

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026824.D
 Acq On : 22 Jul 2020 00:59
 Operator : JU/CG
 Sample : L3336-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB(071520)

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	41	rVB	32839	51079	1.64%	0.175%
2	3.154	67	71	72	rBV3	6096	6795	0.22%	0.023%
3	3.502	127	130	138	rVB4	7618	13571	0.43%	0.046%
4	3.590	142	145	148	rBV4	7695	8629	0.28%	0.030%
5	6.519	637	643	656	rVB	101065	177575	5.69%	0.608%
6	6.660	661	667	676	rBV	348395	531311	17.02%	1.820%
7	6.842	692	698	710	rBV	389819	612604	19.63%	2.099%
8	6.984	719	722	725	rBV4	2994	4775	0.15%	0.016%
9	7.295	769	775	785	rBV	336627	521953	16.72%	1.788%
10	8.031	894	900	913	rBV	303900	490036	15.70%	1.679%
11	8.136	913	918	922	rVB2	12065	18956	0.61%	0.065%
12	8.448	964	971	980	rBV	498502	799829	25.63%	2.740%
13	9.160	1085	1092	1104	rBV	444369	707021	22.65%	2.422%
14	9.695	1177	1183	1206	rBV	454906	913814	29.28%	3.130%
15	9.919	1218	1221	1225	rVB5	2257	3352	0.11%	0.011%
16	10.048	1236	1243	1257	rVB	468740	771471	24.72%	2.643%
17	10.230	1269	1274	1288	rBV2	27066	65610	2.10%	0.225%
18	10.654	1338	1346	1350	rBV4	2839	5459	0.17%	0.019%
19	10.707	1352	1355	1357	rBV2	2981	3504	0.11%	0.012%
