

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021471.D
 Acq On : 16 Jul 2019 17:22
 Operator : HP/JU
 Sample : K3772-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52M8

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	676	rVB	165328	297172	4.35%	0.569%
2	7.069	689	694	707	rVB	550687	879337	12.88%	1.683%
3	7.257	720	726	737	rVB	637130	1046687	15.34%	2.003%
4	7.728	800	806	815	rVB	597080	954680	13.99%	1.827%
5	8.434	920	926	937	rBV	451650	741708	10.87%	1.420%
6	8.887	997	1003	1014	rBV	716764	1214563	17.80%	2.325%
7	9.604	1118	1125	1135	rBV	606974	1003730	14.71%	1.921%
8	10.069	1200	1204	1209	rVV4	3850	7259	0.11%	0.014%
9	10.140	1209	1216	1236	rVB	846215	1575766	23.09%	3.016%
10	10.510	1272	1279	1289	rVB	832911	1353479	19.83%	2.591%
11	10.681	1302	1308	1320	rVB2	41882	90777	1.33%	0.174%
12	12.116	1547	1552	1559	rBV2	10983	20078	0.29%	0.038%
13	13.786	1829	1836	1841	rBV	1821757	2513370	36.83%	4.811%
14	13.833	1841	1844	1852	rVB	231305	302938	4.44%	0.580%
