

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021480.D
 Acq On : 16 Jul 2019 22:52
 Operator : HP/JU
 Sample : K3787-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C90

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-BM070819MA.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	6.904	661	666	675	rVB	141777	244783	4.16%	0.517%
2	7.069	689	694	707	rVB	509875	831416	14.14%	1.756%
3	7.257	720	726	735	rVB	601865	958275	16.30%	2.023%
4	7.728	799	806	815	rVB	549511	896369	15.25%	1.893%
5	8.069	861	864	871	rVB2	15983	27018	0.46%	0.057%
6	8.433	920	926	935	rVB	424721	699110	11.89%	1.476%
7	8.886	996	1003	1010	rBV	697209	1170508	19.91%	2.471%
8	9.245	1060	1064	1071	rVB	27069	39748	0.68%	0.084%
9	9.339	1078	1080	1086	rVB2	9698	12125	0.21%	0.026%
10	9.604	1118	1125	1139	rVB	575288	959118	16.32%	2.025%
11	10.133	1209	1215	1234	rVB	770562	1444377	24.57%	3.050%
12	10.510	1270	1279	1289	rBV	742827	1237004	21.04%	2.612%
13	10.675	1302	1307	1320	rVB2	40436	84385	1.44%	0.178%
14	11.145	1382	1387	1394	rBV5	5147	11672	0.20%	0.025%
15	11.733	1482	1487	1494	rVB	66280	96948	1.65%	0.205%
16	12.033	1532	1538	1541	rBV4	4401	7037	0.12%	0.015%
17	12.116	1546	1552	1559	rVV3	9761	17288	0.29%	0.037%
18	12.968	1692	1697	1700	rBV4	6477	8063	0.14%	0.017%
19	13.192	1729	1735	1741	rVB4	23643	36898	0.63%	0.078%