20	11.666	1513	1518	1527	rVB3	6231	12090	0.39%	0.041%
21	12.530	1660	1665	1668	rBV4	3034	4949	0.16%	0.017%
22	12.572	1668	1672	1680	rVB4	3371	6432	0.21%	0.022%
23	12.883	1720	1725	1730	rVB4	8148	13057	0.42%	0.045%
24	12.966	1735	1739	1745	rVB4	2152	3938	0.13%	0.013%
25	13.395	1805	1812	1816	rBV	1173979	1603160	51.36%	5.492%
26	13.442	1816	1820	1827	rVB	234473	329119	10.54%	1.127%
27	13.648	1848	1855	1868	rBV	1259649	1736605	55.64%	5.949%
28	13.960	1902	1908	1919	rBV2	781553	1065627	34.14%	3.651%
29	14.248	1950	1957	1977	rBV3	29514	110047	3.53%	0.377%
30	14.442	1988	1990	1994	rBV3	4173	4507	0.14%	0.015%
31	14.754	2037	2043	2047	rBV	10023	14024	0.45%	0.048%
32	14.807	2049	2052	2054	rVV2	3185	4503	0.14%	0.015%
33	14.830	2054	2056	2059	rVV2	3848	4181	0.13%	0.014%
34	14.865	2059	2062	2067	rVB4	4196	4618	0.15%	0.016%

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35	14.971	2073	2080	2092	rBV	1639698	2219946	71.12%	7.605%
36	15.124	2100	2106	2118	rBV	567319	841651	26.97%	2.883%
37	15.213	2118	2121	2127	rVB4	18046	27054	0.87%	0.093%
38	15.736	2206	2210	2211	rBV4	2651	3162	0.10%	0.011%
39	15.760	2211	2214	2218	rVB3	6446	7978	0.26%	0.027%
40	16.183	2285	2286	2292	rBV3	1834	3616	0.12%	0.012%
41	16.524	2340	2344	2347	rVV4	6164	9284	0.30%	0.032%