15	14.063	1876	1883	1895	rVB	2133494	3064529	44.90%	5.866%
16	14.369	1928	1935	1943	rBV2	1241557	1862369	27.29%	3.565%
17	14.439	1943	1947	1957	rVB4	15821	34934	0.51%	0.067%
18	14.604	1966	1975	1985	rBV2	86796	209623	3.07%	0.401%
19	14.792	2000	2007	2013	rBV4	10579	19013	0.28%	0.036%
20	14.857	2013	2018	2030	rVV	66078	115331	1.69%	0.221%
21	15.204	2074	2077	2082	rBV2	7580	11896	0.17%	0.023%
22	15.369	2098	2105	2119	rBV	2766421	3942535	57.77%	7.546%
23	15.498	2121	2127	2139	rVV	709949	1030334	15.10%	1.972%
24	15.610	2141	2146	2151	rVB	32064	45097	0.66%	0.086%
25	15.739	2163	2168	2170	rBV4	6511	7909	0.12%	0.015%
26	16.074	2221	2225	2226	rBV2	5847	6866	0.10%	0.013%
27	16.110	2226	2231	2236	rVV	76218	126180	1.85%	0.242%
28	16.151	2236	2238	2243	rVB3	12013	13549	0.20%	0.026%
29	16.404	2278	2281	2286	rVB5	6462	9655	0.14%	0.018%
30	16.527	2298	2302	2310	rBV6	7311	13106	0.19%	0.025%
31	16.651	2318	2323	2329	rBV5	5120	11087	0.16%	0.021%
32	16.798	2341	2348	2351	rBV5	7145	12508	0.18%	0.024%
