

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024502.D
 Acq On : 17 Jan 2020 19:11
 Operator : JU
 Sample : L1139-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D49

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-BM011520MA.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	3.063	26	30	35	rBV	31286	37163	0.55%	0.058%
2	3.681	131	135	140	rVB4	10077	14930	0.22%	0.023%
3	3.757	146	148	154	rVB4	6183	8482	0.13%	0.013%
4	6.651	634	640	651	rVB2	125520	263627	3.93%	0.412%
5	6.810	660	667	678	rBV	488195	769138	11.45%	1.203%
6	6.998	693	699	708	rBV	606706	921991	13.73%	1.442%
7	7.457	770	777	788	rBV	661163	1034553	15.41%	1.618%
8	8.169	892	898	909	rBV	431589	689514	10.27%	1.078%
9	8.592	964	970	987	rBV	753867	1264478	18.83%	1.978%
10	9.057	1043	1049	1053	rBV4	11826	20467	0.30%	0.032%
11	9.104	1053	1057	1064	rVB	38812	56375	0.84%	0.088%
12	9.310	1086	1092	1102	rBV	677405	1068238	15.91%	1.671%
13	9.845	1175	1183	1193	rBV	997581	1611444	24.00%	2.520%
14	10.216	1239	1246	1259	rBV	947915	1588592	23.66%	2.485%
15	10.357	1264	1270	1276	rBV2	36744	61739	0.92%	0.097%
16	11.592	1476	1480	1486	rVB	28184	38074	0.57%	0.060%
17	11.822	1513	1519	1524	rBV2	14857	25775	0.38%	0.040%
18	12.910	1699	1704	1710	rVB3	33020	47434	0.71%	0.074%