42	16.724	2371	2378	2384	rBV	967067	1292166	41.40%	4.427%
43	16.824	2388	2395	2408	rVV	1863029	2577730	82.59%	8.831%
44	17.265	2466	2470	2472	rBV4	3154	3235	0.10%	0.011%
45	17.665	2533	2538	2547	rBV	203431	302002	9.68%	1.035%
46	17.959	2585	2588	2591	rVB5	4085	4985	0.16%	0.017%
47	18.771	2721	2726	2730	rBV	19957	26137	0.84%	0.090%
48	18.812	2730	2733	2735	rBV2	5601	5851	0.19%	0.020%
49	18.959	2754	2758	2764	rBV	72381	104736	3.36%	0.359%
50	19.018	2765	2768	2773	rVB	20375	30032	0.96%	0.103%
51	19.136	2781	2788	2795	rBV	2315120	3121241	100.00%	10.693%
52	19.230	2801	2804	2808	rVB4	9897	12856	0.41%	0.044%
53	19.700	2880	2884	2887	rBV6	12328	19242	0.62%	0.066%
54	19.730	2887	2889	2892	rVB2	7549	8268	0.26%	0.028%
55	20.230	2969	2974	2978	rBV3	21557	32017	1.03%	0.110%
56	20.695	3048	3053	3066	rBV	392737	592779	18.99%	2.031%
57	20.942	3090	3095	3104	rBV	1213427	1541507	49.39%	5.281%
58	21.136	3125	3128	3132	rBV	95725	109459	3.51%	0.375%
59	21.553	3195	3199	3206	rBV	182649	233149	7.47%	0.799%
60	21.977	3267	3271	3275	rBV	281796	312066	10.00%	1.069%
61	22.430	3344	3348	3353	rBV	300210	387790	12.42%	1.328%
62	22.877	3418	3424	3430	rBV	1395013	2273905	72.85%	7.790%
63	22.936	3430	3434	3440	rVV	305182	451827	14.48%	1.548%