33	16.874	2357	2361	2363	rBV	7120	9311	0.14%	0.018%
34	16.904	2363	2366	2370	rVV4	7506	12255	0.18%	0.023%

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35	17.016	2379	2385	2394	rBV2	27791	62004	0.91%	0.119%
36	17.121	2396	2403	2409	rBV2	1740931	2349992	34.43%	4.498%
37	17.221	2413	2420	2430	rBV	3221430	4515560	66.17%	8.643%
38	17.533	2469	2473	2479	rVB	47211	64724	0.95%	0.124%
39	17.886	2529	2533	2540	rBV7	14963	25862	0.38%	0.050%
40	18.015	2550	2555	2564	rBV	199374	325352	4.77%	0.623%
41	18.086	2565	2567	2573	rVB	15407	22309	0.33%	0.043%
42	18.298	2600	2603	2607	rVB3	14477	17006	0.25%	0.033%
43	18.933	2708	2711	2717	rBV2	28496	40052	0.59%	0.077%
44	19.151	2744	2748	2760	rBV2	98251	214417	3.14%	0.410%
45	19.298	2768	2773	2778	rBV	96168	148451	2.18%	0.284%
46	19.404	2788	2791	2797	rBV	32500	43504	0.64%	0.083%
47	19.521	2804	2811	2816	rBV	4295374	5799996	84.99%	11.102%
48	19.557	2816	2817	2823	rVB4	59483	55775	0.82%	0.107%
49	20.051	2898	2901	2906	rBV	111375	119763	1.75%	0.229%
