

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024046.D
 Acq On : 11 Dec 2019 22:39
 Operator : JU
 Sample : K6088-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BN5

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-BM112719MA.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	3.028	21	24	34	rVB	84589	128702	1.28%	0.110%
2	3.728	140	143	147	rBV3	15620	24883	0.25%	0.021%
3	6.663	636	642	656	rBV2	1575586	2976819	29.56%	2.555%
4	6.822	663	669	687	rVB	1289737	2107775	20.93%	1.809%
5	7.010	694	701	713	rBV	1701485	2702526	26.84%	2.319%
6	7.475	770	780	791	rBV	1518715	2515296	24.98%	2.159%
7	7.563	791	795	799	rVB2	16313	26649	0.26%	0.023%
8	8.192	895	902	913	rBV	2005353	3306005	32.83%	2.837%
9	8.628	968	976	990	rBV	1545956	2656864	26.39%	2.280%
10	8.810	1004	1007	1013	rVB7	11742	19971	0.20%	0.017%
11	9.069	1044	1051	1058	rBV	62376	96599	0.96%	0.083%
12	9.339	1089	1097	1116	rBV	1249645	2175984	21.61%	1.867%
13	9.875	1182	1188	1209	rBV	1923847	3484564	34.61%	2.990%
14	10.034	1213	1215	1221	rVB5	7454	13590	0.13%	0.012%
15	10.245	1242	1251	1260	rBV	2257834	3781860	37.56%	3.245%
16	10.392	1269	1276	1296	rBV	1724280	3219900	31.98%	2.763%