19	13.104	1733	1737	1743	rVB2	14604	21652	0.32%	0.034%
20	13.527	1803	1809	1814	rBV	2356414	3186793	47.45%	4.984%
21	13.574	1814	1817	1822	rVV	221134	276185	4.11%	0.432%
22	13.621	1822	1825	1829	rVB3	6665	8394	0.12%	0.013%
23	13.792	1847	1854	1865	rBV	2474460	3502093	52.15%	5.477%
24	14.104	1901	1907	1917	rVB	1692096	2476050	36.87%	3.873%
25	14.315	1937	1943	1952	rBV2	124755	212448	3.16%	0.332%
26	14.374	1952	1953	1960	rVB2	6445	7959	0.12%	0.012%
27	14.568	1982	1986	1990	rBV3	5295	7494	0.11%	0.012%
28	15.015	2056	2062	2067	rVB4	5602	7113	0.11%	0.011%
29	15.110	2071	2078	2086	rBV	3121566	4562013	67.93%	7.135%
30	15.227	2092	2098	2108	rBV	990142	1356286	20.20%	2.121%
31	15.351	2113	2119	2122	rVB2	33660	45233	0.67%	0.071%
32	15.892	2206	2211	2217	rBV6	14083	24046	0.36%	0.038%
33	16.039	2233	2236	2243	rVB3	4257	7627	0.11%	0.012%
34	16.539	2318	2321	2325	rBV4	5400	7348	0.11%	0.011%

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35	16.645	2334	2339	2341	rBV4	7450	10357	0.15%	0.016%
36	16.674	2341	2344	2347	rVB3	7347	9200	0.14%	0.014%
37	16.857	2368	2375	2385	rBV	2292360	3186035	47.44%	4.983%
38	16.956	2385	2392	2406	rVV	3662791	5253362	78.23%	8.216%
39	17.068	2406	2411	2417	rVB7	7170	13759	0.20%	0.022%
40	17.798	2529	2535	2542	rBV	227129	330531	4.92%	0.517%