20	13.386	1765	1768	1774	rVB2	10508	15346	0.26%	0.032%
21	13.786	1830	1836	1841	rBV	1679429	2292684	39.00%	4.841%
22	13.833	1841	1844	1858	rVB	132972	186931	3.18%	0.395%
23	14.063	1876	1883	1893	rBV	1901480	2844324	48.39%	6.006%
24	14.262	1912	1917	1924	rVB4	4385	7809	0.13%	0.016%
25	14.368	1927	1935	1944	rBV2	1116067	1651658	28.10%	3.487%
26	14.610	1964	1976	1993	rBV	47319	136207	2.32%	0.288%
27	14.786	2002	2006	2011	rBV3	6687	9504	0.16%	0.020%
28	15.210	2074	2078	2082	rVB4	5192	7175	0.12%	0.015%
29	15.362	2098	2104	2115	rVV	2492138	3555149	60.48%	7.507%
30	15.498	2122	2127	2141	rBV	538078	798347	13.58%	1.686%
31	15.609	2141	2146	2153	rVB3	25657	38001	0.65%	0.080%
32	16.074	2222	2225	2231	rBV4	6403	10969	0.19%	0.023%
33	16.151	2234	2238	2242	rVB4	7470	11268	0.19%	0.024%
34	16.527	2298	2302	2305	rBV3	8033	10088	0.17%	0.021%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
Start Thrs: 0.2
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	16.868	2355	2360	2364	rBV2	8381	11408	0.19%	0.024%
36	17.121	2396	2403	2411	rBV	1429162	1988493	33.83%	4.199%
37	17.221	2413	2420	2429	rBV	2644236	3864953	65.75%	8.161%
38	17.609	2481	2486	2488	rBV4	7261	9414	0.16%	0.020%
39	17.886	2529	2533	2541	rVB6	12292	18719	0.32%	0.040%
40	18.009	2549	2554	2564	rBV	187633	285577	4.86%	0.603%