50	20.551	2982	2986	2990	rBV	245361	271582	3.98%	0.520%
51	21.015	3061	3065	3075	rBV	410565	572216	8.38%	1.095%
52	21.309	3110	3115	3126	rBV	2298108	2915417	42.72%	5.580%
53	21.451	3135	3139	3145	rBV	472257	545468	7.99%	1.044%
54	21.886	3209	3213	3218	rBV	420016	513521	7.52%	0.983%
55	22.351	3289	3292	3301	rVB	390528	509734	7.47%	0.976%
56	22.480	3312	3314	3319	rVB	186975	206808	3.03%	0.396%
57	22.856	3375	3378	3383	rVB	339537	467696	6.85%	0.895%
58	23.427	3468	3475	3486	rBV	3757642	6824588	100.00%	13.063%
59	23.568	3493	3499	3509	rVB	1652820	3052199	44.72%	5.842%

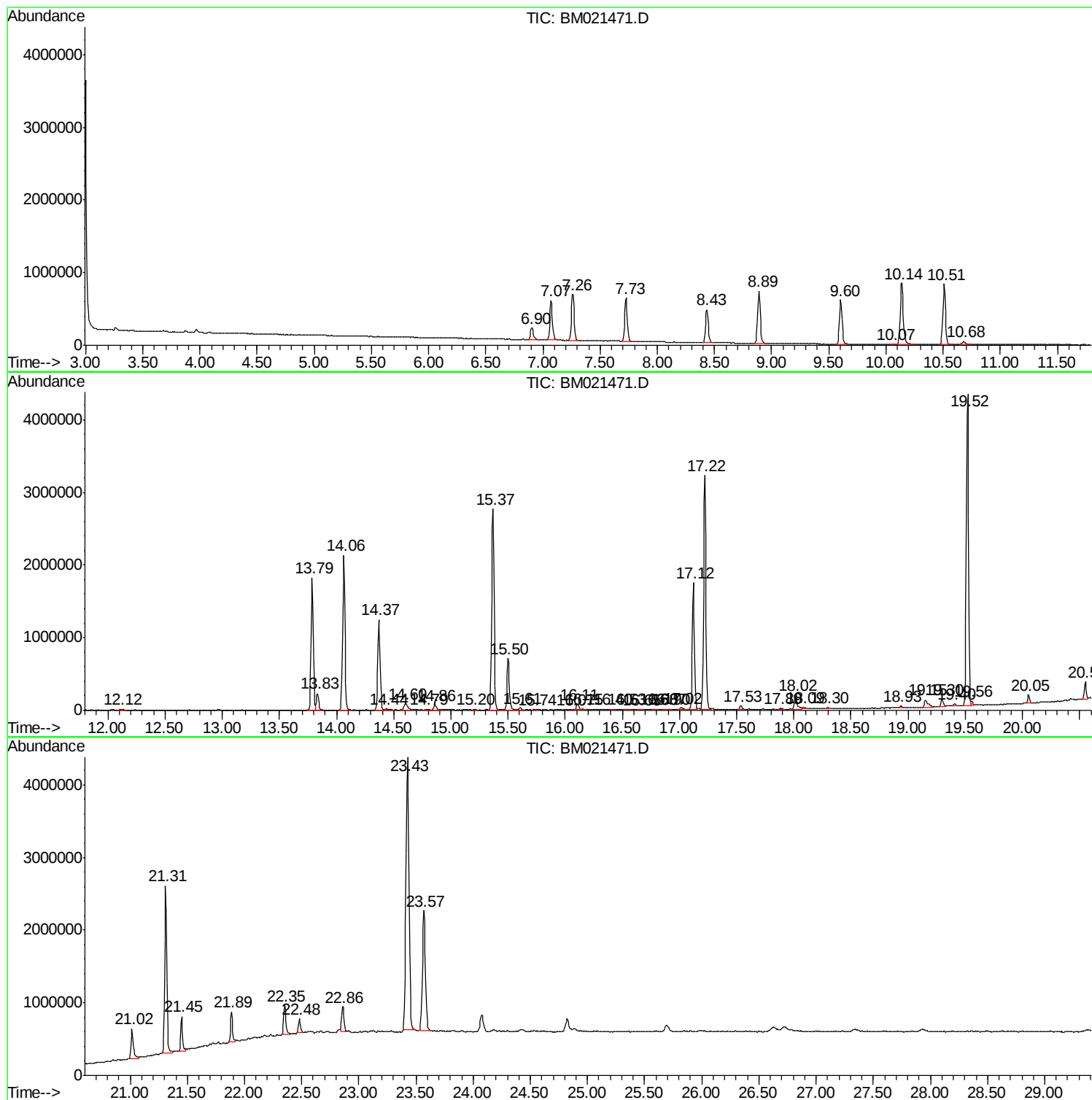
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Quant Title : SVOA CALIBRATION

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



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Sample : K3772-05
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ALS Vial : 11 Sample Multiplier: 1

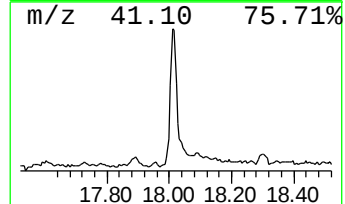
