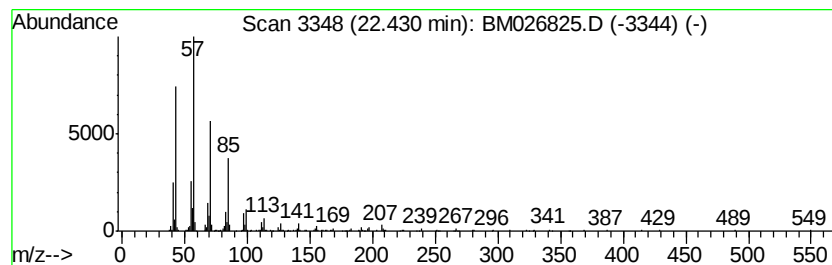
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.76 ng/ul	276167	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Hexatriacontane	507	C36H74	000630-06-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



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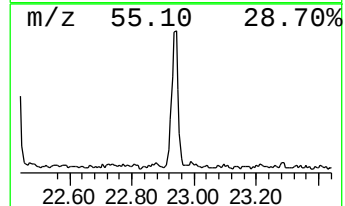
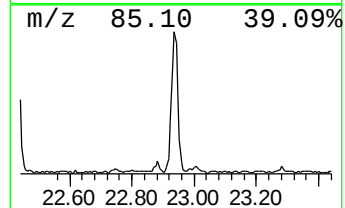
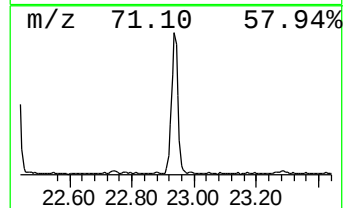
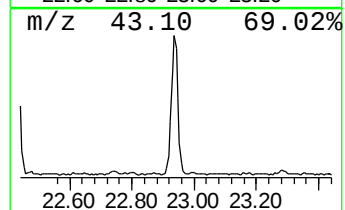
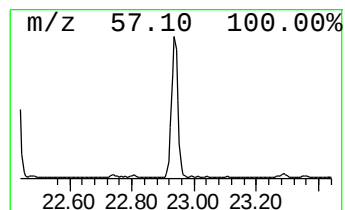
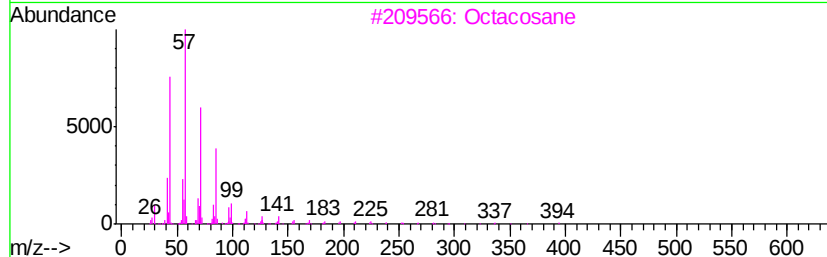
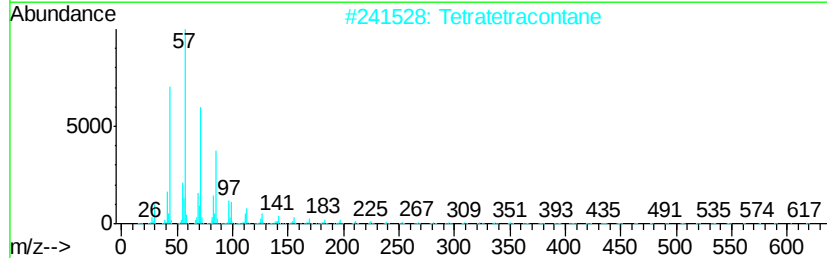
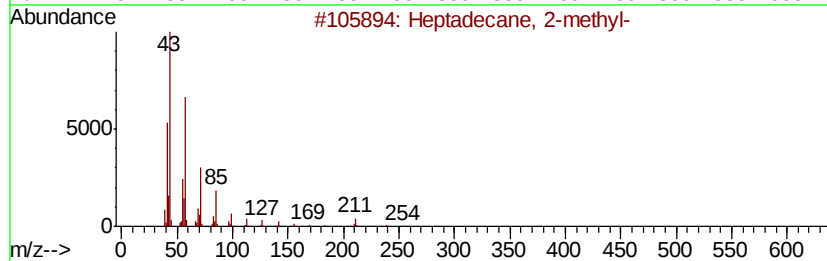
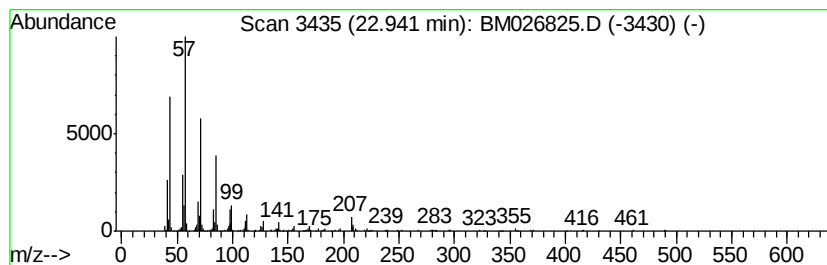