41	18.298	2599	2603	2607	rBV3	16624	21581	0.37%	0.046%
42	18.498	2632	2637	2643	rVB	218688	292690	4.98%	0.618%
43	18.627	2656	2659	2662	rBV5	8501	9261	0.16%	0.020%
44	18.933	2708	2711	2715	rVB2	27132	27857	0.47%	0.059%
45	19.150	2744	2748	2758	rBV2	72637	150745	2.56%	0.318%
46	19.292	2768	2772	2778	rBV3	121644	184621	3.14%	0.390%
47	19.403	2788	2791	2795	rBV2	25617	27765	0.47%	0.059%
48	19.515	2804	2810	2815	rBV	3559477	4767289	81.10%	10.066%
49	19.556	2815	2817	2821	rVB2	69684	71668	1.22%	0.151%
50	20.050	2898	2901	2906	rBV	110733	119612	2.03%	0.253%
51	20.544	2982	2985	2989	rBV	243811	280982	4.78%	0.593%
52	21.009	3061	3064	3073	rBV2	387419	572248	9.74%	1.208%
53	21.309	3110	3115	3122	rBV	1763070	2423822	41.23%	5.118%
54	21.444	3135	3138	3143	rBV	524693	551742	9.39%	1.165%
55	21.880	3209	3212	3217	rBV	552628	632522	10.76%	1.336%
56	22.350	3288	3292	3299	rVB	613053	797142	13.56%	1.683%
57	22.856	3374	3378	3383	rVB	632345	842673	14.34%	1.779%
58	23.421	3468	3474	3484	rVB	3245180	5878134	100.00%	12.411%
59	23.562	3493	3498	3511	rVB2	1286432	2521708	42.90%	5.325%
60	24.068	3581	3584	3591	rVB	397433	650184	11.06%	1.373%

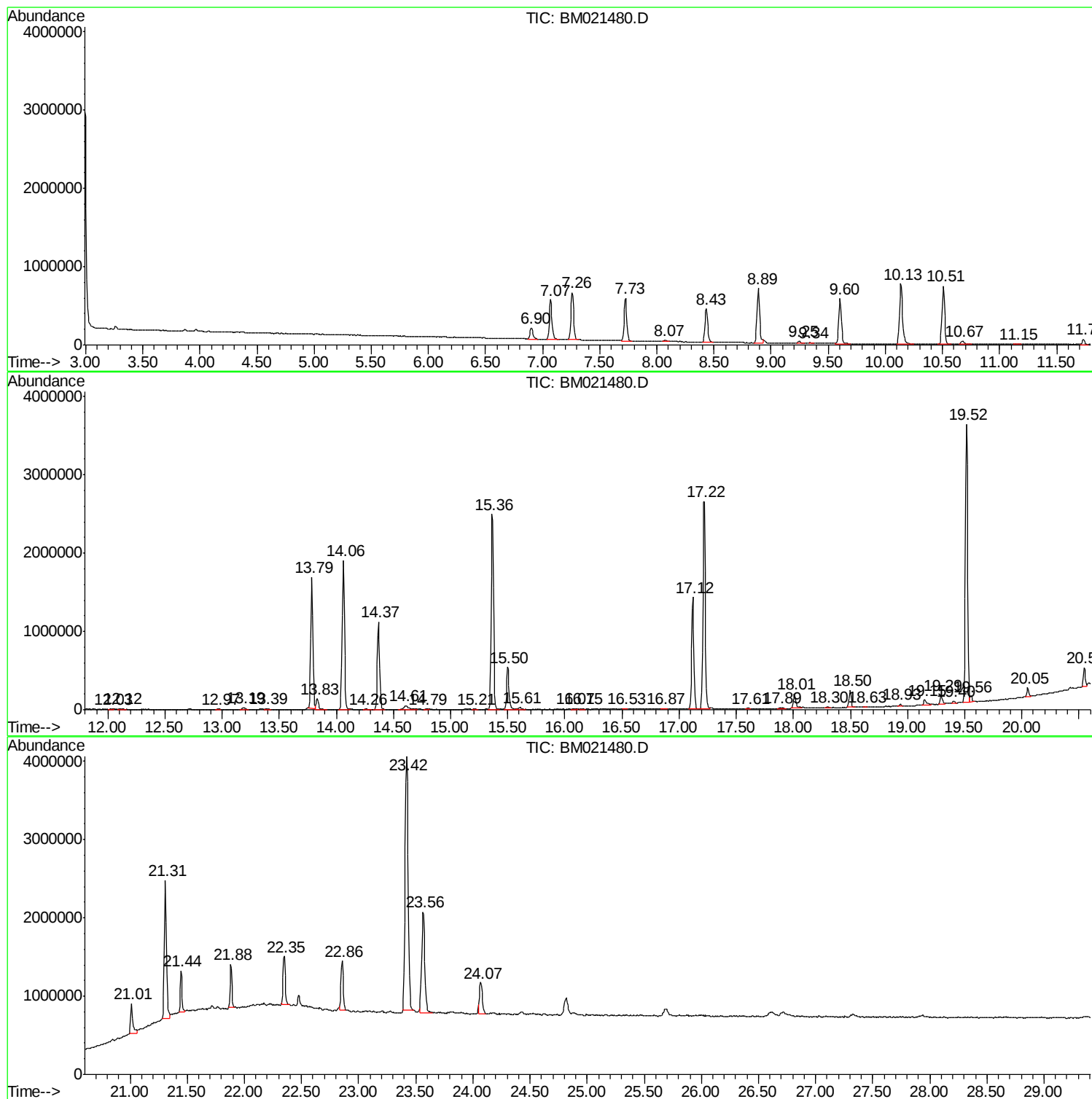
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Sample : K3787-02