17	11.851	1519	1524	1534	rVB	29123	53036	0.53%	0.046%
18	12.486	1627	1632	1634	rBV5	8054	11545	0.11%	0.010%
19	12.616	1649	1654	1657	rVB5	8862	13824	0.14%	0.012%
20	12.745	1671	1676	1680	rBV3	13028	21801	0.22%	0.019%
21	12.975	1710	1715	1722	rBV7	13611	26065	0.26%	0.022%
22	13.045	1722	1727	1733	rBV5	19783	32356	0.32%	0.028%
23	13.369	1778	1782	1788	rBV7	6016	12298	0.12%	0.011%
24	13.557	1808	1814	1818	rBV	3894738	5338192	53.02%	4.581%
25	13.604	1818	1822	1833	rVV	1441094	1990814	19.77%	1.708%
26	13.822	1852	1859	1874	rBV	4678486	6780519	67.34%	5.819%
27	14.063	1896	1900	1904	rVB4	11208	12985	0.13%	0.011%
28	14.133	1905	1912	1923	rBV	3788422	5366987	53.30%	4.606%
29	14.363	1946	1951	1973	rBV	1078082	2147766	21.33%	1.843%
30	14.580	1984	1988	1998	rVB8	25952	55069	0.55%	0.047%
31	14.963	2049	2053	2060	rBV2	22985	38364	0.38%	0.033%
32	15.021	2060	2063	2067	rVB3	13278	18168	0.18%	0.016%
33	15.133	2076	2082	2097	rBV	5899275	8542479	84.84%	7.331%
34	15.280	2101	2107	2119	rBV	1496812	2205312	21.90%	1.893%

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35	15.374	2119	2123	2129	rVB	63657	101264	1.01%	0.087%
36	15.521	2145	2148	2154	rVB7	9097	16869	0.17%	0.014%
37	15.580	2154	2158	2165	rBV9	10980	19425	0.19%	0.017%