41	17.856	2542	2545	2549	rVB	11936	18874	0.28%	0.030%
42	18.233	2602	2609	2614	rBV2	154346	205792	3.06%	0.322%
43	18.568	2662	2666	2670	rBV6	4946	8451	0.13%	0.013%
44	18.745	2693	2696	2700	rVB5	6732	9518	0.14%	0.015%
45	18.892	2716	2721	2724	rBV	39273	52880	0.79%	0.083%
46	18.939	2724	2729	2731	rBV3	13169	17295	0.26%	0.027%
47	19.092	2750	2755	2760	rBV	106505	150524	2.24%	0.235%
48	19.139	2760	2763	2771	rVB	37973	58232	0.87%	0.091%
49	19.256	2777	2783	2792	rBV	4971266	6542473	97.42%	10.232%
50	19.333	2794	2796	2801	rVB6	10049	13390	0.20%	0.021%
51	19.509	2823	2826	2829	rBV4	11762	13512	0.20%	0.021%
52	19.833	2877	2881	2883	rVV5	9240	12548	0.19%	0.020%
53	19.868	2884	2887	2890	rVV4	15667	21228	0.32%	0.033%
54	20.368	2969	2972	2977	rVB2	45296	49297	0.73%	0.077%
55	20.821	3045	3049	3055	rBV2	282295	520561	7.75%	0.814%
56	21.062	3085	3090	3099	rBV	3230450	3937727	58.64%	6.159%
57	21.274	3122	3126	3132	rBV	413891	461262	6.87%	0.721%
58	21.691	3193	3197	3204	rBV	783707	891458	13.27%	1.394%
59	22.133	3268	3272	3282	rVB	1027050	1281384	19.08%	2.004%
60	22.615	3349	3354	3363	rVB	1097568	1467644	21.85%	2.295%
61	23.044	3421	3427	3437	rVB	3840521	6715530	100.00%	10.503%
62	23.150	3439	3445	3446	rVV	979253	1493415	22.24%	2.336%