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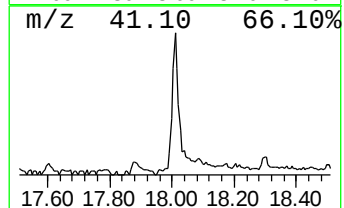
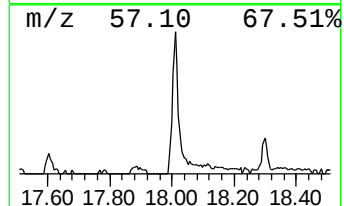
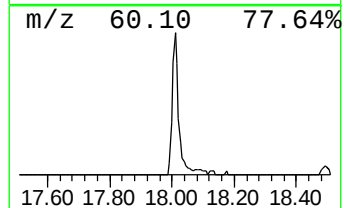
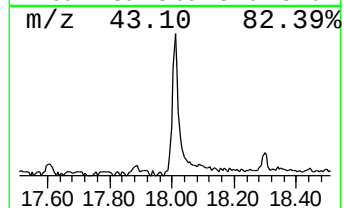
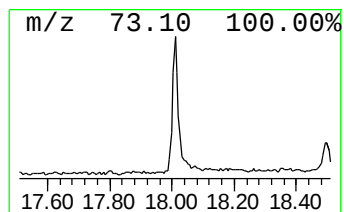
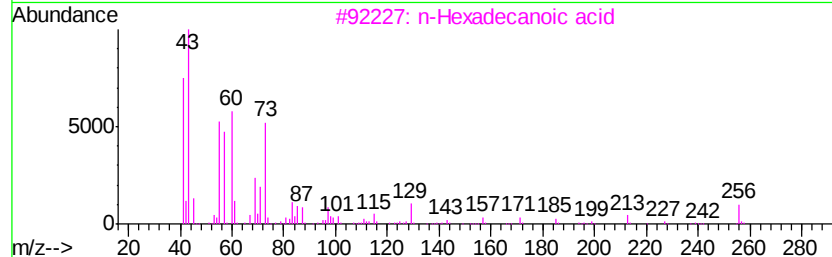
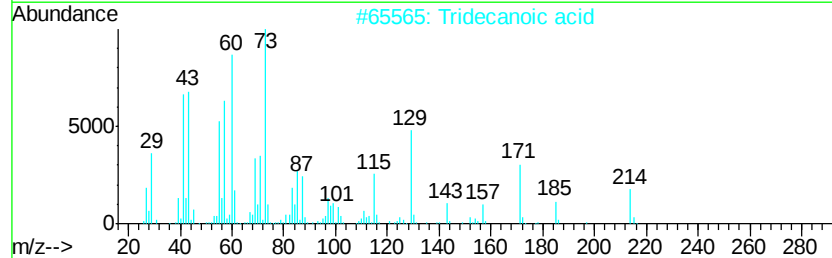
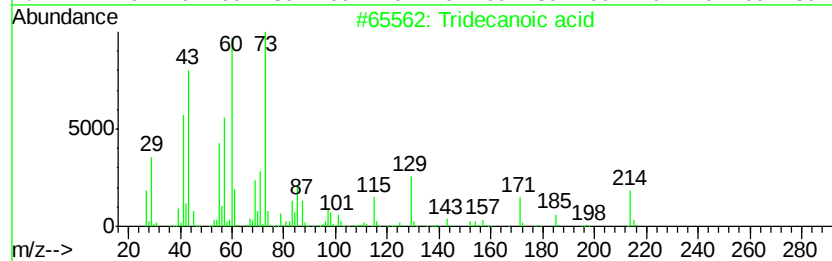
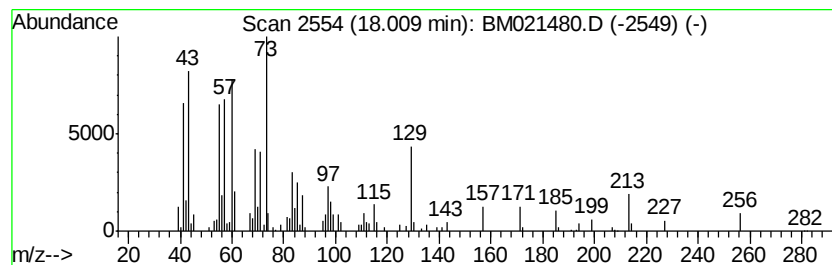
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.01	2.87 ng/ul	285577	Phenanthrene-d10		17.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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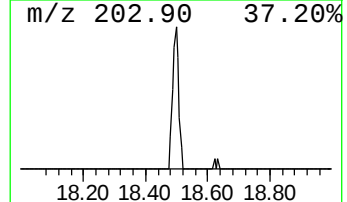
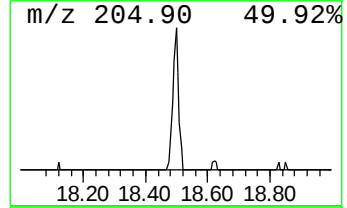
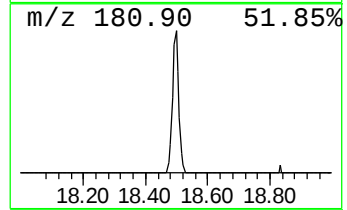
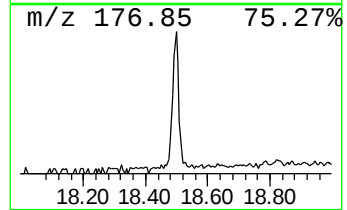
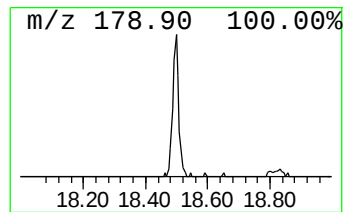
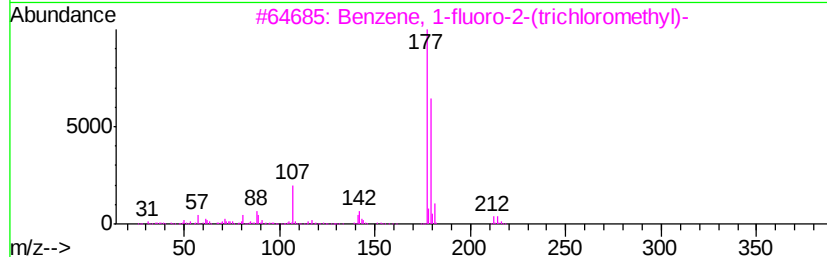
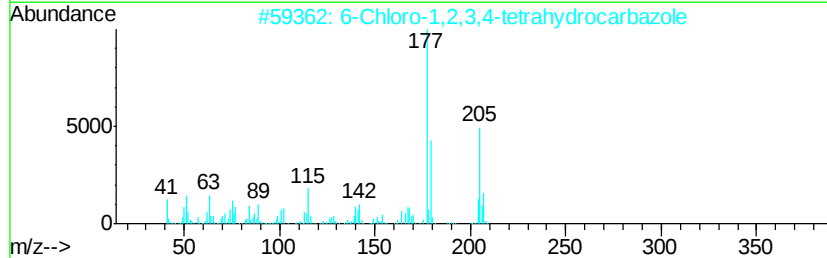
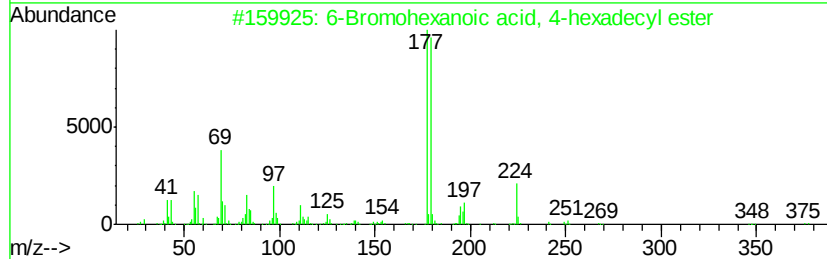
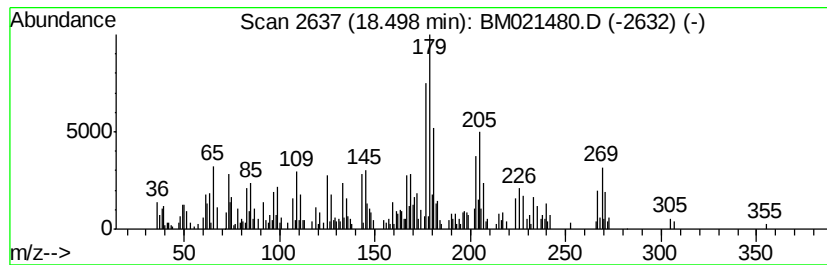
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.94 ng/ul	292690	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Bromohexanoic acid, 4-hexadecyl...	418	C22H43BrO2	1000282-90-6	38
2		6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
3		Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	22