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	4.65 ng/ul	341289	Perylene-d12	23.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026825.D
Acq On : 22 Jul 2020 01:36
Operator : JU/CG
Sample : L3336-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EB(071620)

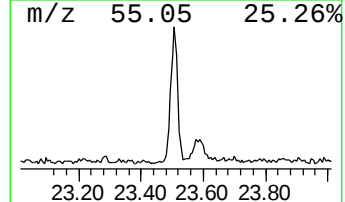
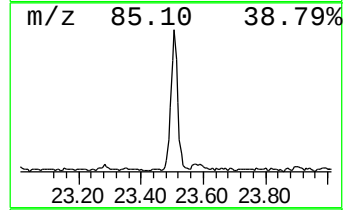
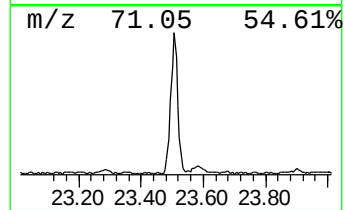
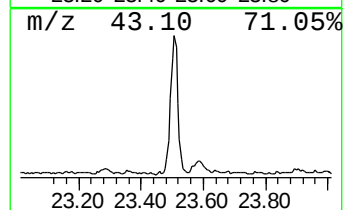
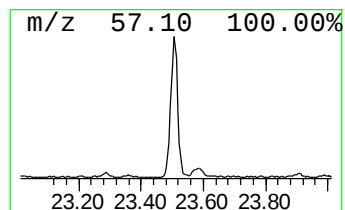
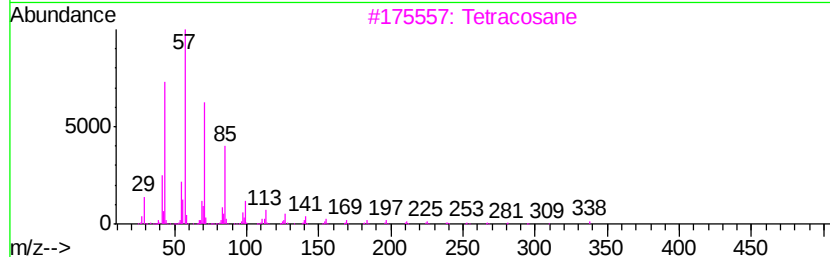
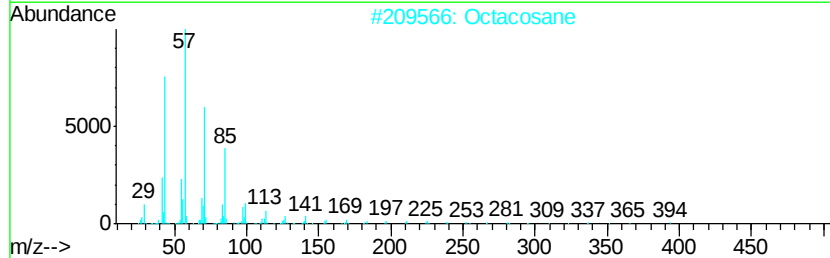
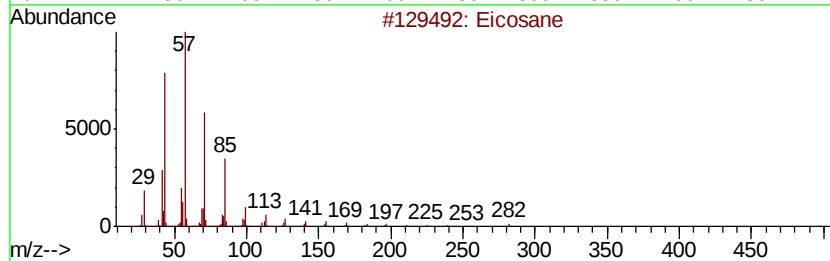
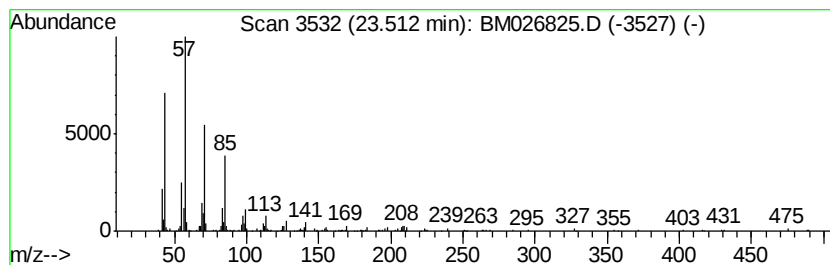
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	3.55 ng/ul	260439	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026825.D