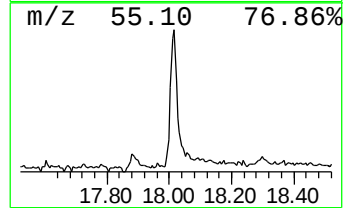
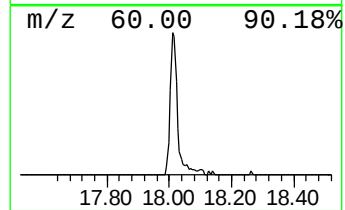
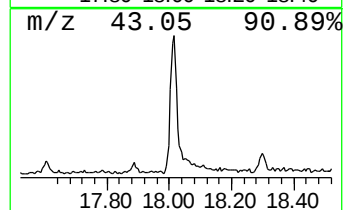
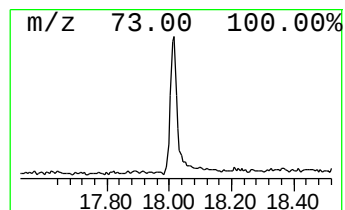
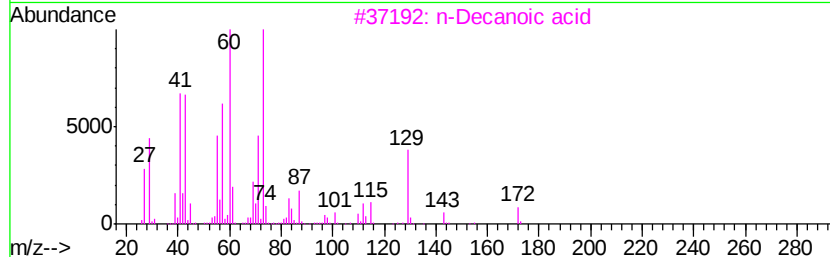
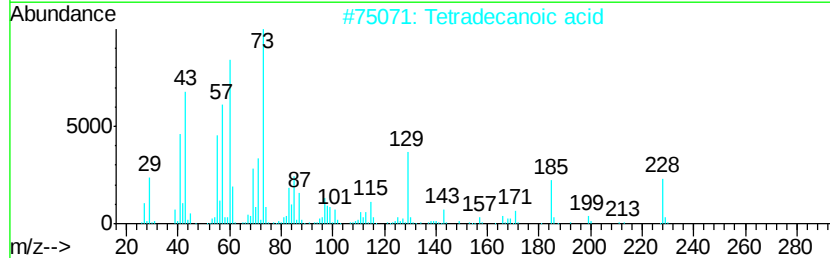
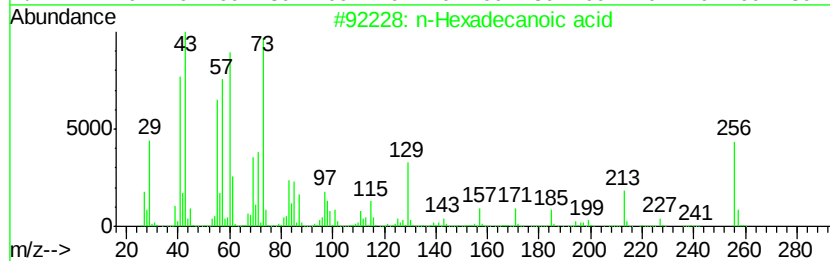
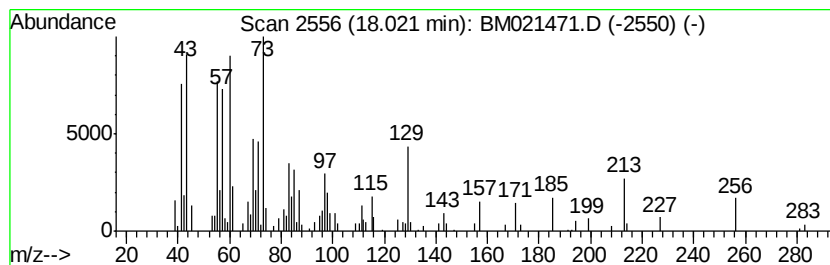
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.02	2.77 ng/ul	325352	Phenanthrene-d10	17.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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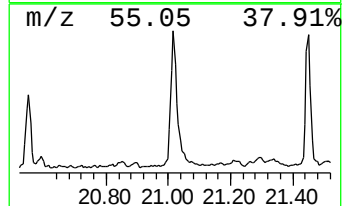
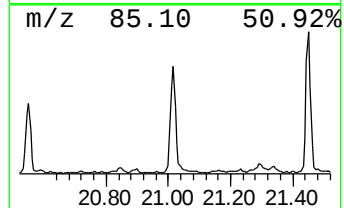
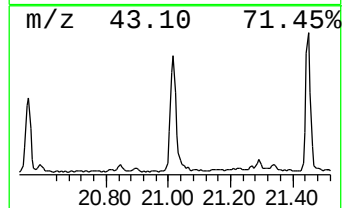
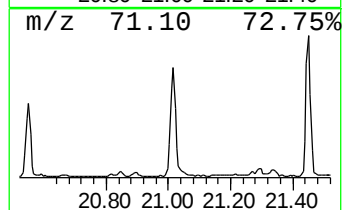
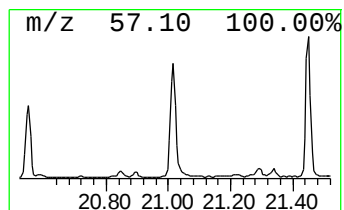
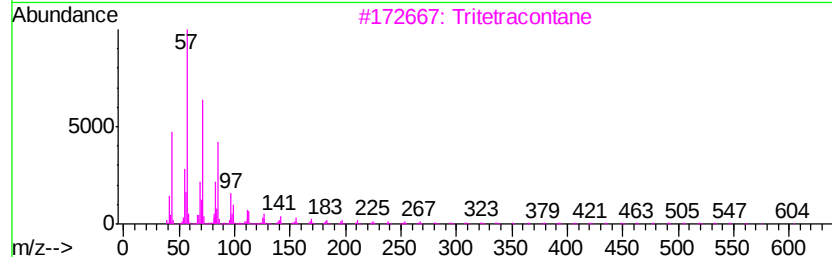
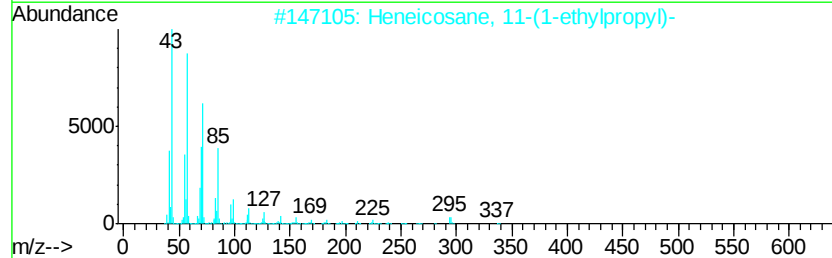
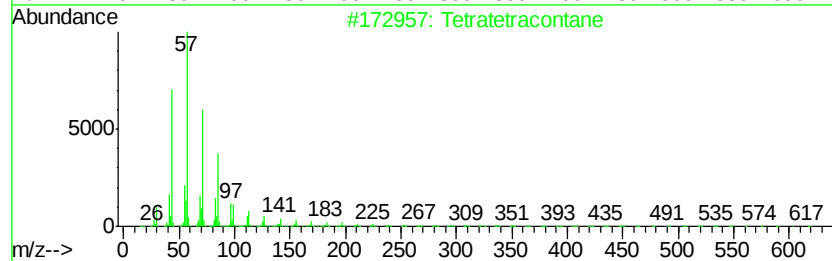
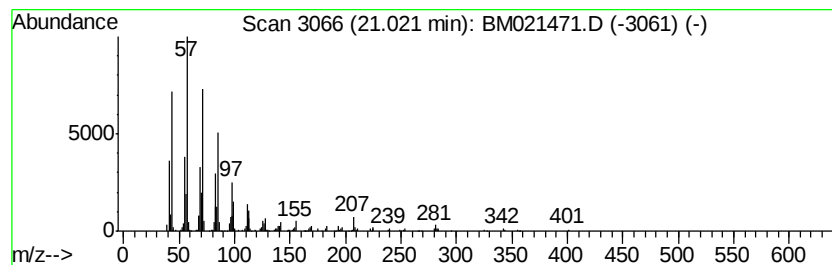
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.93 ng/ul	572216	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Octacosane	394	C28H58	000630-02-4	90