4		2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	14
5		Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	14



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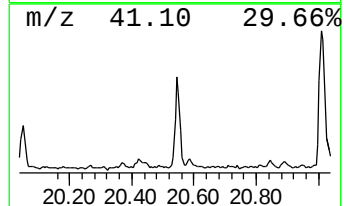
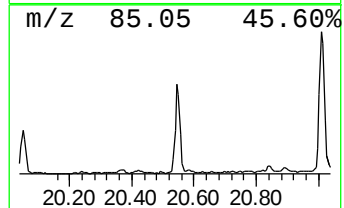
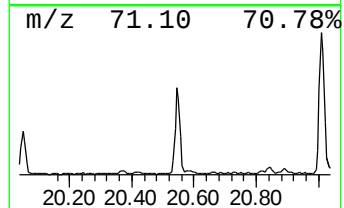
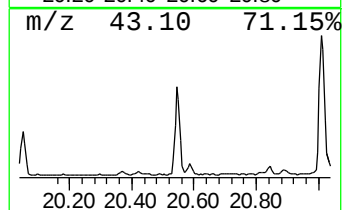
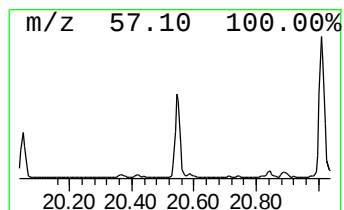
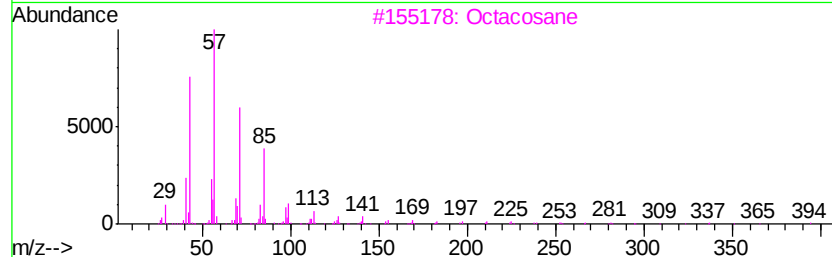
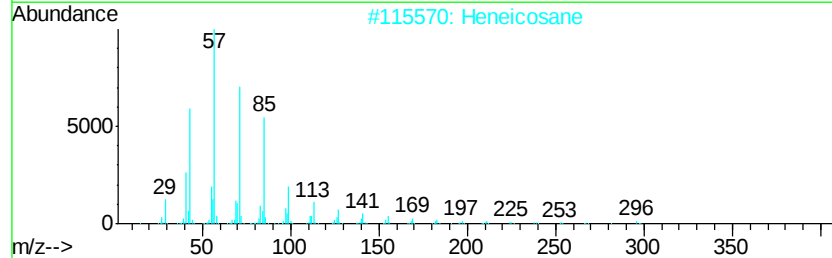
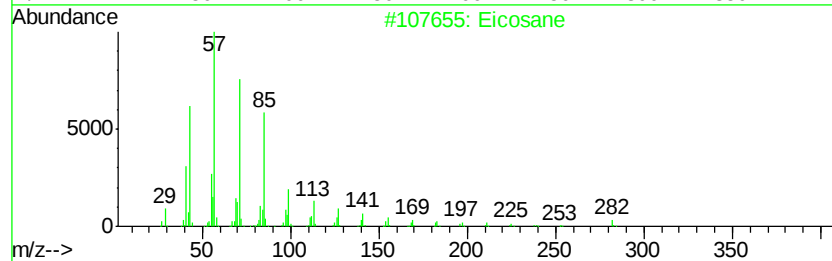
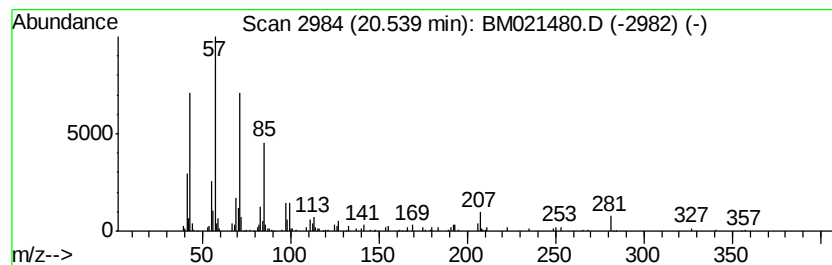
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.32 ng/ul	280982	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		Octadecane	254	C18H38	000593-45-3	83



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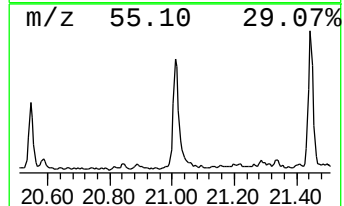
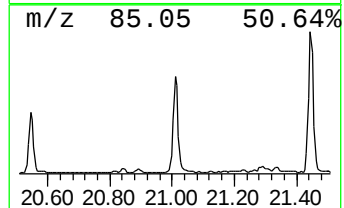
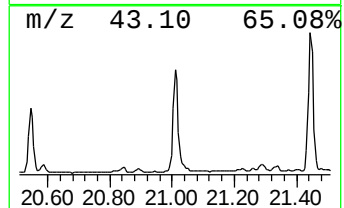
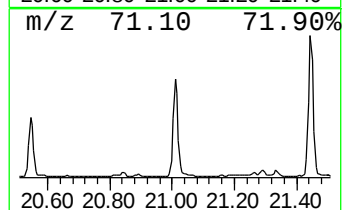
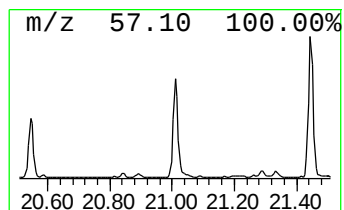
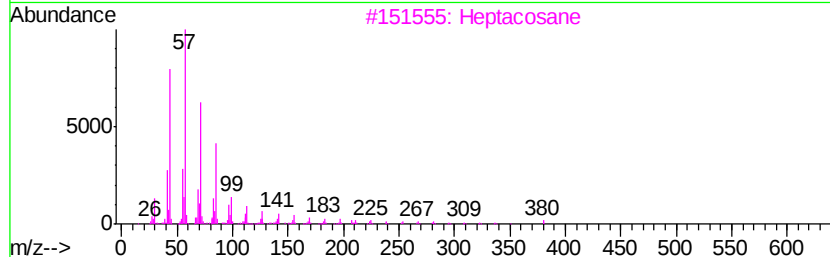
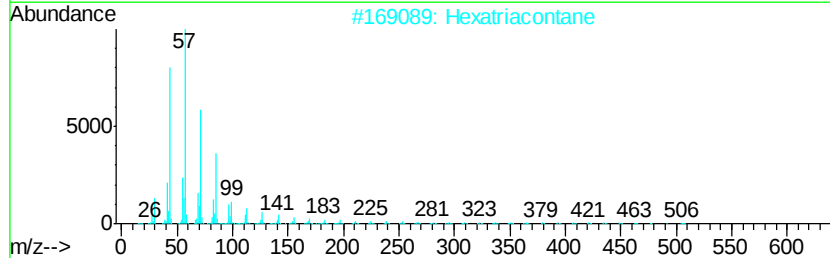
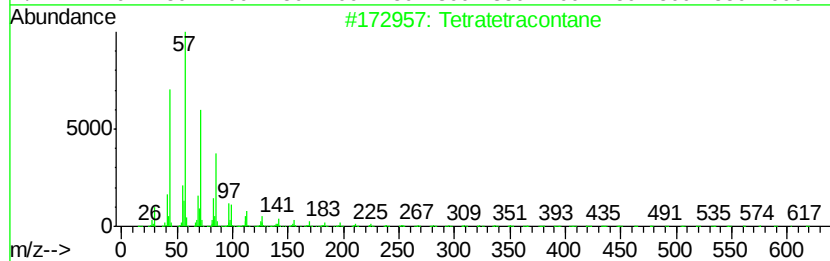
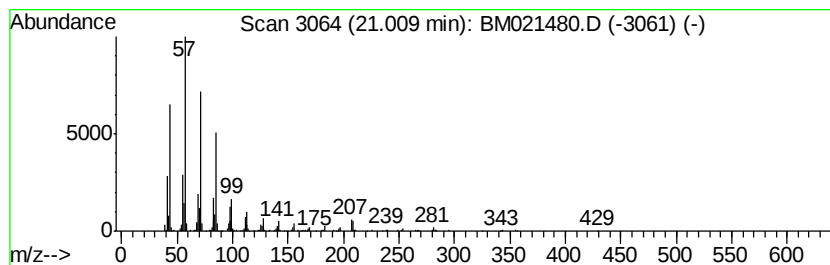
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.72 ng/ul	572248	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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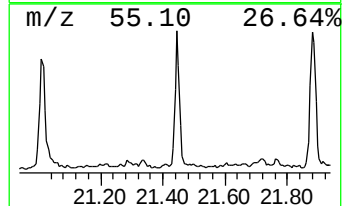