64	23.006	3440	3446	3456	rVB2	837215	1404759	45.01%	4.812%
65	23.506	3526	3531	3538	rVB	225440	356316	11.42%	1.221%
66	24.159	3637	3642	3648	rVB	137056	249939	8.01%	0.856%

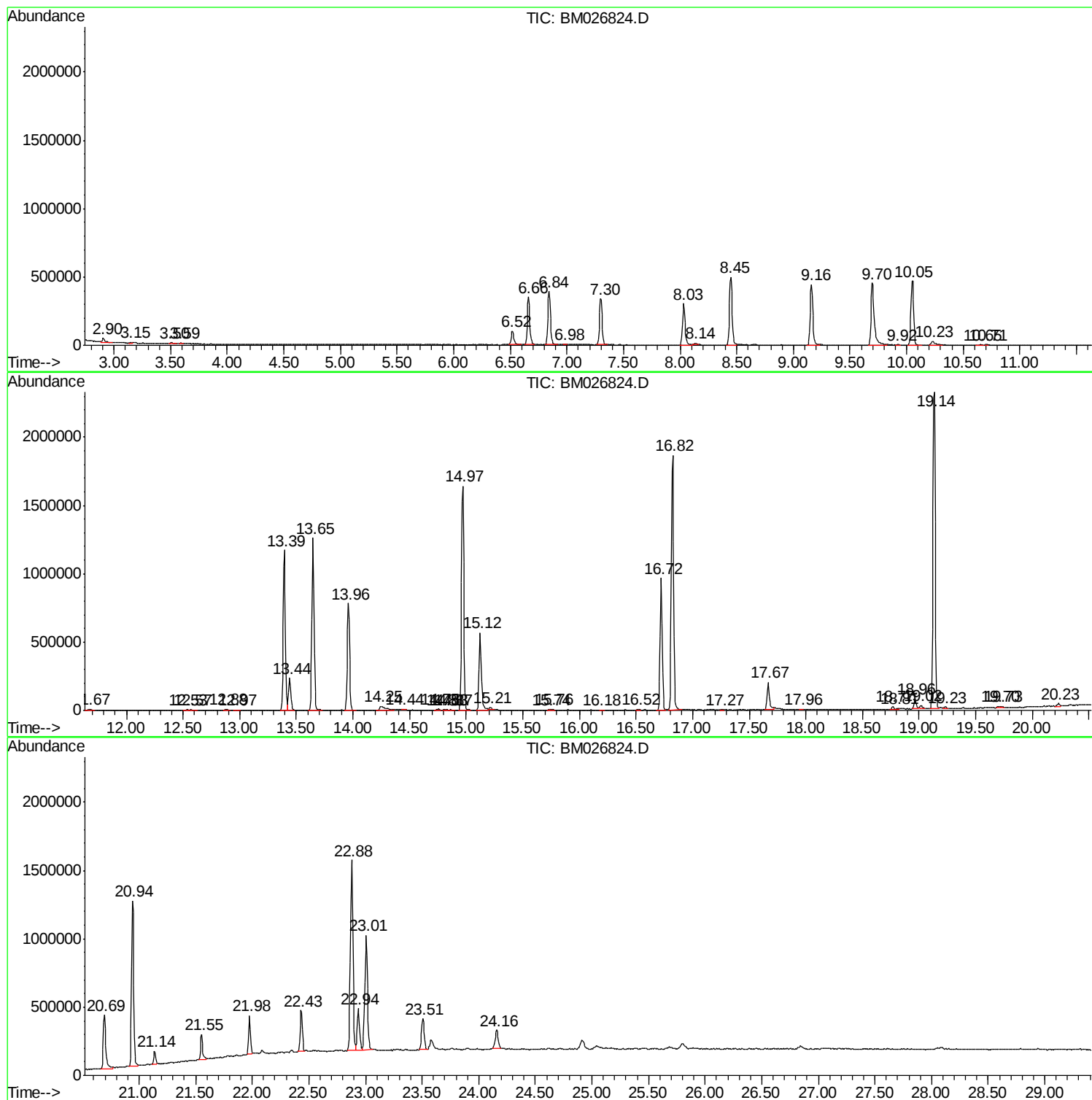
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Quant Title : SVOA CALIBRATION

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



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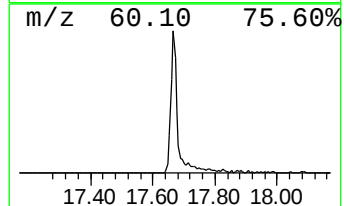
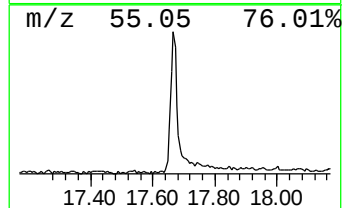
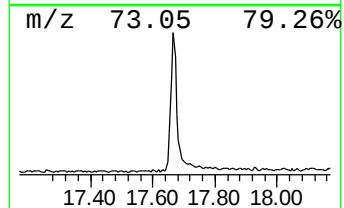
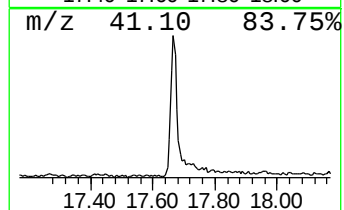
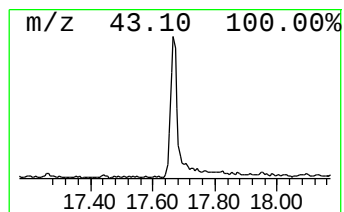
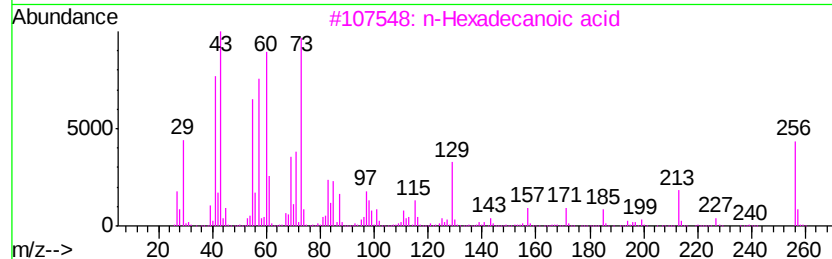
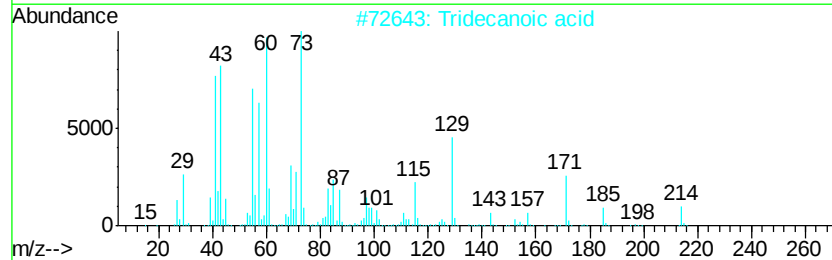
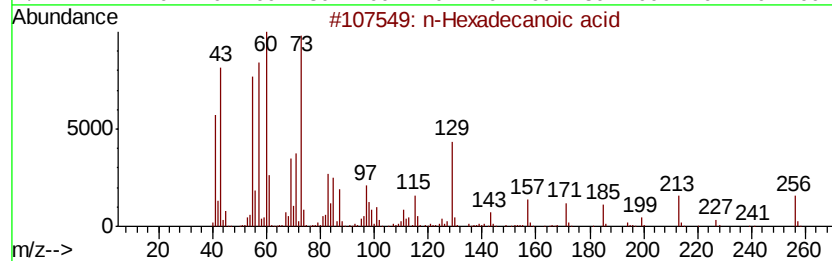
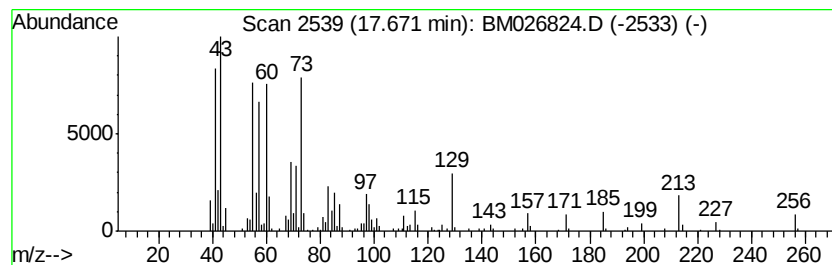
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.67 ng/ul	302002	Phenanthrene-d10	16.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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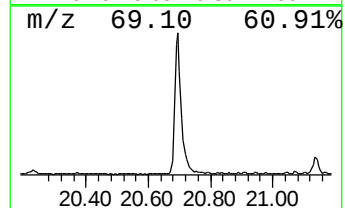
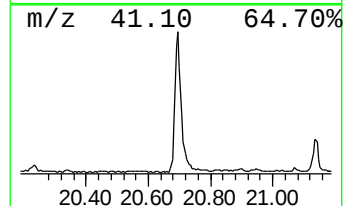
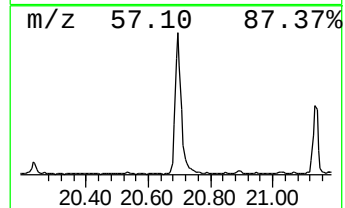
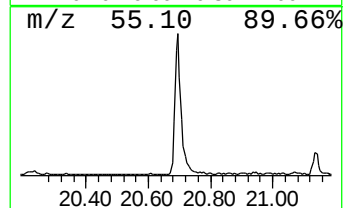
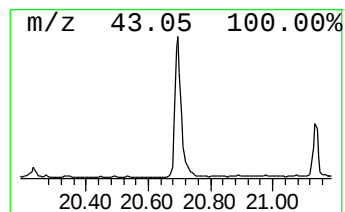
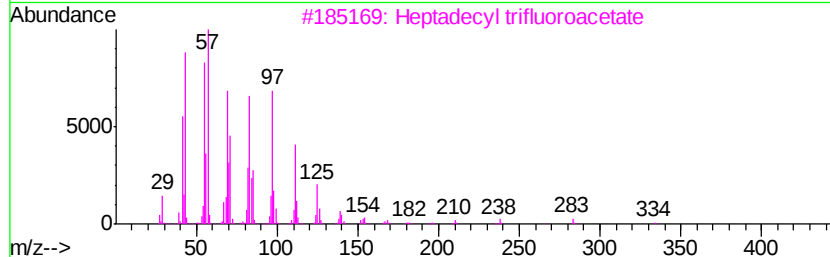