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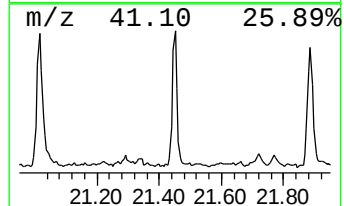
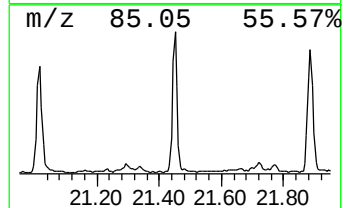
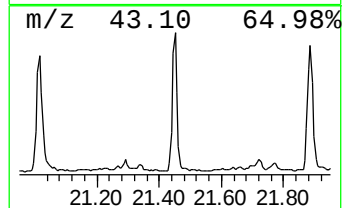
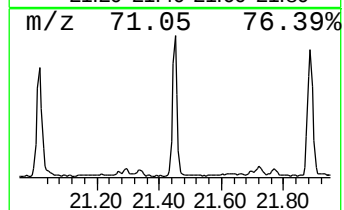
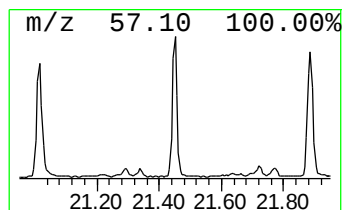
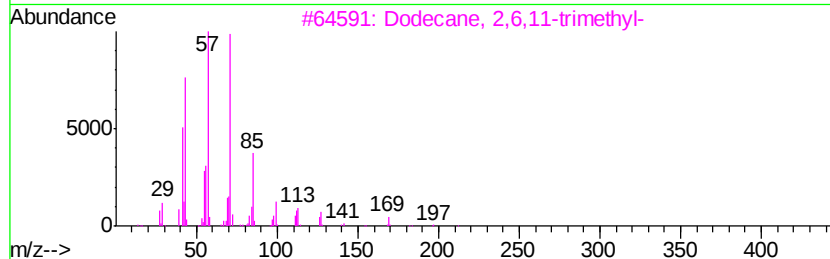
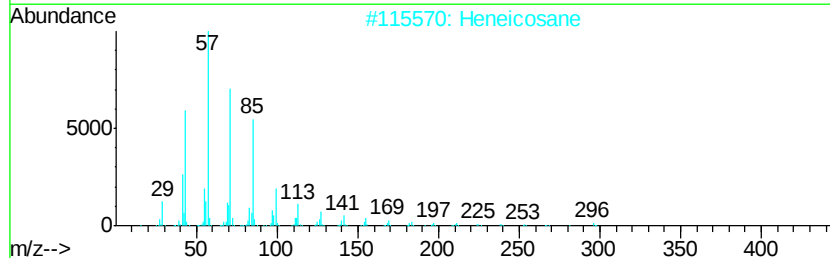
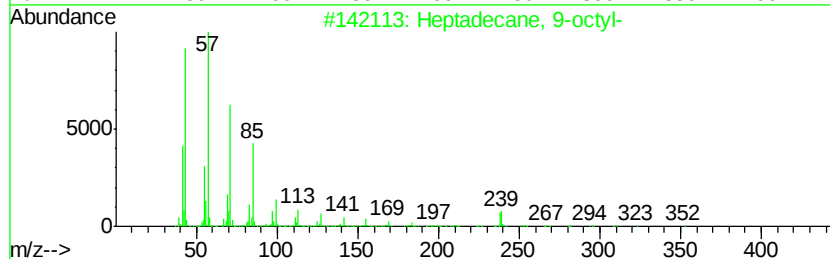
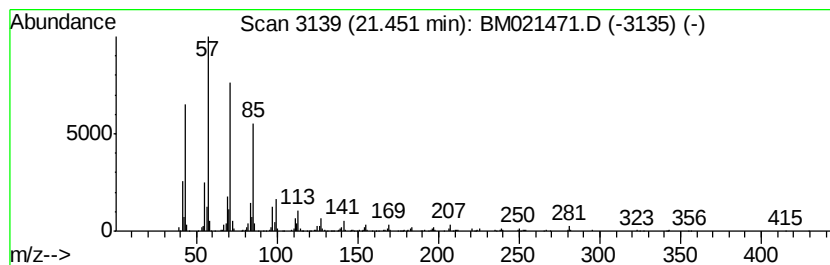
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.74 ng/ul	545468	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
4		Heptadecane	240	C17H36	000629-78-7	87
5		Octadecane	254	C18H38	000593-45-3	87



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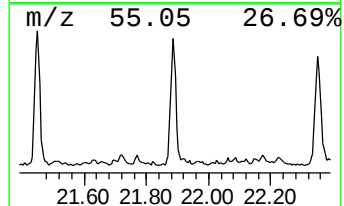
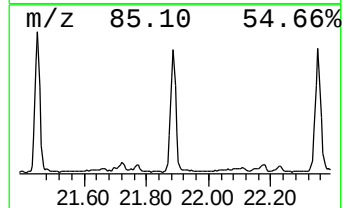
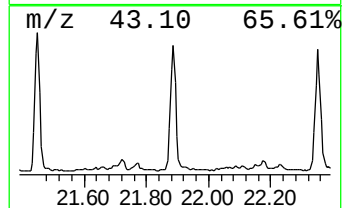
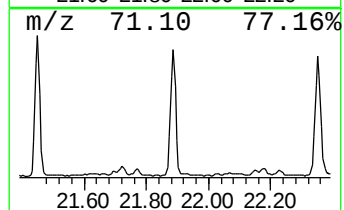
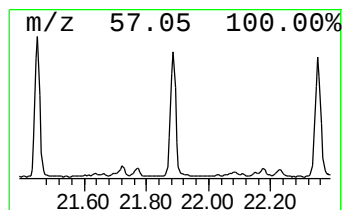
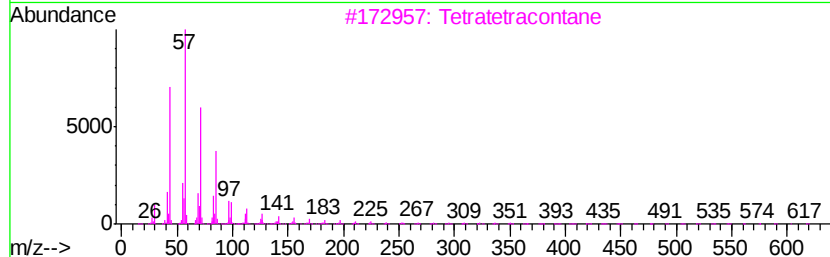