38	15.704	2175	2179	2181	rBV4	8485	11403	0.11%	0.010%
39	15.833	2194	2201	2206	rBV8	17005	26823	0.27%	0.023%
40	15.880	2206	2209	2212	rVV4	13894	19180	0.19%	0.016%
41	15.921	2212	2216	2223	rVB4	27932	47342	0.47%	0.041%
42	16.057	2233	2239	2244	rBV7	11133	19928	0.20%	0.017%
43	16.239	2265	2270	2273	rBV6	7723	12269	0.12%	0.011%
44	16.568	2322	2326	2331	rVB7	13199	19260	0.19%	0.017%
45	16.680	2340	2345	2352	rBV2	31046	56191	0.56%	0.048%
46	16.886	2374	2380	2390	rBV	4558310	6409566	63.66%	5.500%
47	16.986	2391	2397	2413	rVV2	6392953	9022261	89.61%	7.743%
48	17.304	2448	2451	2457	rVB8	14145	22731	0.23%	0.020%
49	17.421	2467	2471	2473	rBV5	11422	14431	0.14%	0.012%
50	17.686	2514	2516	2523	rVB8	8517	14593	0.14%	0.013%
51	17.815	2533	2538	2548	rBV	513210	850150	8.44%	0.730%
52	18.109	2585	2588	2593	rBV4	23038	26083	0.26%	0.022%
53	18.245	2608	2611	2613	rBV4	17015	19011	0.19%	0.016%
54	18.751	2693	2697	2703	rBV2	50573	78623	0.78%	0.067%
55	18.927	2723	2727	2731	rBV	70083	96018	0.95%	0.082%
56	19.104	2753	2757	2765	rBV	139456	222732	2.21%	0.191%
57	19.180	2766	2770	2775	rVB	69896	99622	0.99%	0.085%
58	19.292	2783	2789	2801	rBV	7374095	10068773	100.00%	8.641%