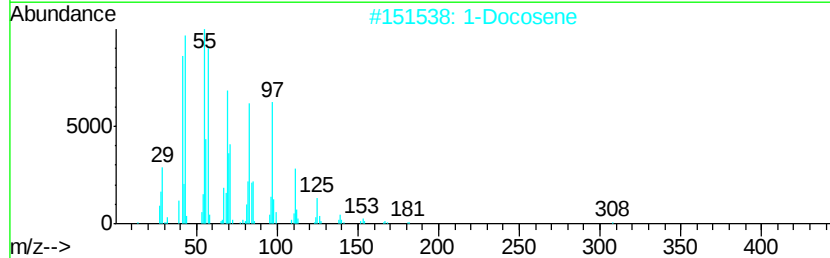
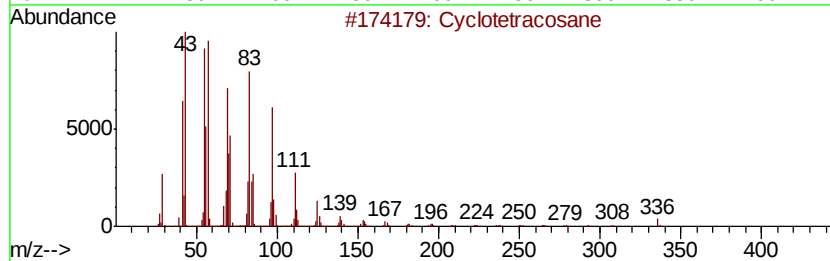
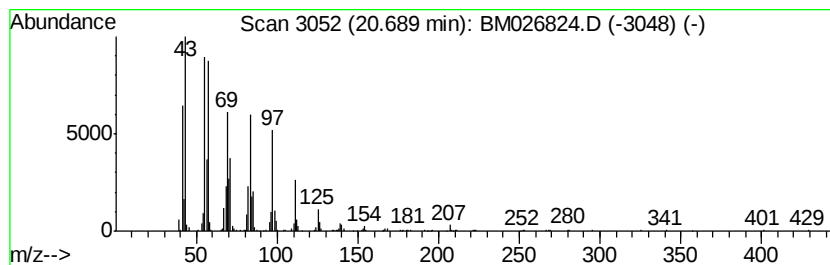
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.69 ng/ul	592779	Chrysene-d12	20.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetracosane	336 C24H48	000297-03-0 95
2		1-Docosene	308 C22H44	001599-67-3 95
3		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 94
4		Heptafluorobutyric acid, hexadec...	438 C20H33F7O2	006385-15-5 94
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 94



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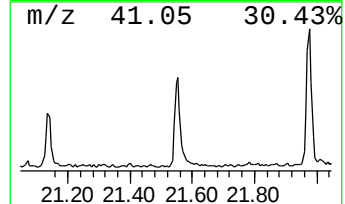
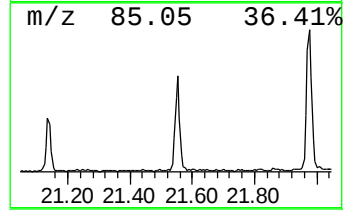
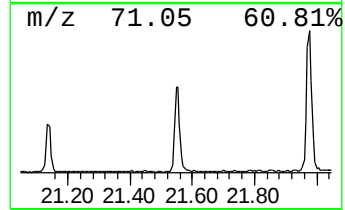
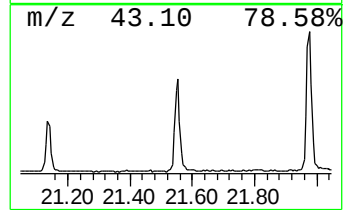
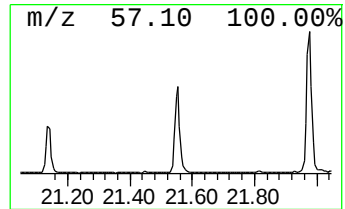
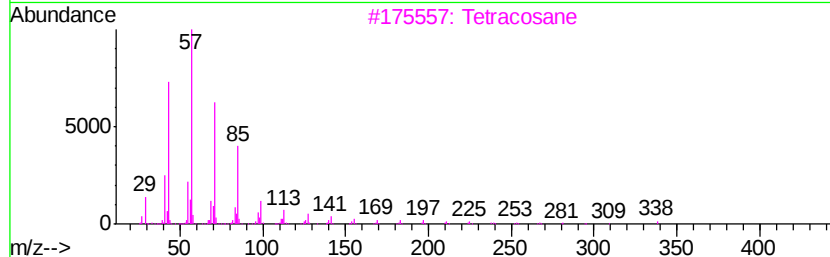
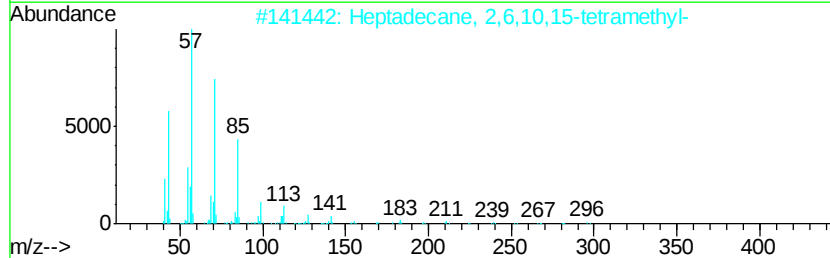
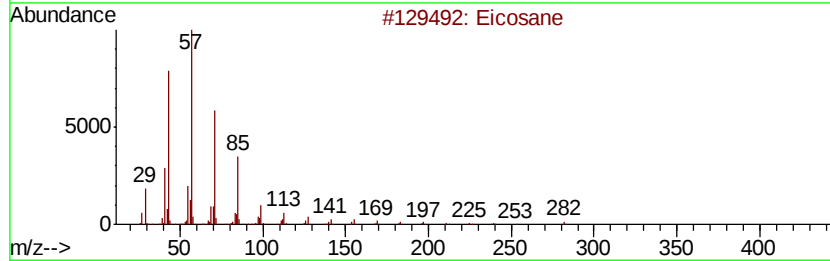
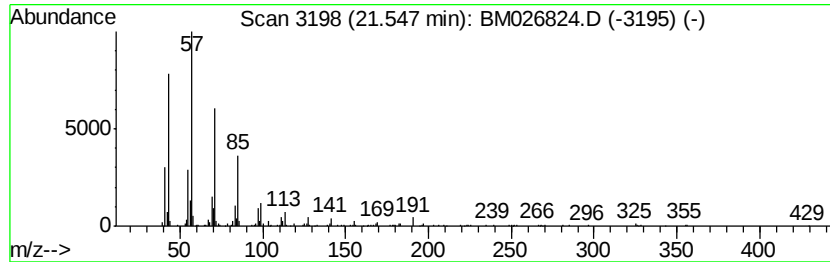
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	3.02 ng/ul	233149	Chrysene-d12	20.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91



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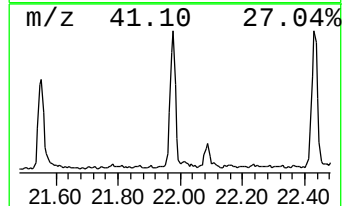
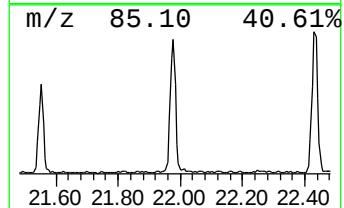
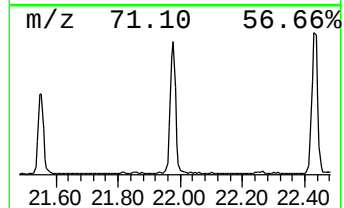