63	23.180	3446	3450	3460	rVB	2367315	3987466	59.38%	6.236%
64	23.750	3541	3547	3553	rBV	654860	1193051	17.77%	1.866%
65	24.444	3660	3665	3674	rVB	400041	780892	11.63%	1.221%

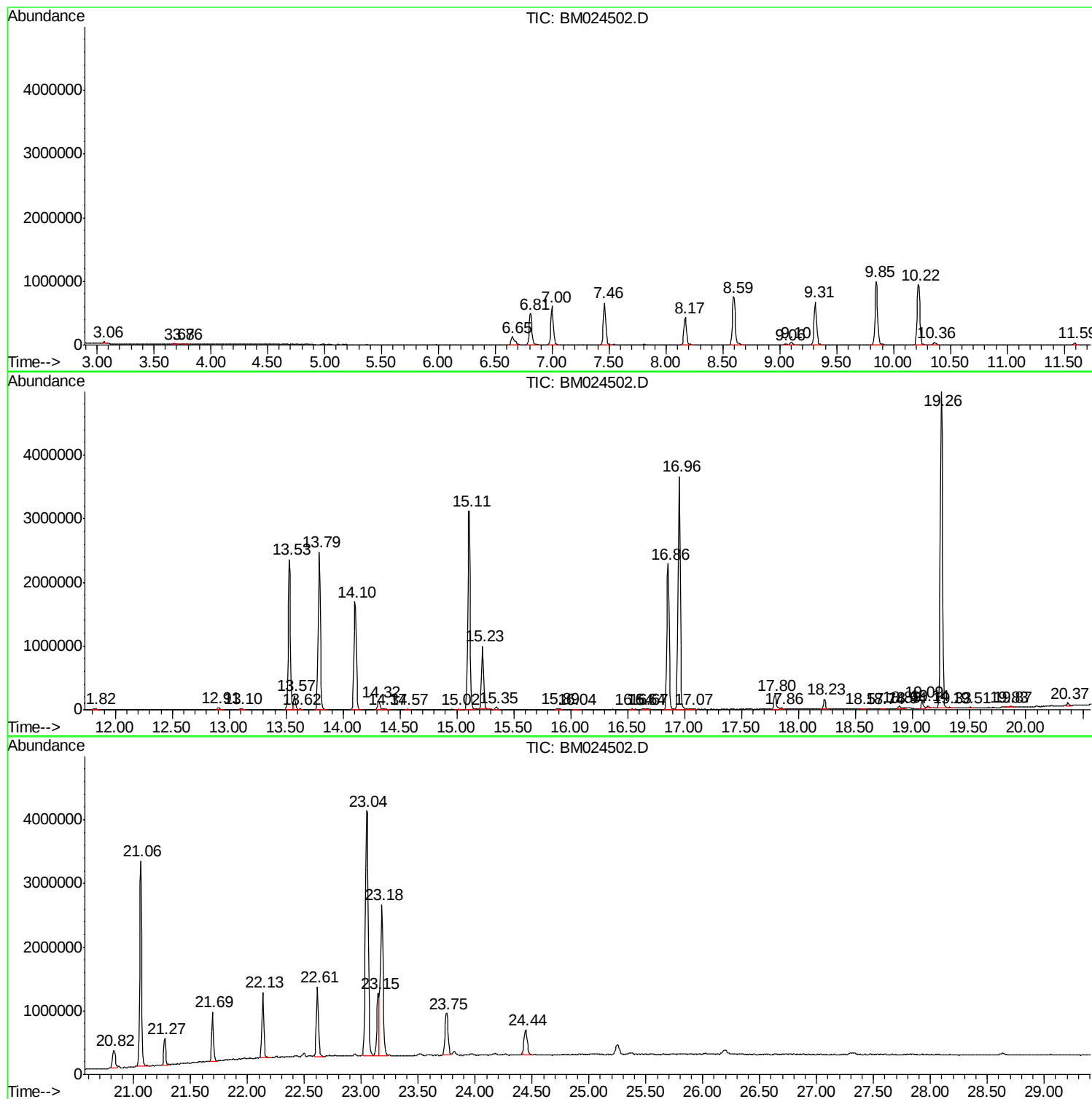
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Quant Title : SVOA CALIBRATION

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



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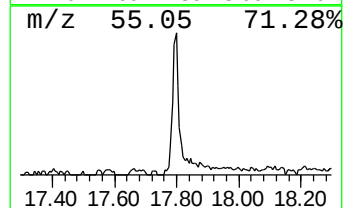
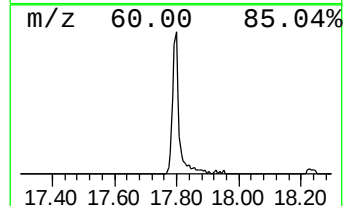
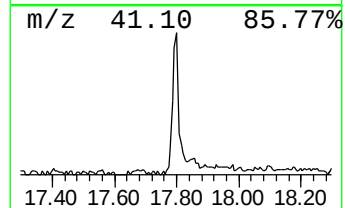
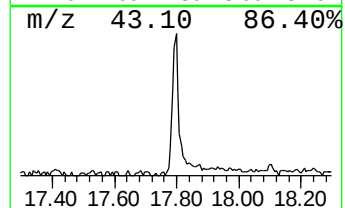
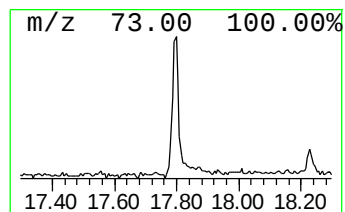
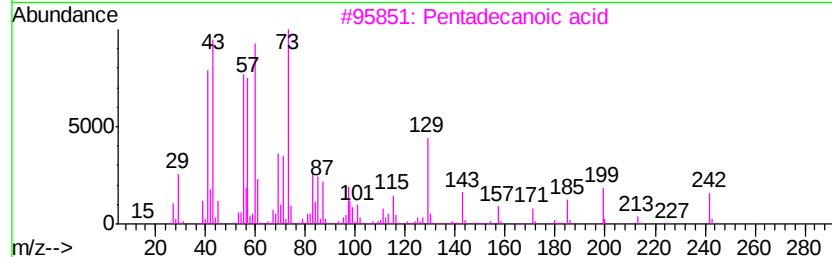
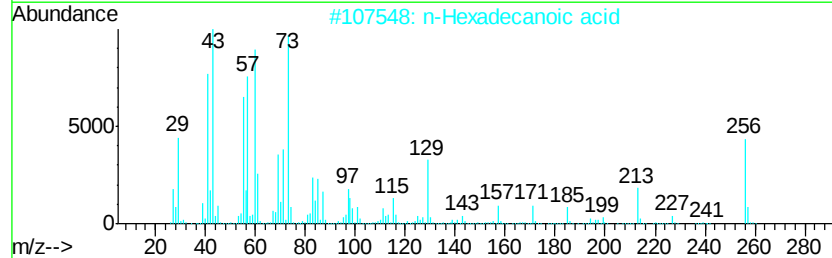
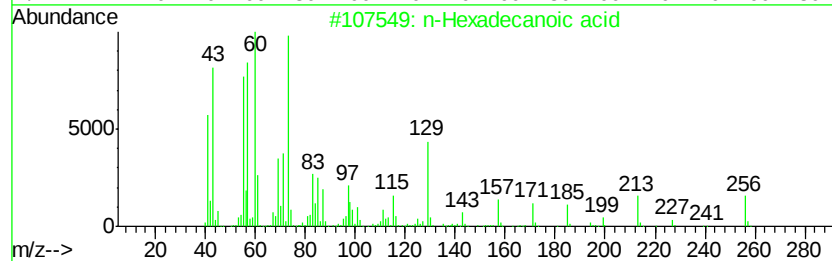
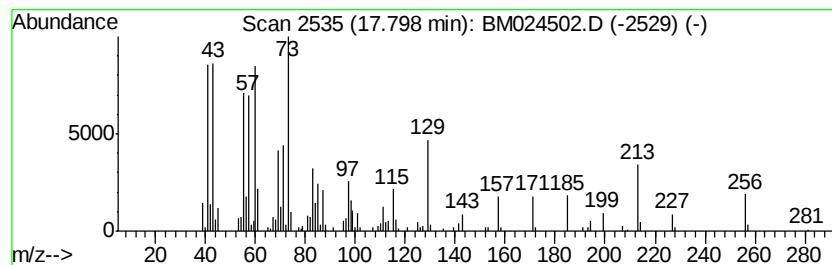
Instrument :
BNA_M
ClientSampleId :
C0D49

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.80	2.07 ng/ul	330531	Phenanthrene-d10	16.86		
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	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



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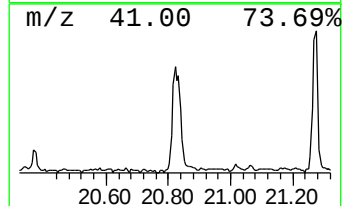
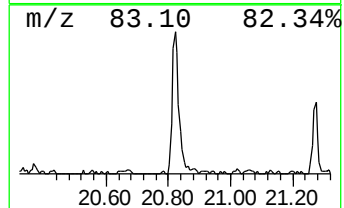
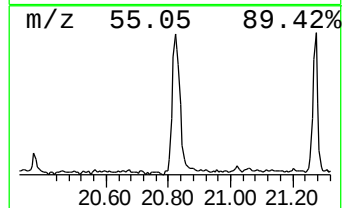
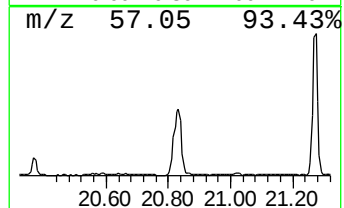