59	19.845	2880	2883	2886	rBV3	48226	70772	0.70%	0.061%
60	20.250	2949	2952	2956	rBV3	61818	72829	0.72%	0.062%
61	20.833	3047	3051	3064	rBV	2057056	3157371	31.36%	2.710%
62	21.098	3091	3096	3110	rBV	4894022	6348497	63.05%	5.448%
63	21.280	3123	3127	3132	rBV	241127	315704	3.14%	0.271%
64	21.697	3195	3198	3206	rBV2	360112	524819	5.21%	0.450%
65	22.139	3270	3273	3278	rVB	512265	583343	5.79%	0.501%
66	22.256	3290	3293	3299	rVB	389822	454937	4.52%	0.390%
67	22.621	3351	3355	3359	rVB	599318	773795	7.69%	0.664%
68	23.103	3430	3437	3442	rBV	4325034	7707819	76.55%	6.615%
69	23.156	3442	3446	3452	rVV	640775	1026869	10.20%	0.881%
70	23.233	3453	3459	3471	rVB	3072074	5438404	54.01%	4.667%
71	23.762	3545	3549	3555	rVB	524253	851813	8.46%	0.731%

LSC Area Percent Report

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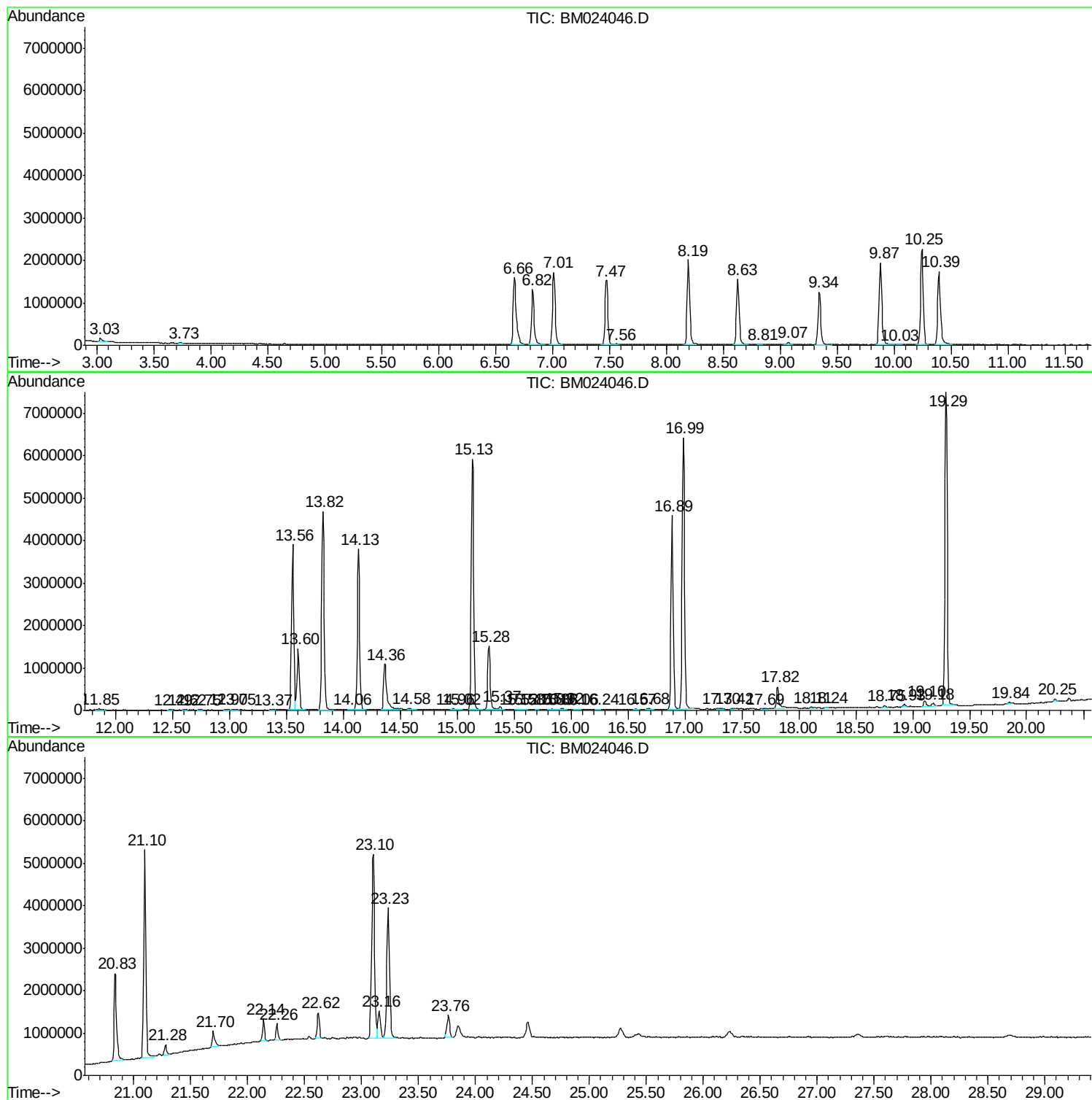
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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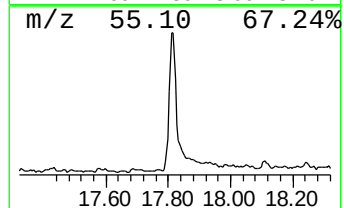
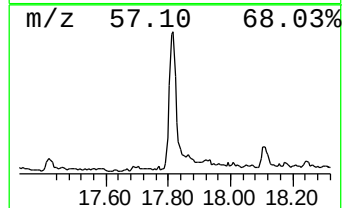
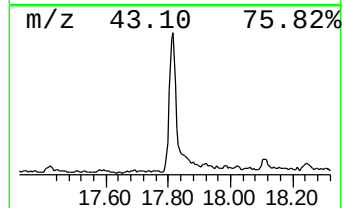
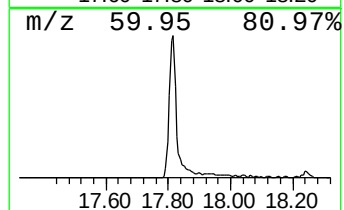
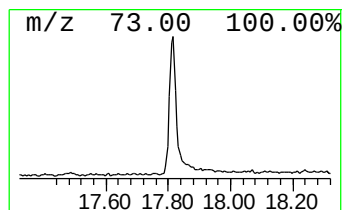
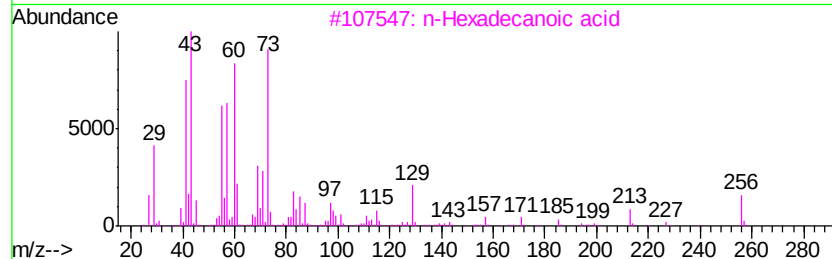