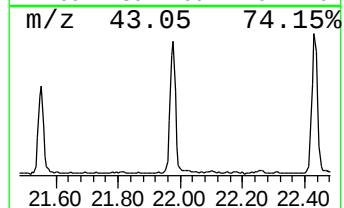
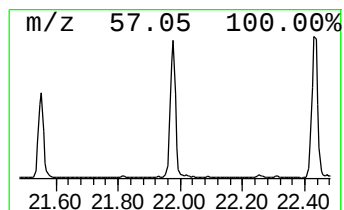
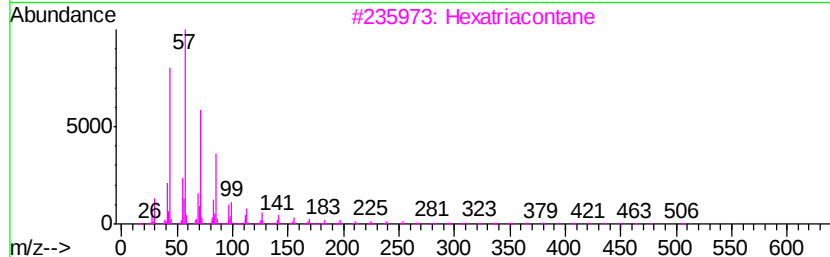
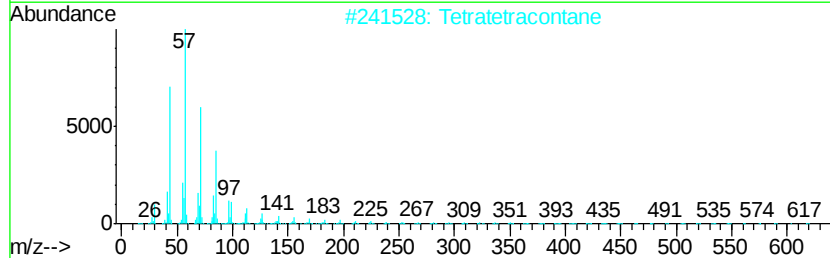
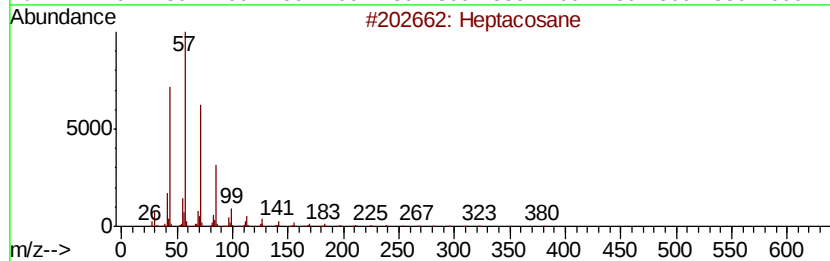
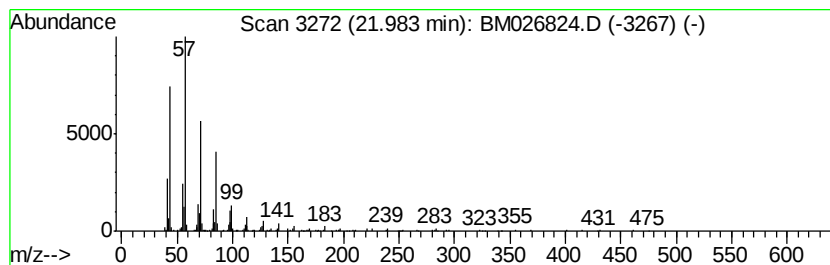
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	4.44 ng/ul	312066	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Tetracosane	338	C24H50	000646-31-1	90



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FB(071520)

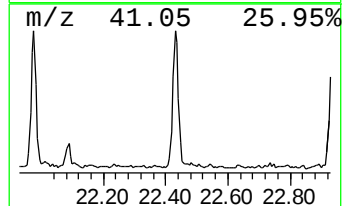
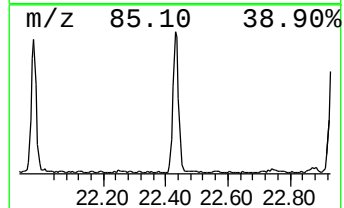
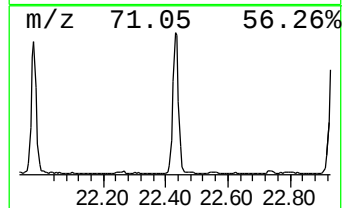
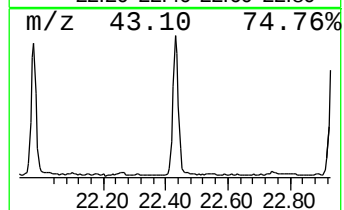
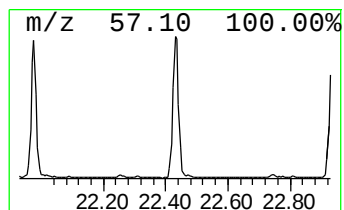
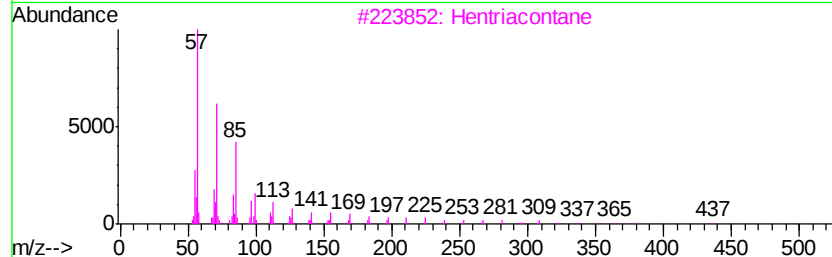
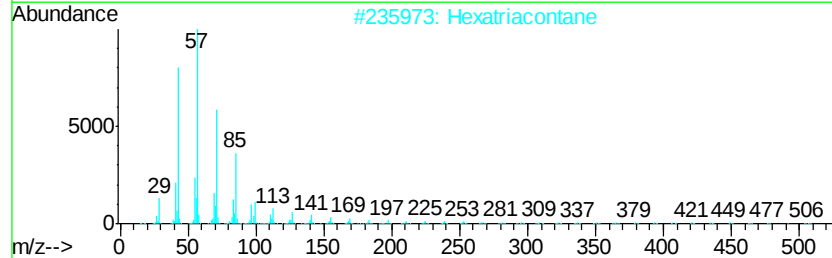
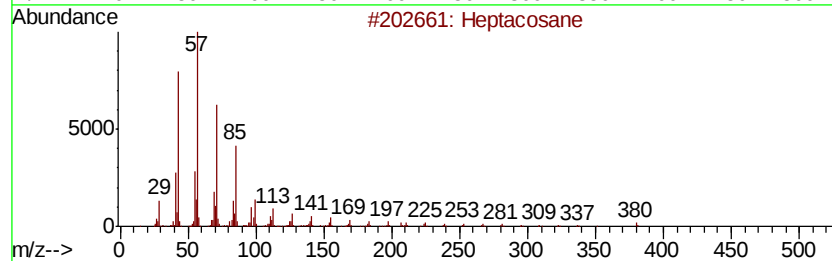
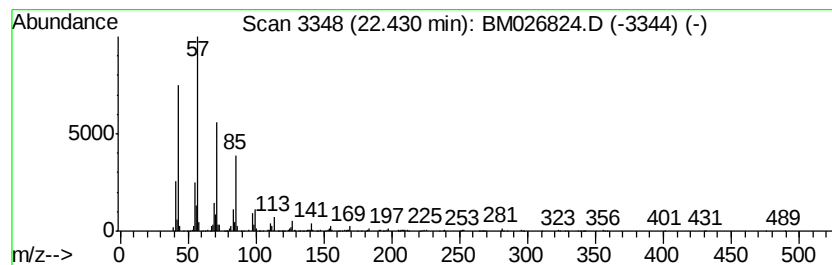
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	5.52 ng/ul	387790	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026824.D
Acq On : 22 Jul 2020 00:59
Operator : JU/CG
Sample : L3336-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB(071520)

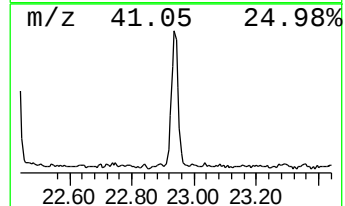
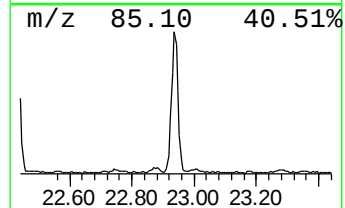
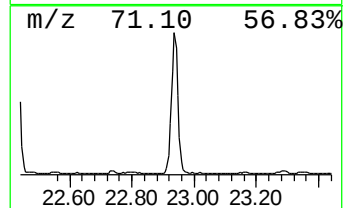