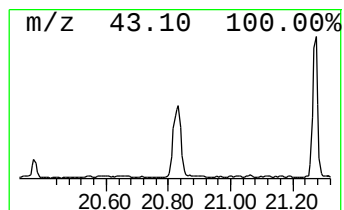
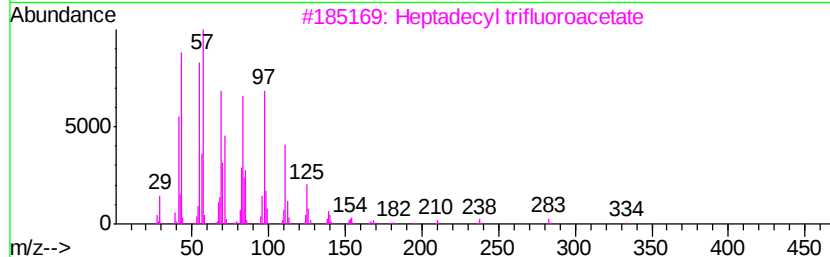
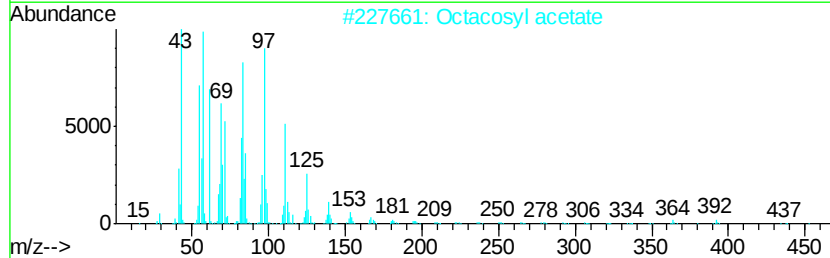
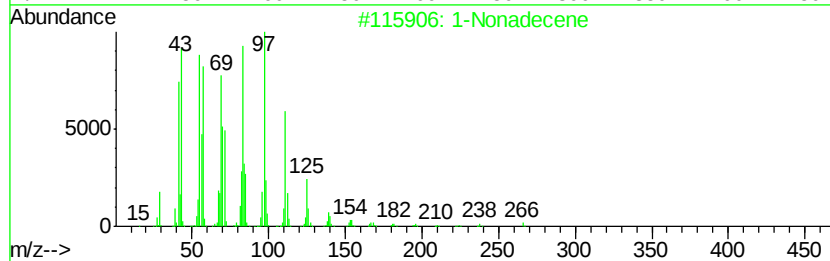
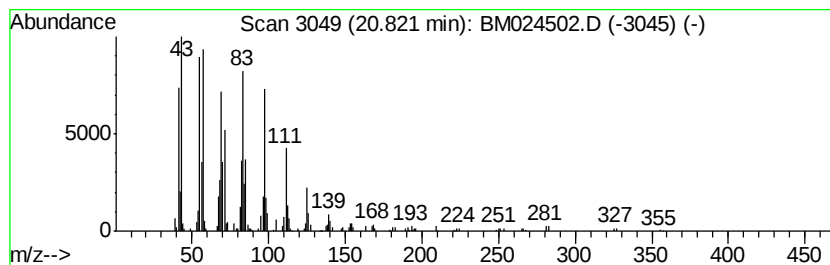
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.64 ng/ul	520561	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		Octacosyl acetate	452	C30H60O2	018206-97-8	95
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
4		1-Heptacosanol	396	C27H56O	002004-39-9	95
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94



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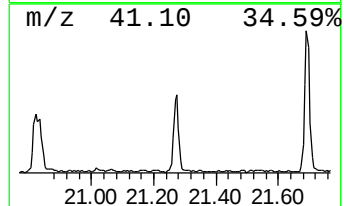
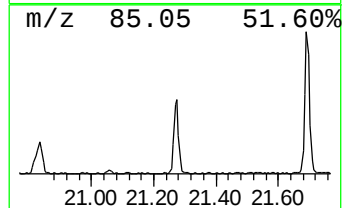
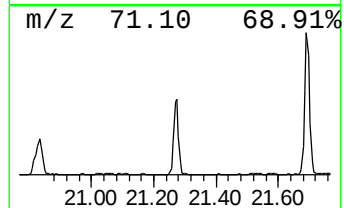
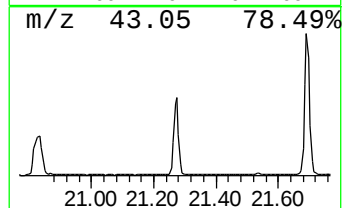
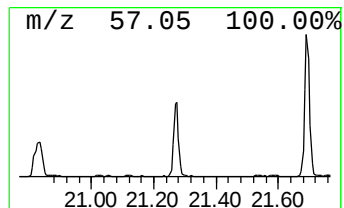
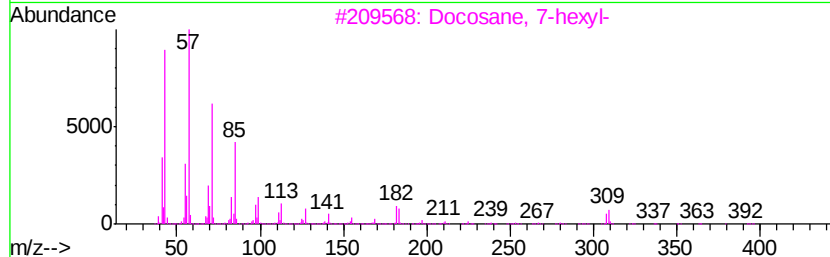
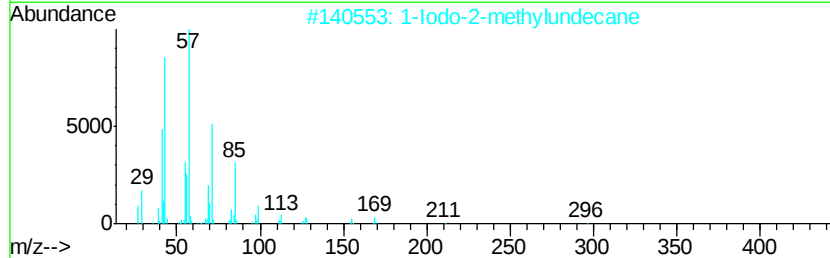
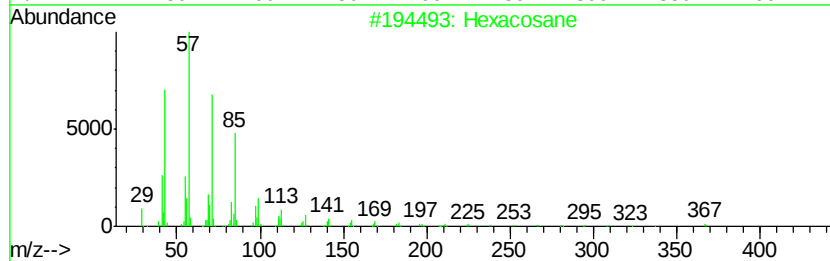
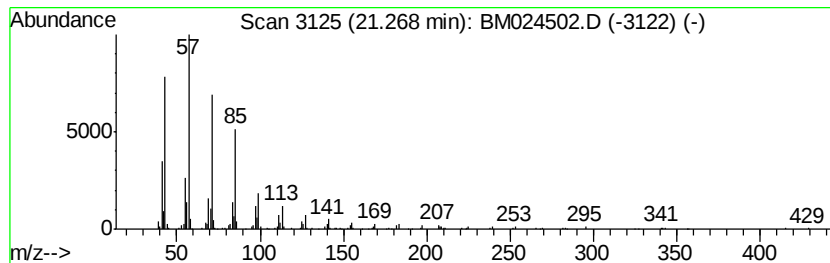
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.27	2.34 ng/ul	461262	Chrysene-d12	21.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptacosane	380	C27H56	000593-49-7	91



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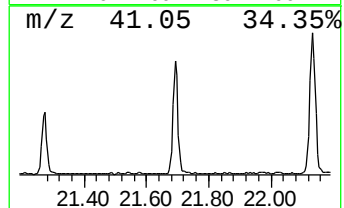
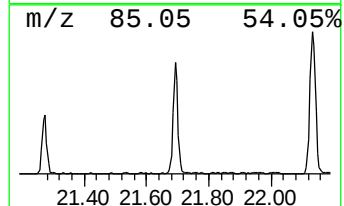