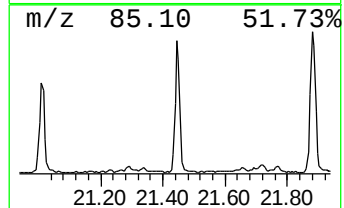
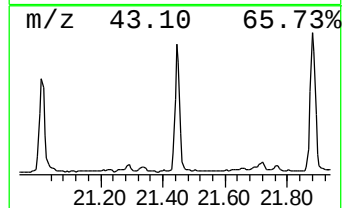
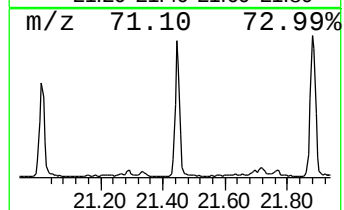
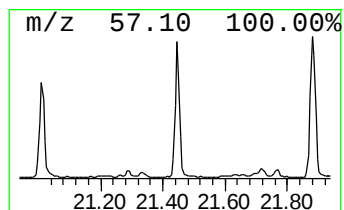
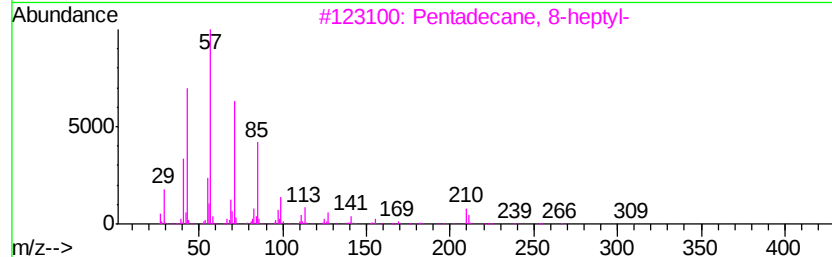
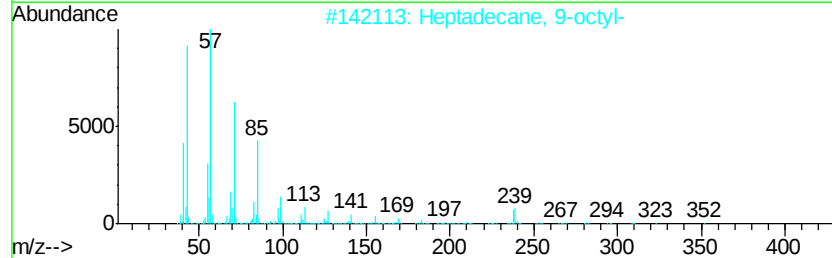
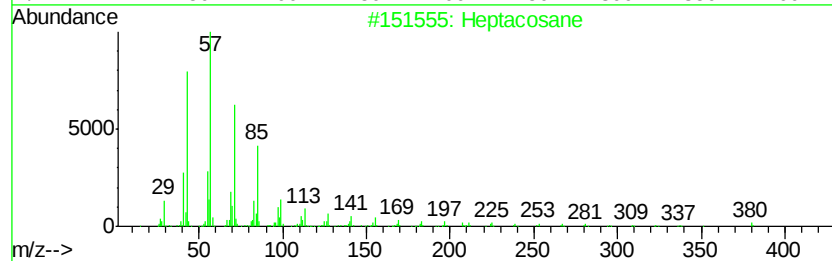
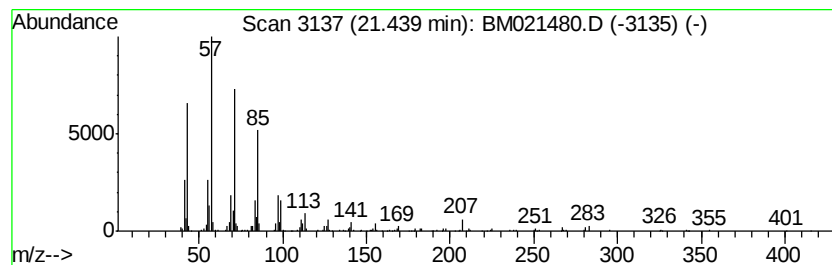
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	4.55 ng/ul	551742	Chrysene-d12	21.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	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\BM071619\
Data File : BM021480.D
Acq On : 16 Jul 2019 22:52
Operator : HP/JU
Sample : K3787-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C90

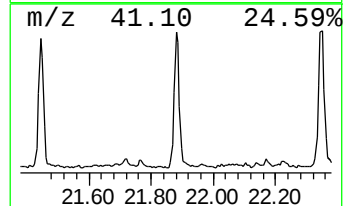
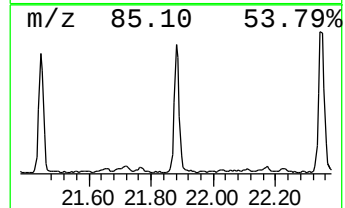
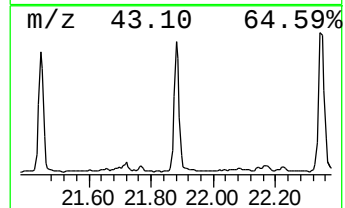
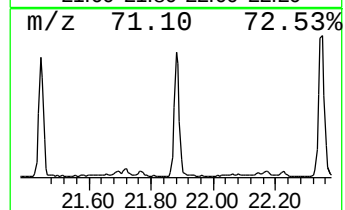
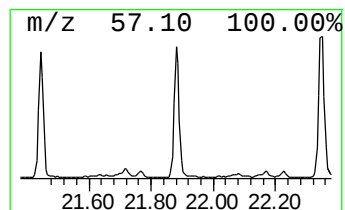
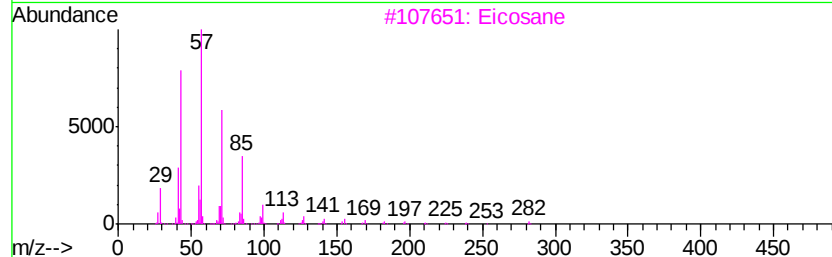
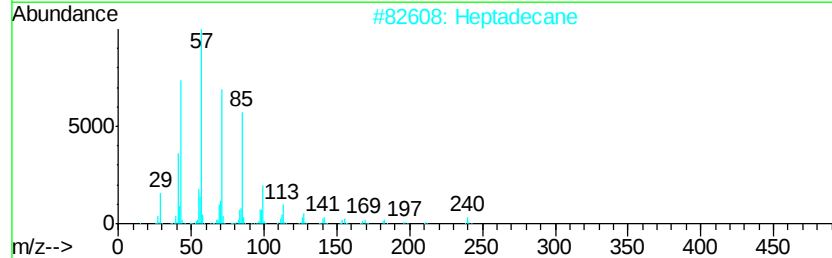
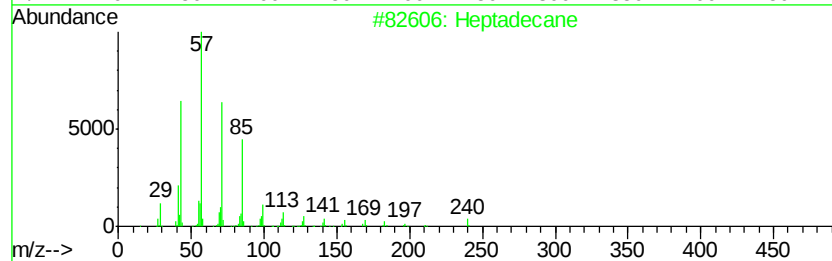
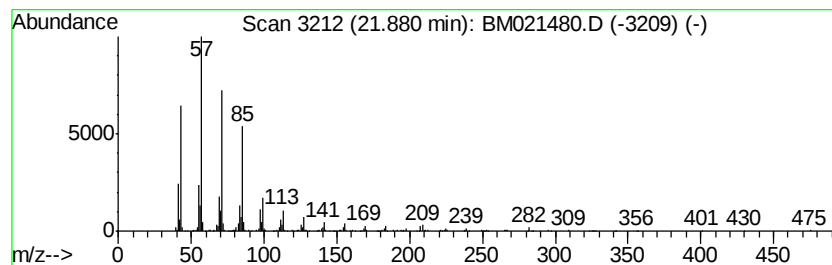
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
21.88	5.22 ng/ul	632522	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Eicosane	282	C20H42	000112-95-8	92
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021480.D