Acq On : 22 Jul 2020 01:36
Operator : JU/CG
Sample : L3336-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EB(071620)

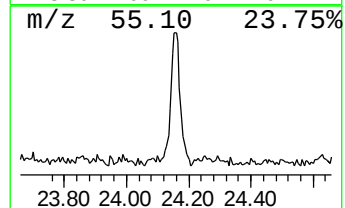
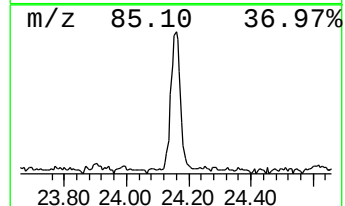
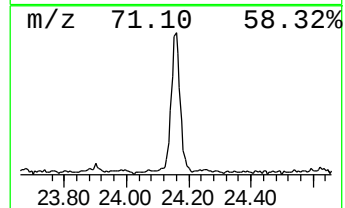
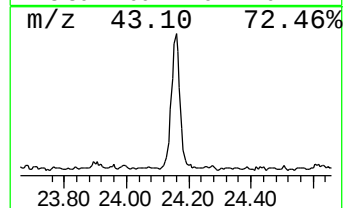
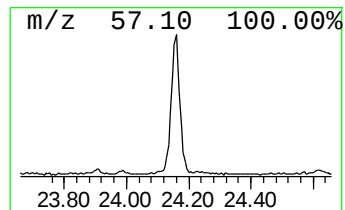
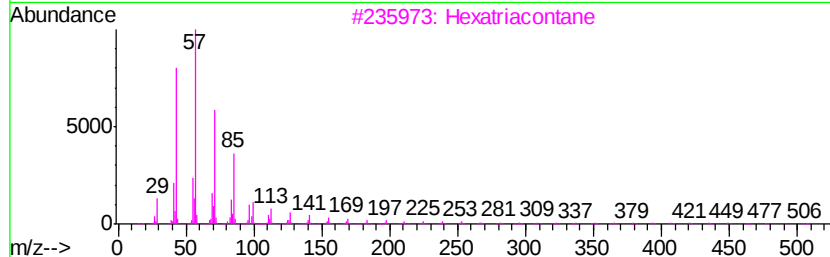
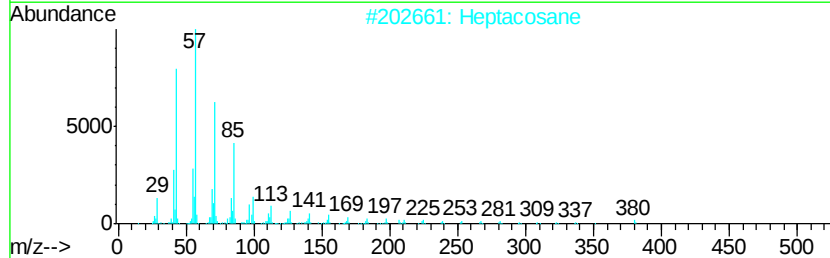
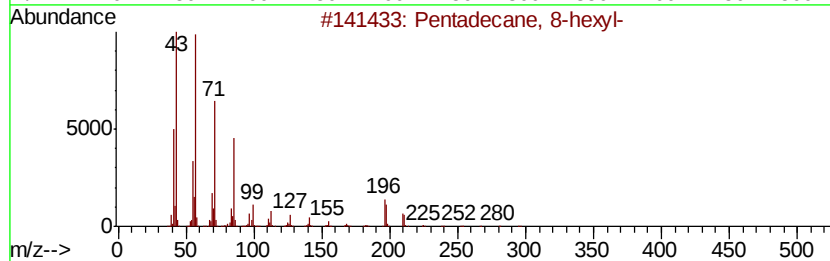
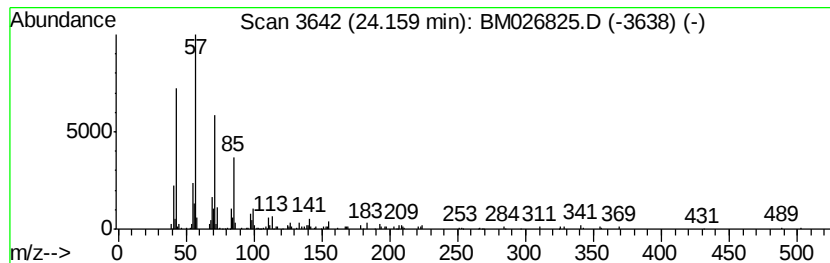
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	2.52 ng/ul	185360	Perylene-d12	23.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2			Heptacosane	380	C27H56	000593-49-7	81
3			Hexatriacontane	507	C36H74	000630-06-8	74
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072120\
Data File : BM026825.D
Acq On : 22 Jul 2020 01:36
Operator : JU/CG
Sample : L3336-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EB(071620)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.67	3.2	ng/ul	211324	4	16.72	1326510	20.0
Hexacosyl heptafl...	20.69	2.7	ng/ul	211850	5	20.94	1586990	20.0
(DEL) Alkane: Str...	21.98	3.1	ng/ul	231238	6	23.01	1468840	20.0
(DEL) Alkane: Str...	22.43	3.8	ng/ul	276167	6	23.01	1468840	20.0
(DEL) Alkane: Str...	22.94	4.7	ng/ul	341289	6	23.01	1468840	20.0
(DEL) Alkane: Str...	23.51	3.5	ng/ul	260439	6	23.01	1468840	20.0
(DEL) Alkane: Str...	24.16	2.5	ng/ul	185360	6	23.01	1468840	20.0