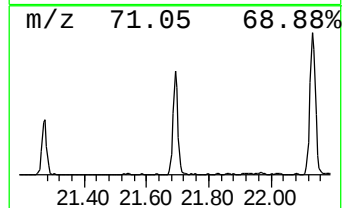
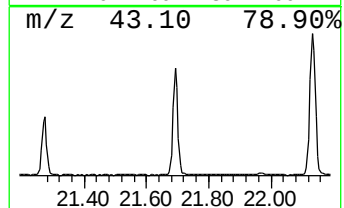
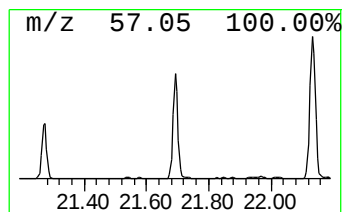
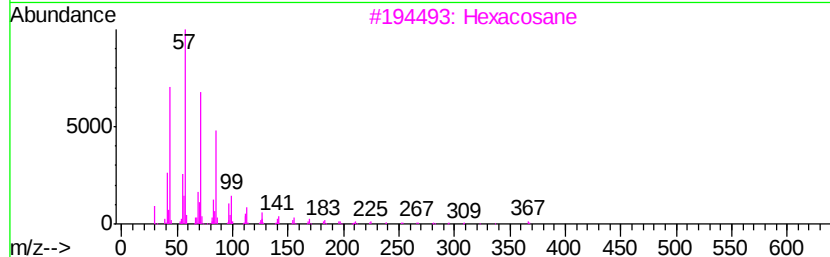
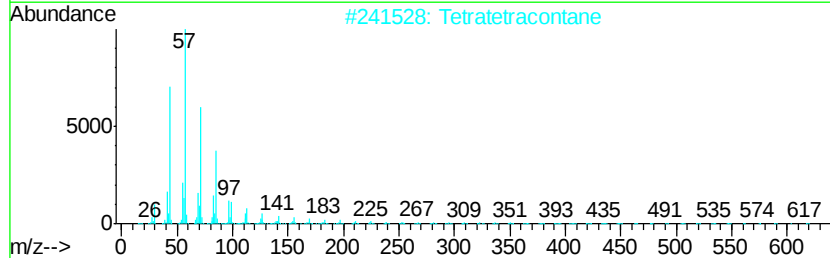
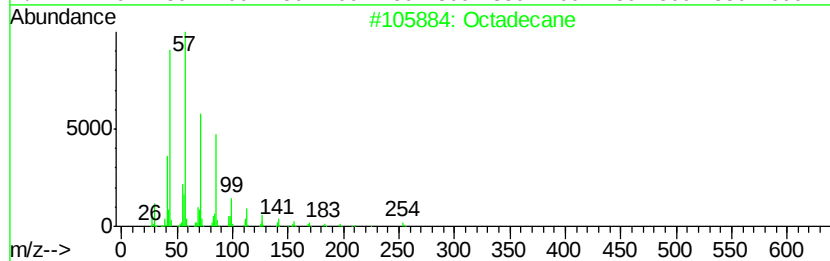
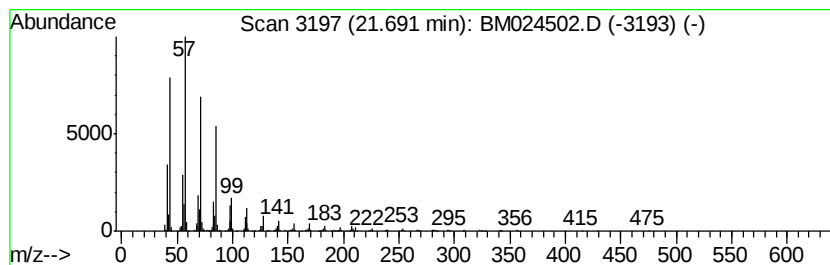
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	4.53 ng/ul	891458	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Tetratetracontane	619	C44H90	007098-22-8	94
3		Hexacosane	366	C26H54	000630-01-3	93
4		Heptadecane	240	C17H36	000629-78-7	93
5		Triacontane	422	C30H62	000638-68-6	91



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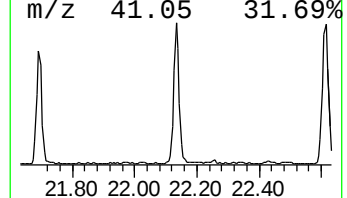
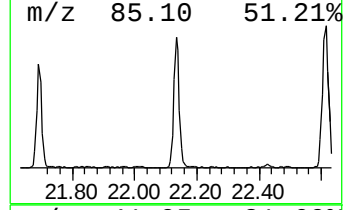
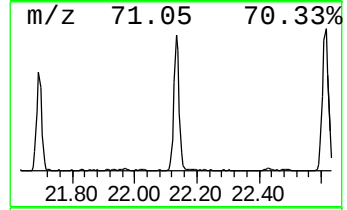
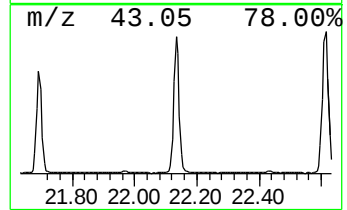
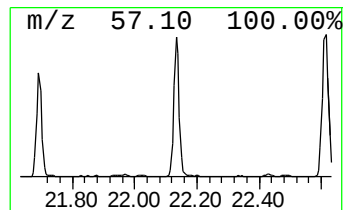
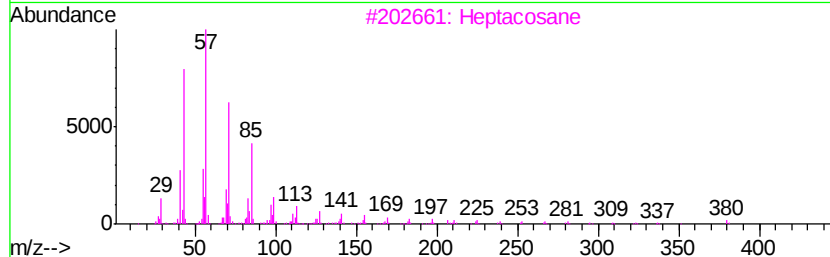
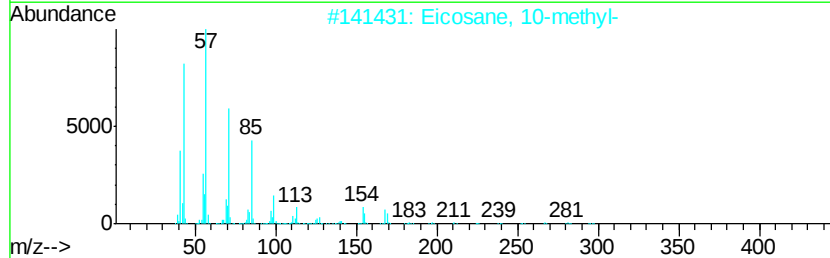
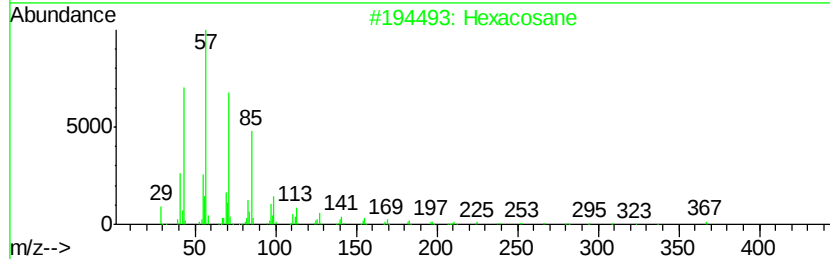
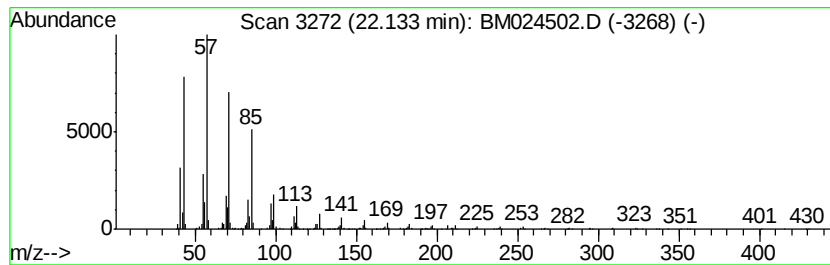
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	6.43 ng/ul	1281380	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024502.D
Acq On : 17 Jan 2020 19:11
Operator : JU
Sample : L1139-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D49