Acq On : 16 Jul 2019 22:52
Operator : HP/JU
Sample : K3787-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C90

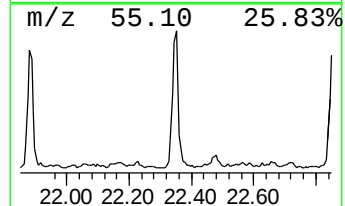
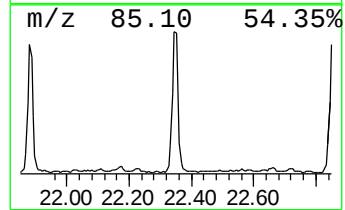
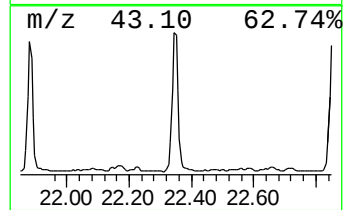
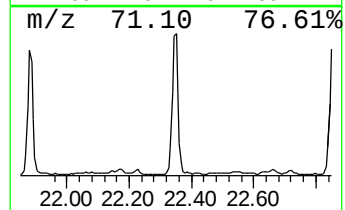
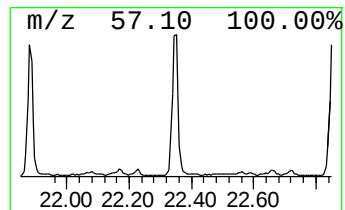
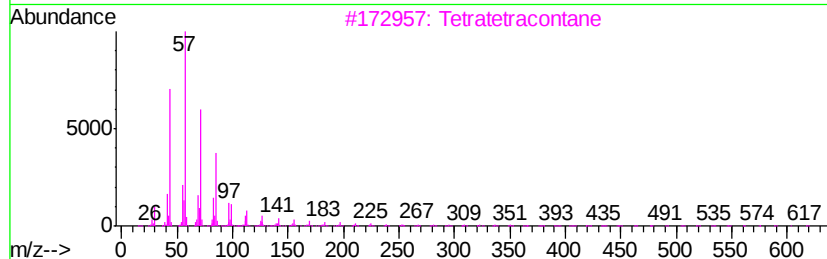
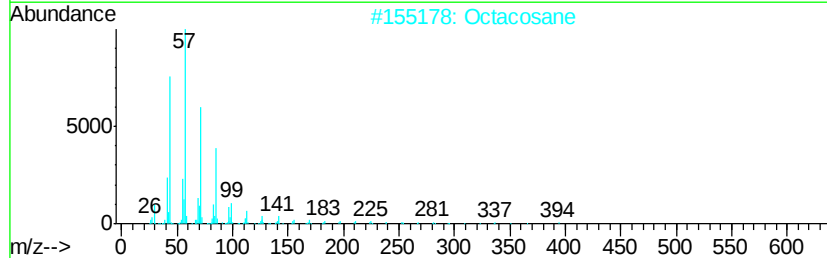
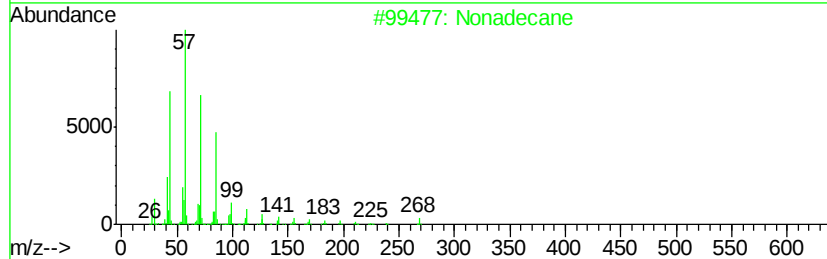
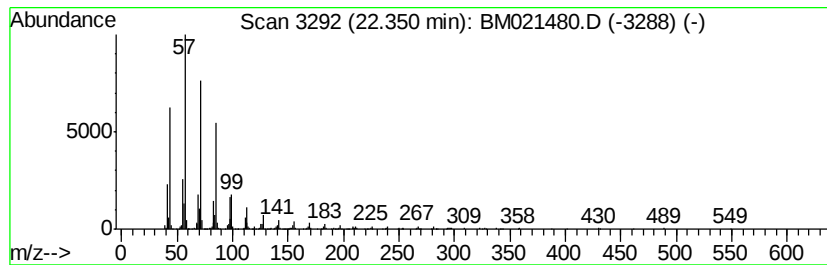
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	6.58 ng/ul	797142	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021480.D
Acq On : 16 Jul 2019 22:52
Operator : HP/JU
Sample : K3787-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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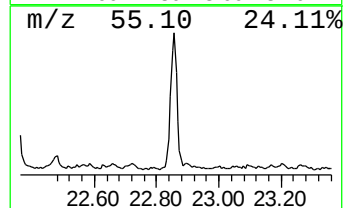
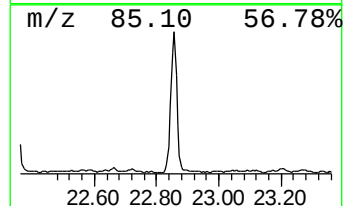
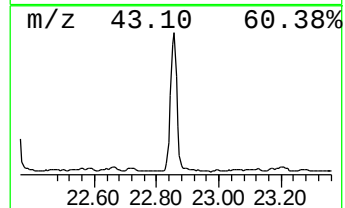
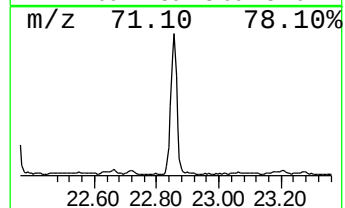
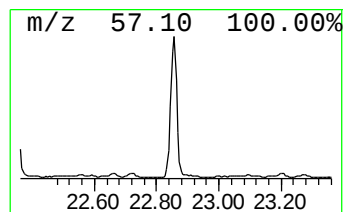
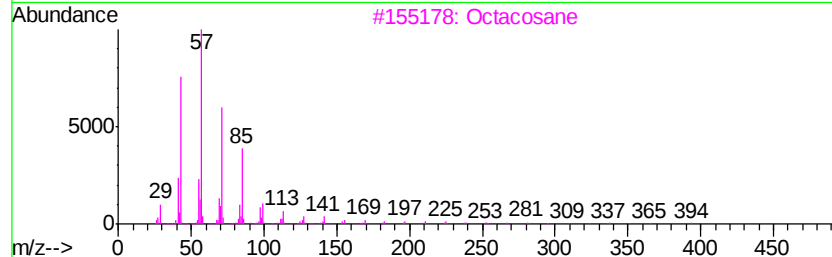
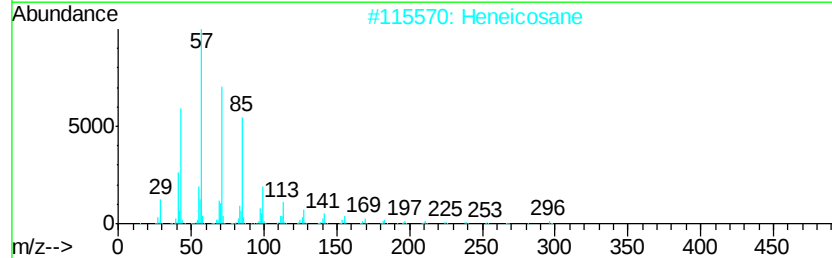
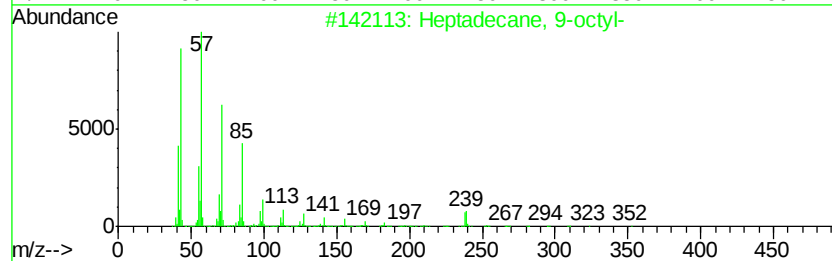
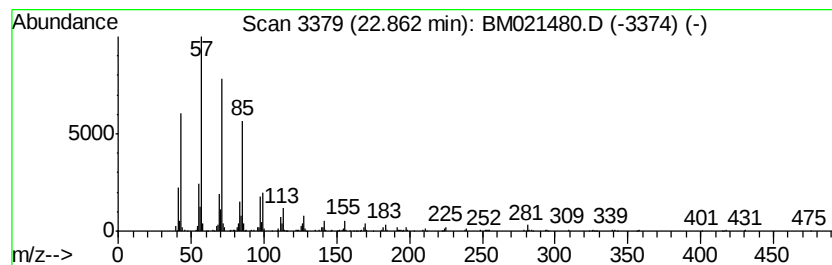
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	6.68 ng/ul	842673	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021480.D