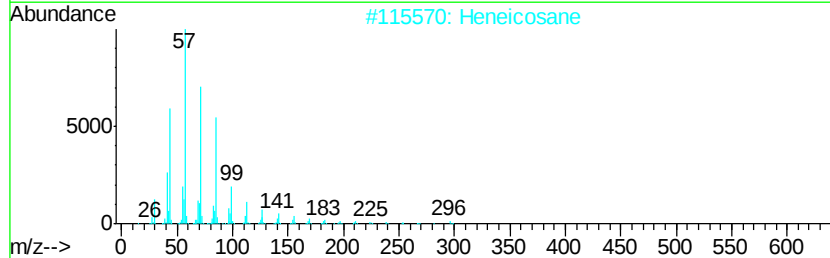
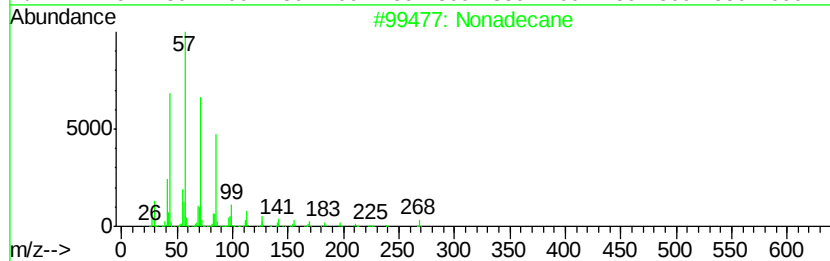
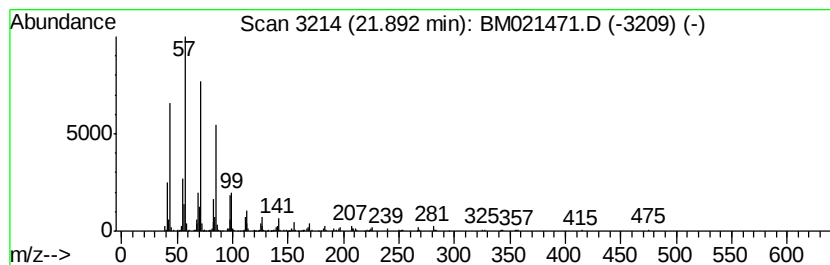
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.52 ng/ul	513521	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91



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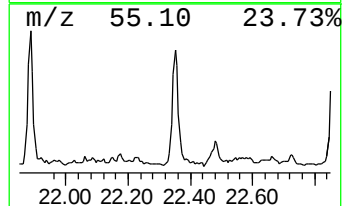
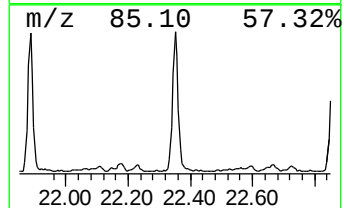
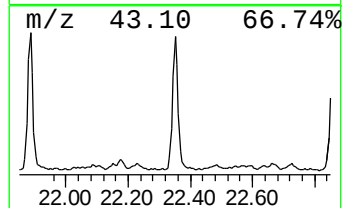
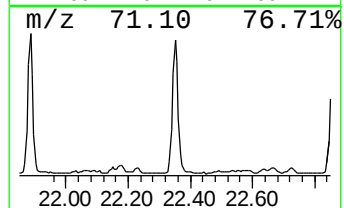
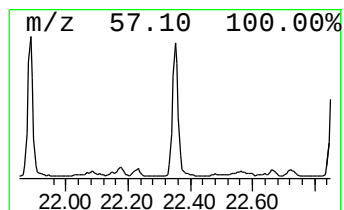
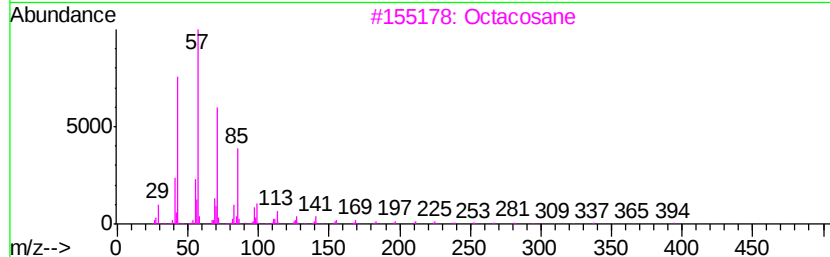
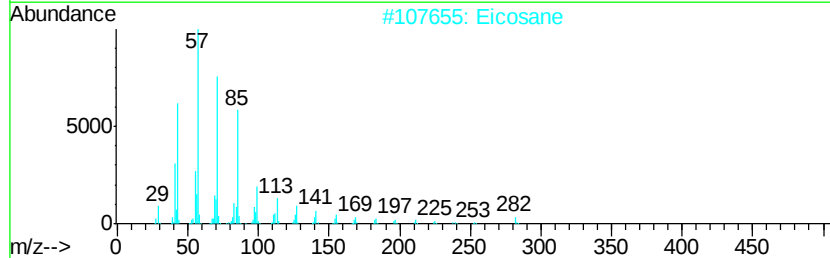
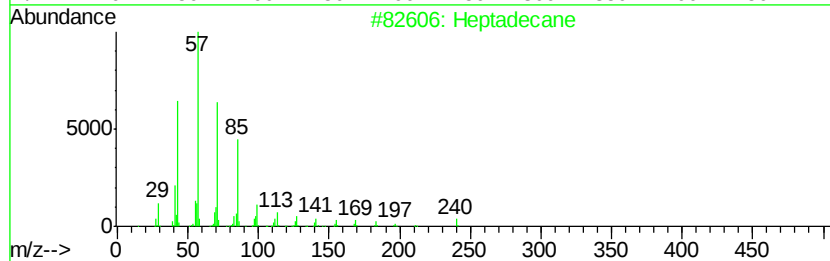
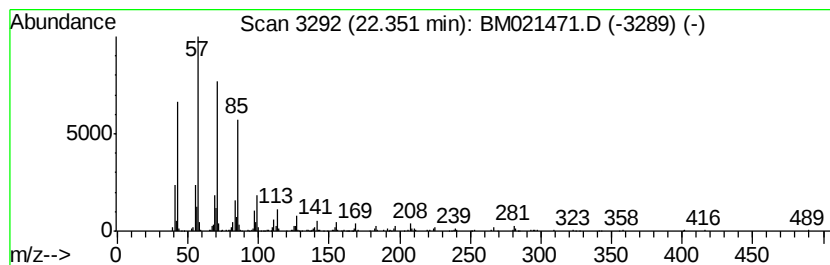
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	3.50 ng/ul	509734	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021471.D
Acq On : 16 Jul 2019 17:22
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52M8

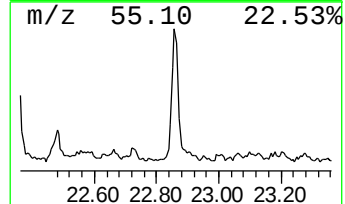
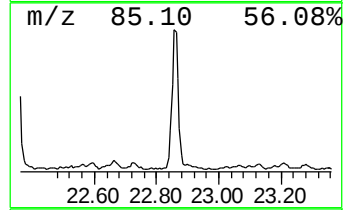