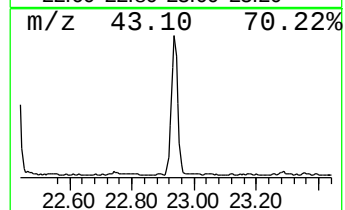
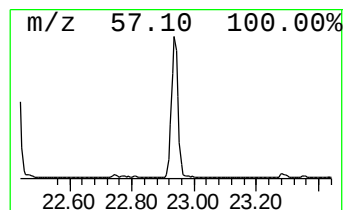
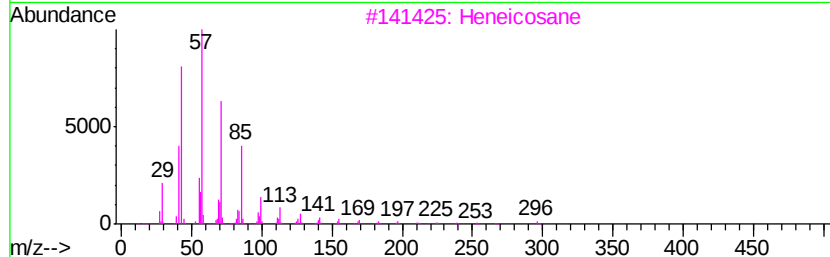
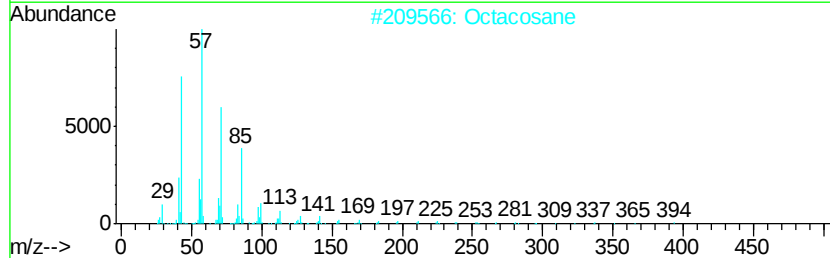
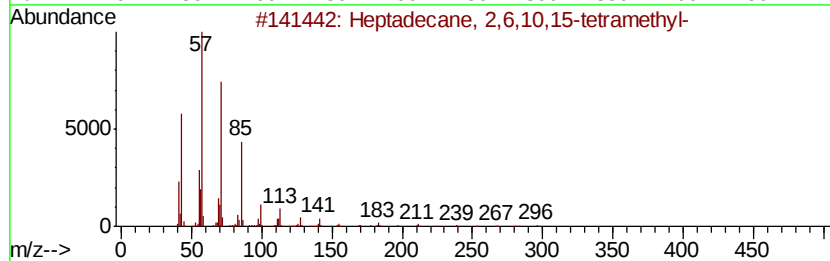
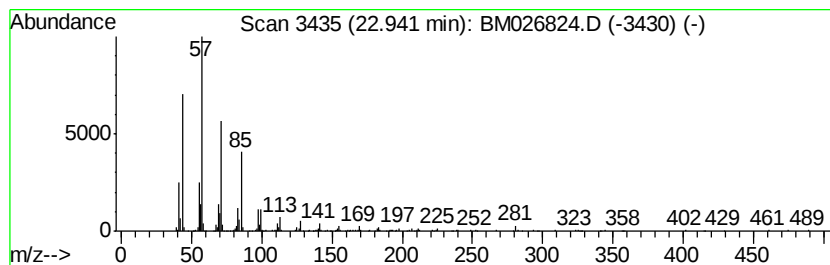
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	6.43 ng/ul	451827	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		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026824.D
Acq On : 22 Jul 2020 00:59
Operator : JU/CG
Sample : L3336-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB(071520)

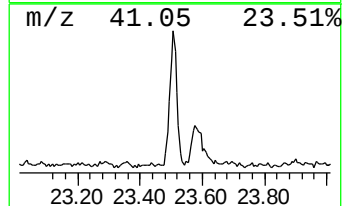
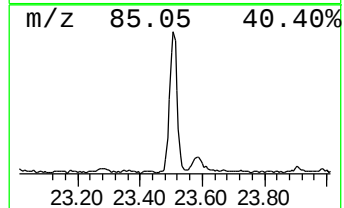
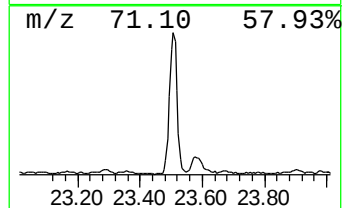
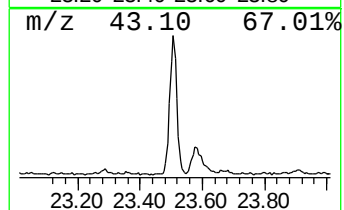
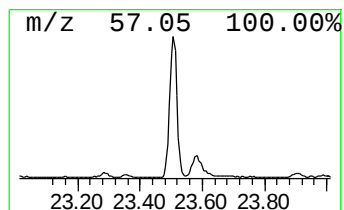
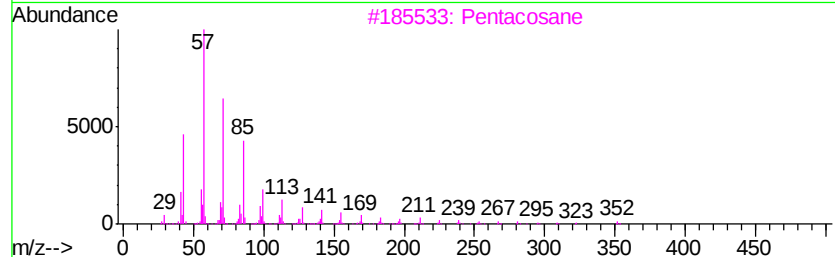
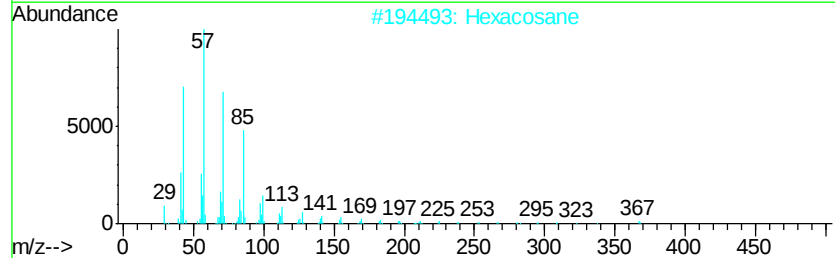
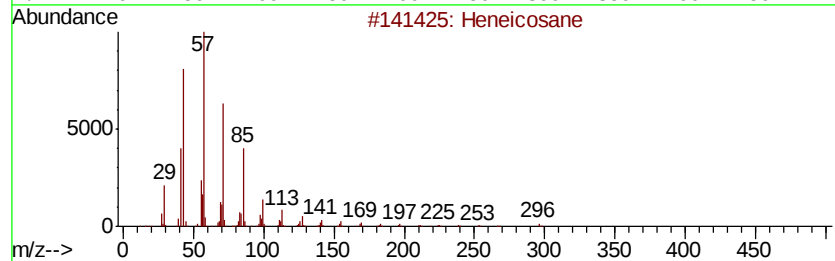
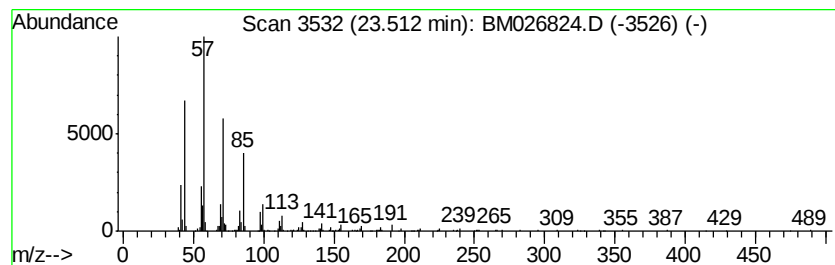
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	5.07 ng/ul	356316	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
 Data File : BM026824.D
 Acq On : 22 Jul 2020 00:59
 Operator : JU/CG
 Sample : L3336-19
 Misc :
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Instrument :
 BNA_M