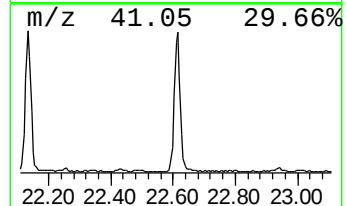
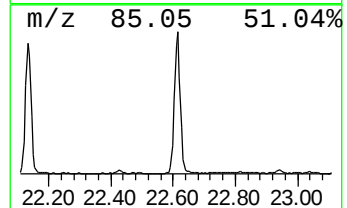
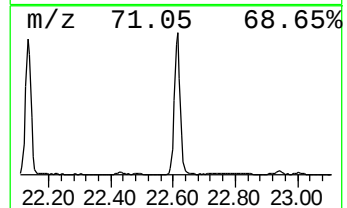
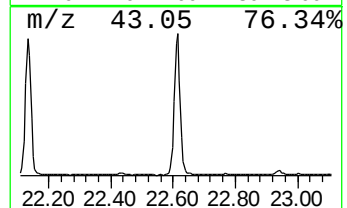
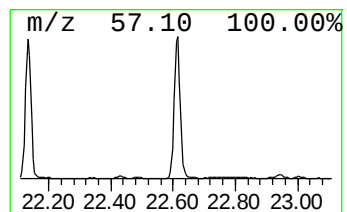
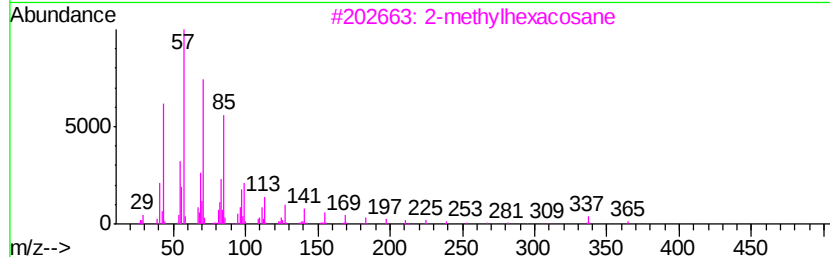
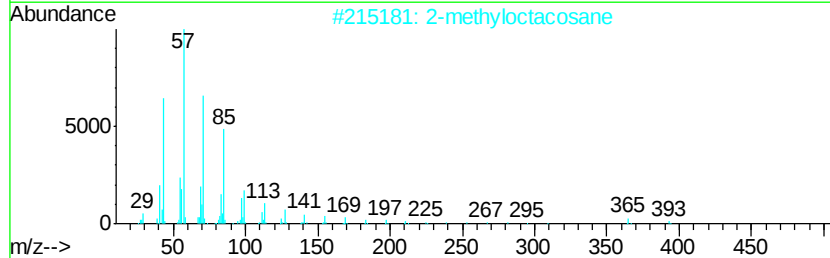
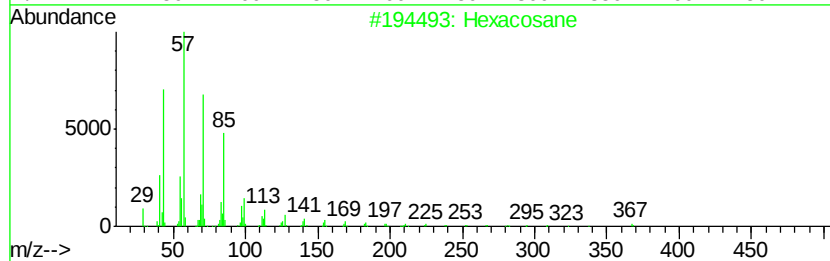
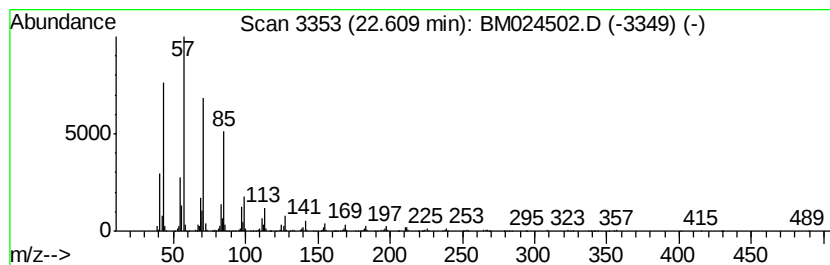
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	7.36 ng/ul	1467640	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024502.D
Acq On : 17 Jan 2020 19:11
Operator : JU
Sample : L1139-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D49

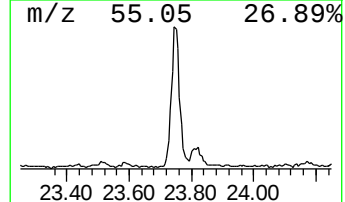
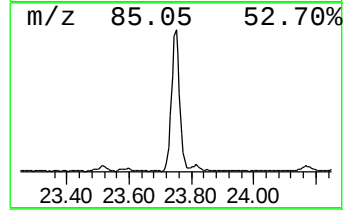
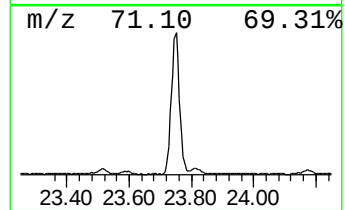
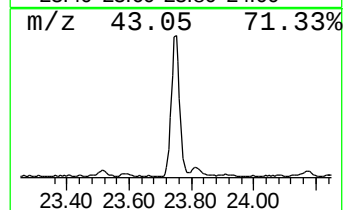
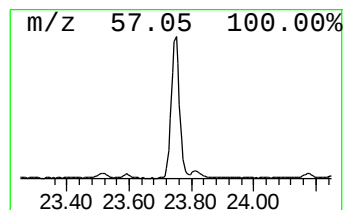
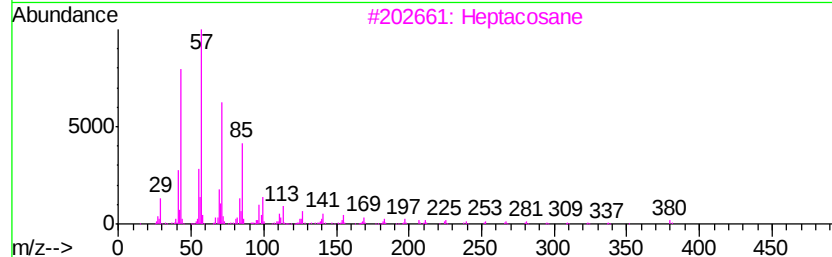
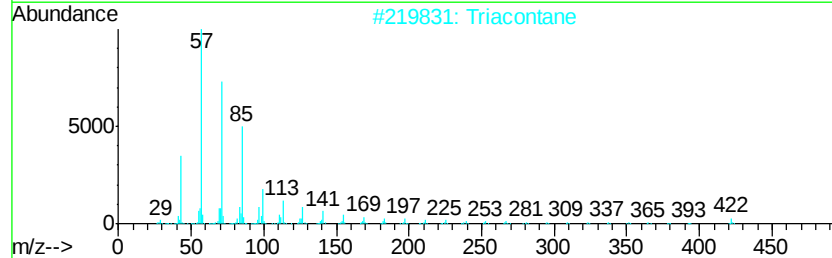
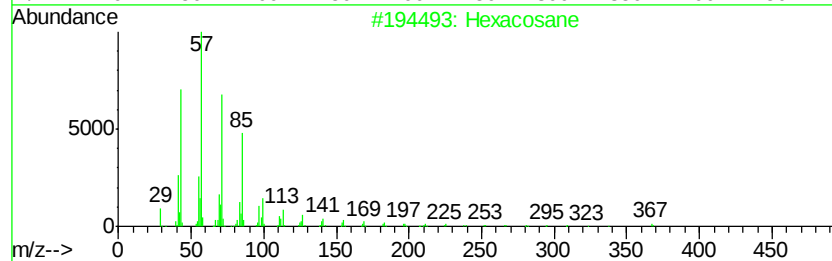
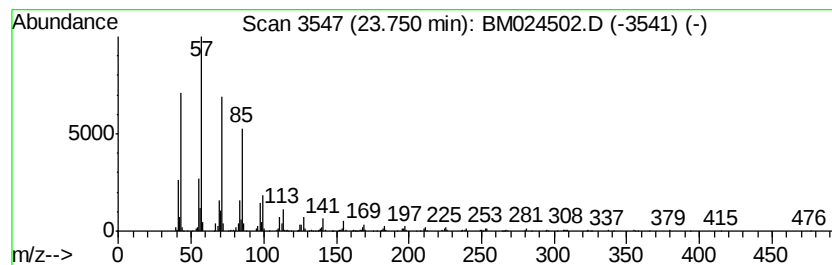
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	5.98 ng/ul	1193050	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Triacontane	422	C30H62	000638-68-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024502.D
Acq On : 17 Jan 2020 19:11
Operator : JU