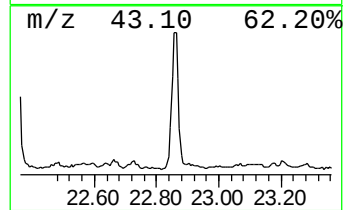
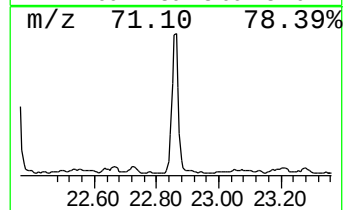
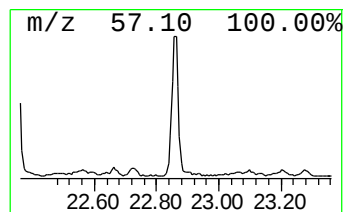
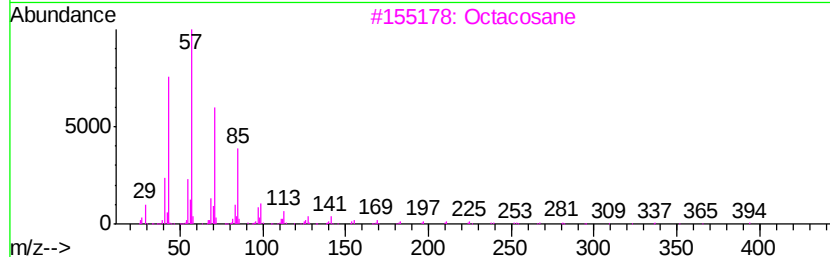
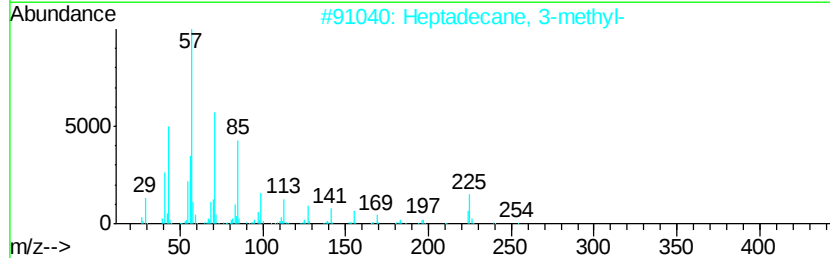
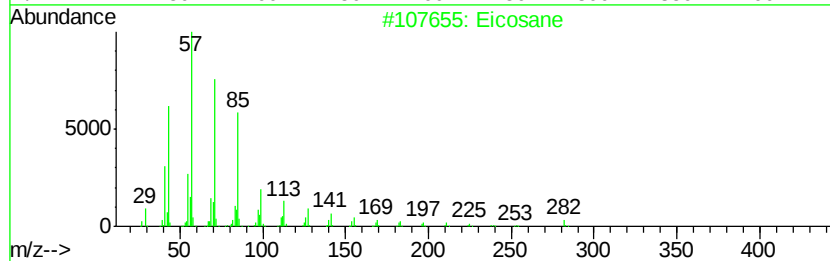
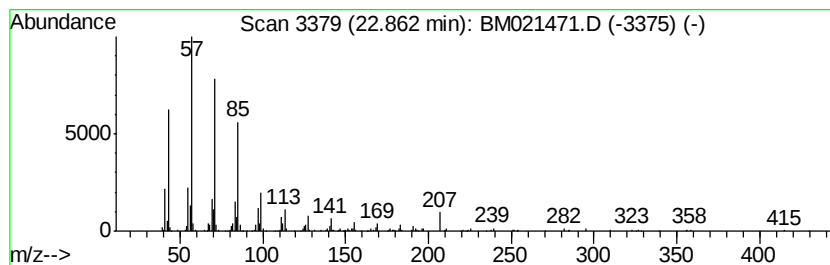
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	3.06 ng/ul	467696	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021471.D
Acq On : 16 Jul 2019 17:22
Operator : HP/JU
Sample : K3772-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52M8

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
n-Hexadecanoic acid	18.02	2.8	ng/ul	325352	4	17.12	2349990	20.0
(DEL) Alkane: Str...	21.02	3.9	ng/ul	572216	5	21.31	2915420	20.0
(DEL) Alkane: Str...	21.45	3.7	ng/ul	545468	5	21.31	2915420	20.0
(DEL) Alkane: Str...	21.89	3.5	ng/ul	513521	5	21.31	2915420	20.0
(DEL) Alkane: Str...	22.35	3.5	ng/ul	509734	5	21.31	2915420	20.0
(DEL) Alkane: Str...	22.86	3.1	ng/ul	467696	6	23.57	3052200	20.0