 ClientSampleId :
 FB(071520)

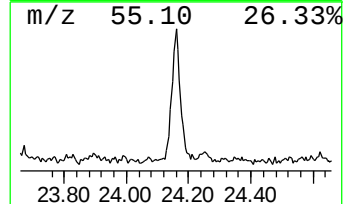
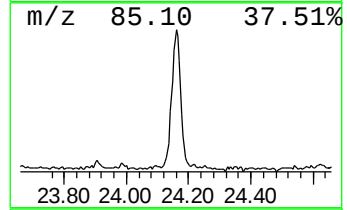
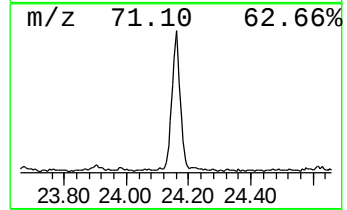
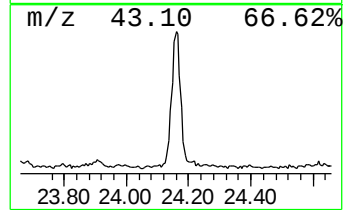
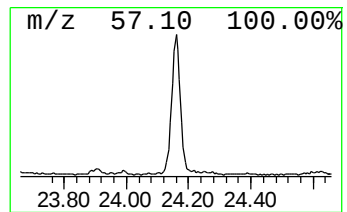
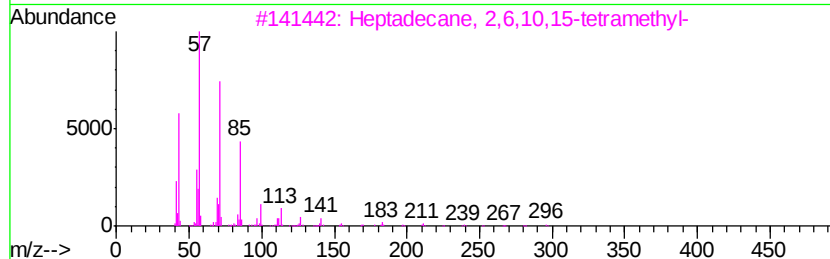
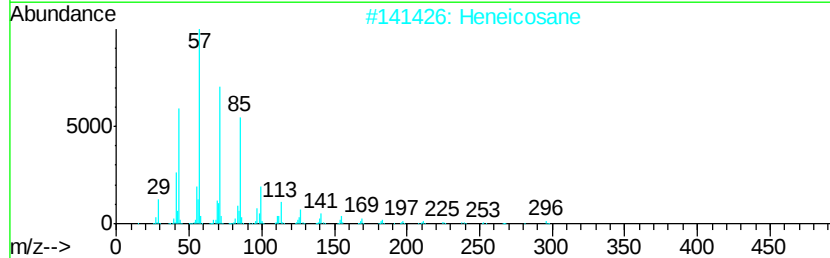
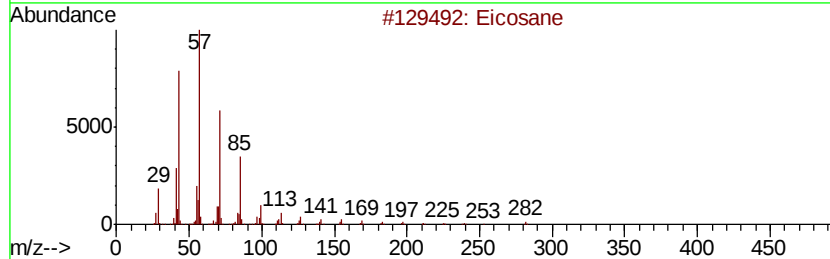
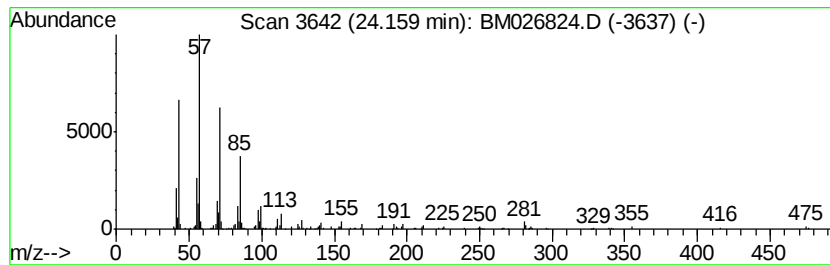
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.56 ng/ul	249939	Perylene-d12	23.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072120\
Data File : BM026824.D
Acq On : 22 Jul 2020 00:59
Operator : JU/CG
Sample : L3336-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB(071520)

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	4.7	ng/ul	302002	4	16.72	1292170	20.0
(DEL) Alkane: Cyc...	20.69	7.7	ng/ul	592779	5	20.94	1541510	20.0
(DEL) Alkane: Str...	21.55	3.0	ng/ul	233149	5	20.94	1541510	20.0
(DEL) Alkane: Str...	21.98	4.4	ng/ul	312066	6	23.01	1404760	20.0
(DEL) Alkane: Str...	22.43	5.5	ng/ul	387790	6	23.01	1404760	20.0
(DEL) Alkane: Str...	22.94	6.4	ng/ul	451827	6	23.01	1404760	20.0
(DEL) Alkane: Str...	23.51	5.1	ng/ul	356316	6	23.01	1404760	20.0
(DEL) Alkane: Str...	24.16	3.6	ng/ul	249939	6	23.01	1404760	20.0