Acq On : 16 Jul 2019 22:52
Operator : HP/JU
Sample : K3787-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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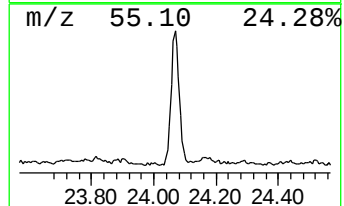
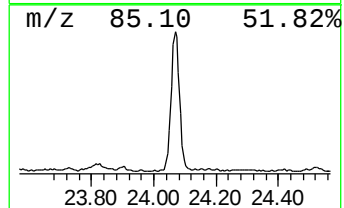
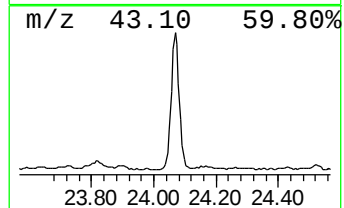
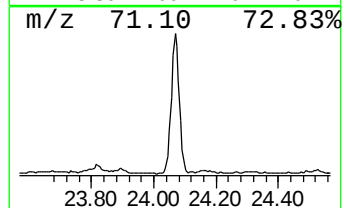
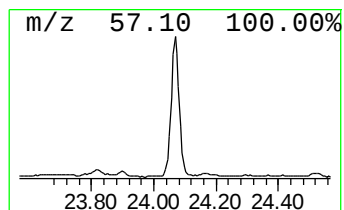
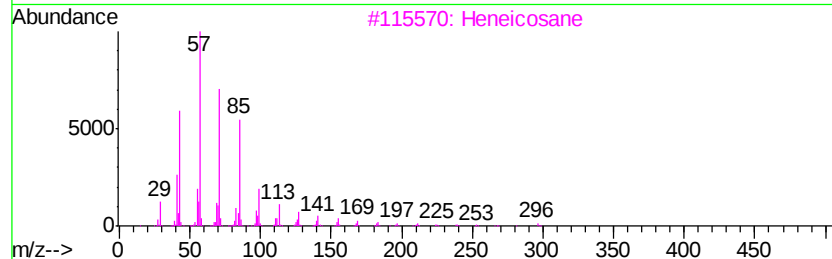
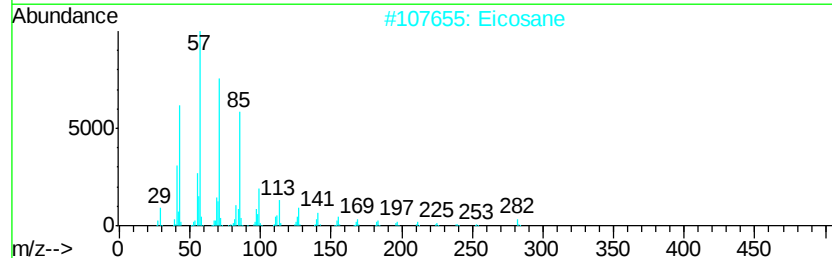
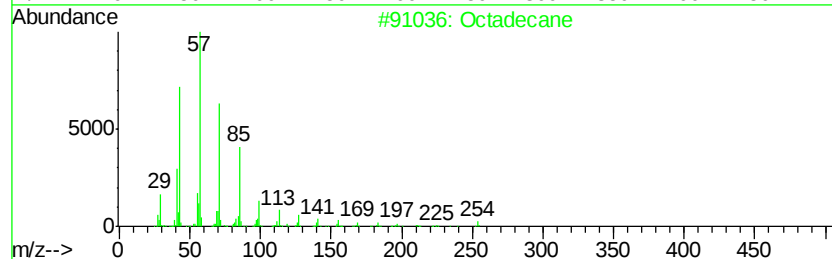
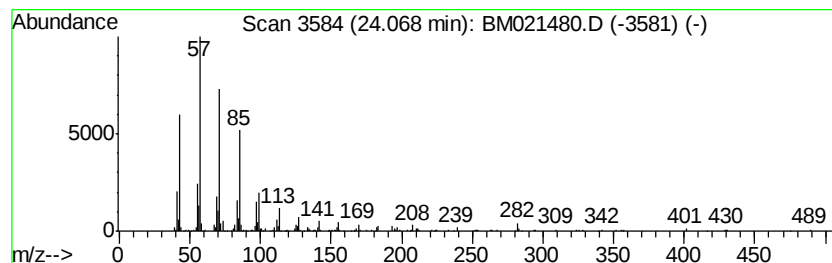
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	5.16 ng/ul	650184	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021480.D
Acq On : 16 Jul 2019 22:52
Operator : HP/JU
Sample : K3787-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown-01	18.50	2.9	ng/ul	292690	4	17.12	1988490	20.0
(DEL) Alkane: Str...	20.54	2.3	ng/ul	280982	5	21.31	2423820	20.0
(DEL) Alkane: Str...	21.01	4.7	ng/ul	572248	5	21.31	2423820	20.0
(DEL) Alkane: Str...	21.44	4.5	ng/ul	551742	5	21.31	2423820	20.0
(DEL) Alkane: Str...	21.88	5.2	ng/ul	632522	5	21.31	2423820	20.0
(DEL) Alkane: Str...	22.35	6.6	ng/ul	797142	5	21.31	2423820	20.0
(DEL) Alkane: Str...	22.86	6.7	ng/ul	842673	6	23.56	2521710	20.0
(DEL) Alkane: Str...	24.07	5.2	ng/ul	650184	6	23.56	2521710	20.0