Sample : L1139-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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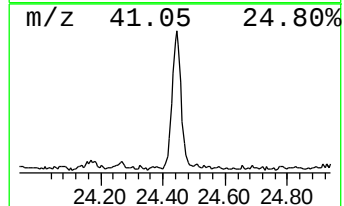
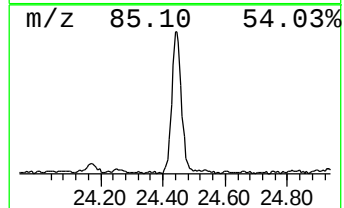
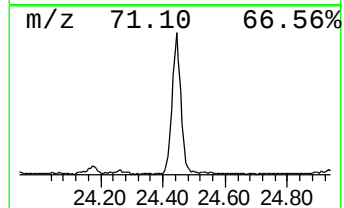
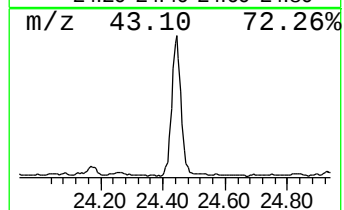
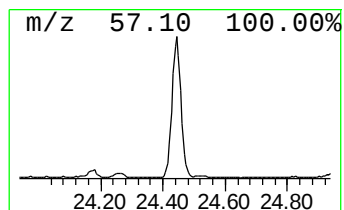
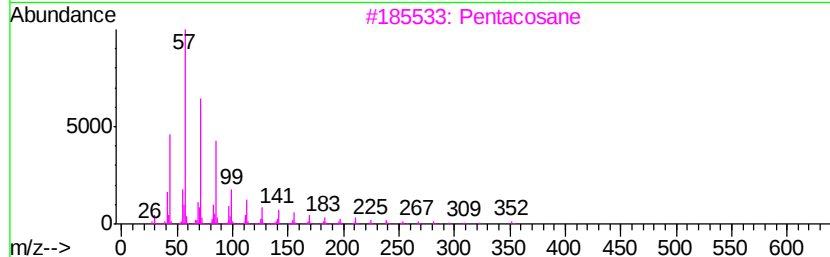
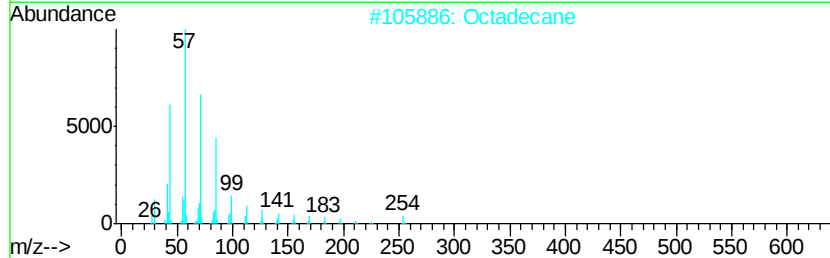
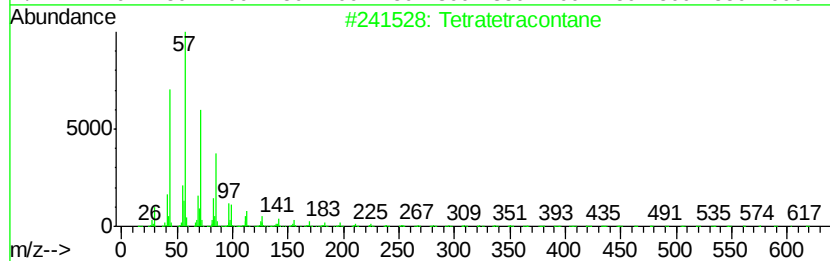
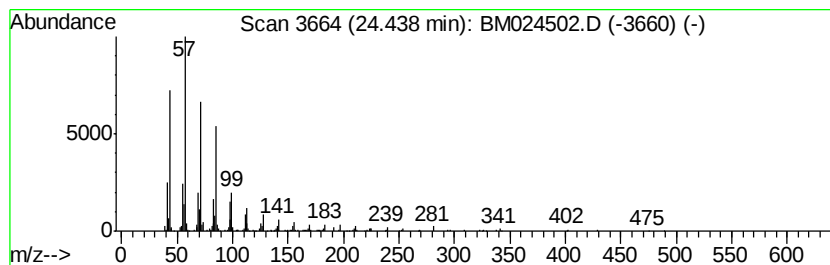
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	3.92 ng/ul	780892	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
 Data File : BM024502.D
 Acq On : 17 Jan 2020 19:11
 Operator : JU
 Sample : L1139-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.80	2.1	ng/ul	330531	4	16.86	3186040	20.0
(DEL) Alkane: Cyc...	20.82	2.6	ng/ul	520561	5	21.06	3937730	20.0
(DEL) Alkane: Str...	21.27	2.3	ng/ul	461262	5	21.06	3937730	20.0
(DEL) Alkane: Str...	21.69	4.5	ng/ul	891458	5	21.06	3937730	20.0
(DEL) Alkane: Str...	22.13	6.4	ng/ul	1281380	6	23.18	3987470	20.0
(DEL) Alkane: Str...	22.61	7.4	ng/ul	1467640	6	23.18	3987470	20.0
(DEL) Alkane: Str...	23.75	6.0	ng/ul	1193050	6	23.18	3987470	20.0
(DEL) Alkane: Str...	24.44	3.9	ng/ul	780892	6	23.18	3987470	20.0