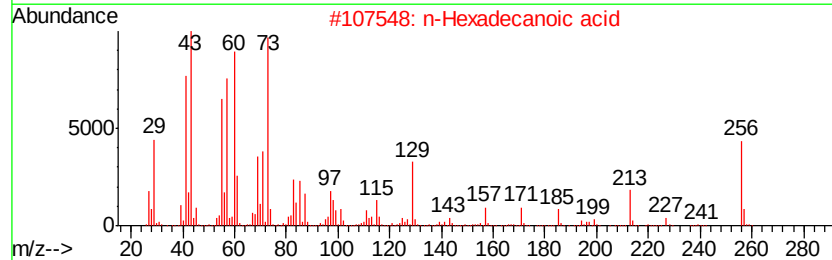
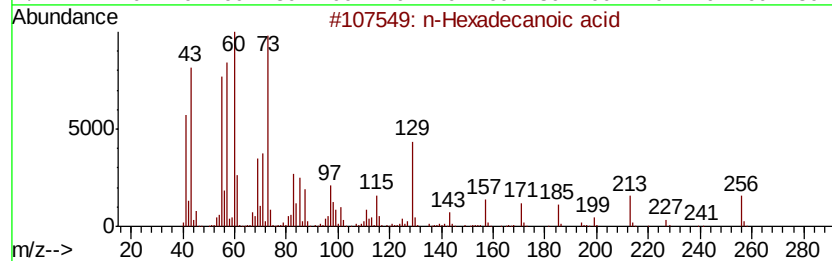
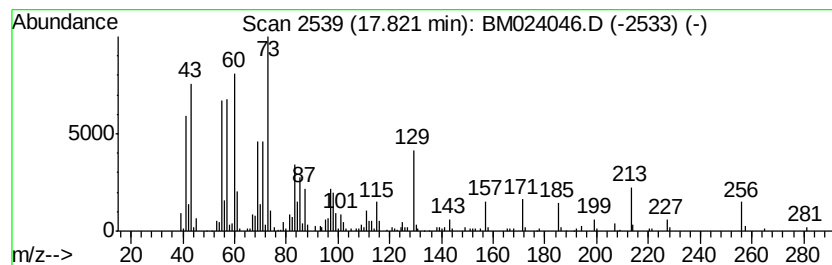
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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.
17.82	2.65 ng/ul	850150	Phenanthrene-d10	16.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70	



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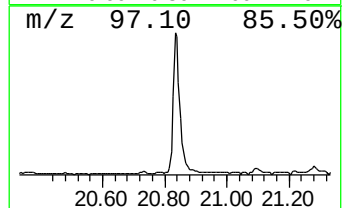
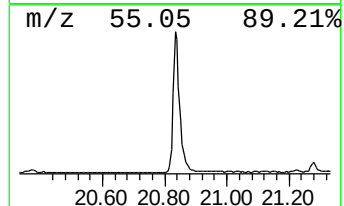
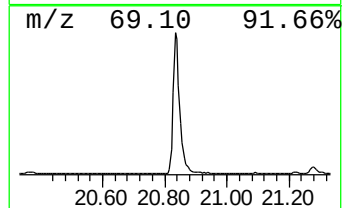
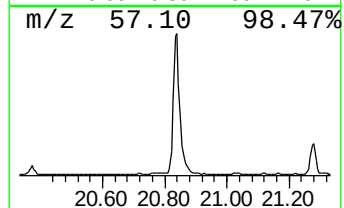
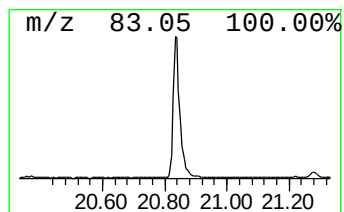
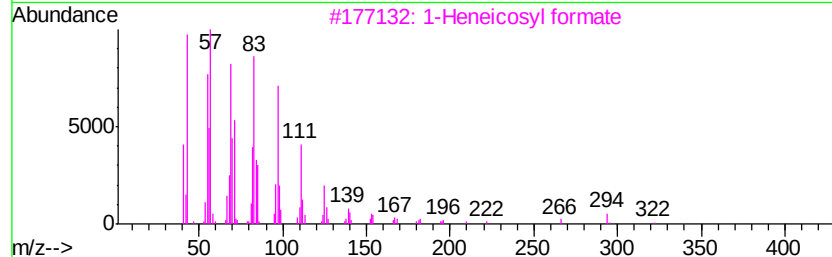
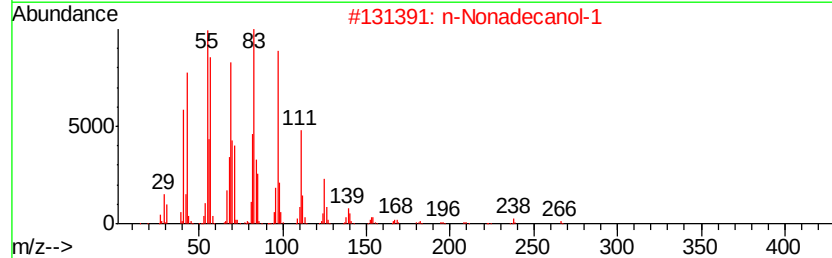
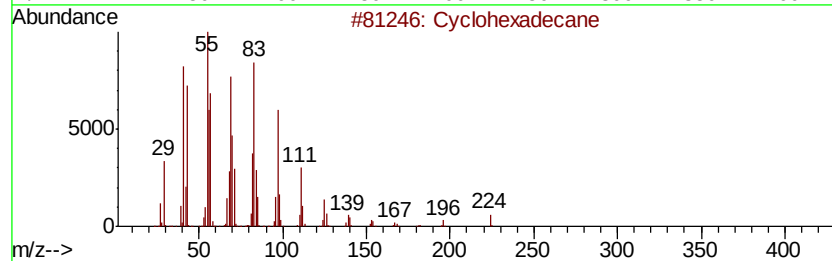
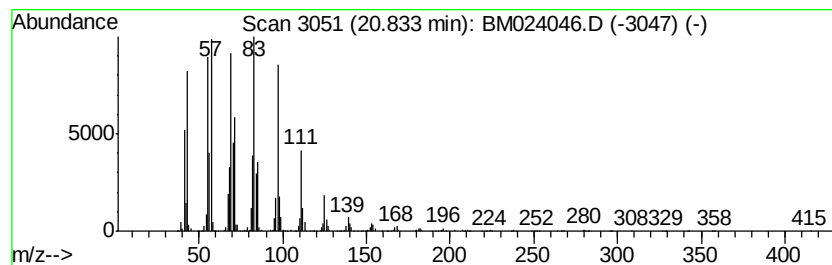
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	9.95 ng/ul	3157370	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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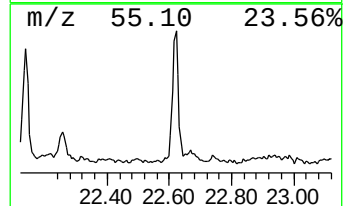
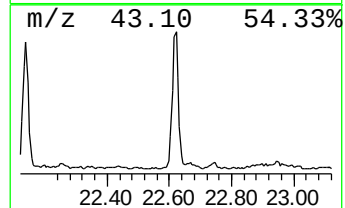
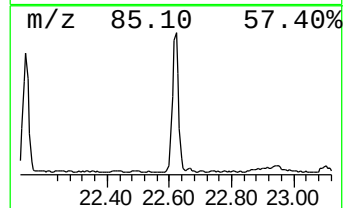
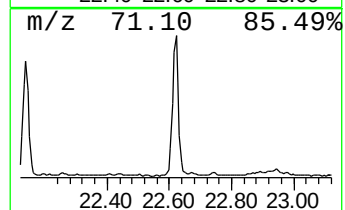
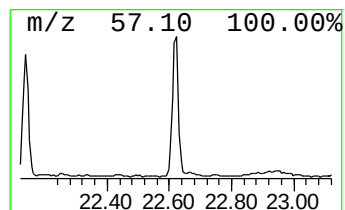
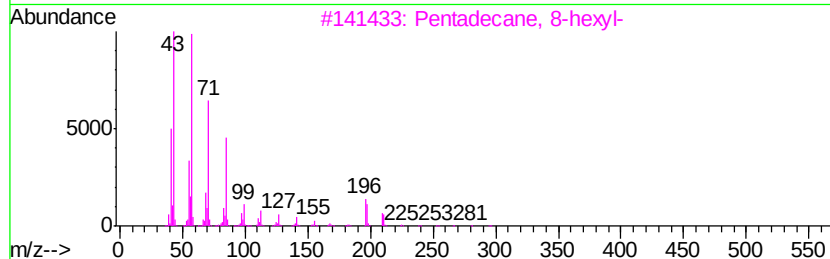
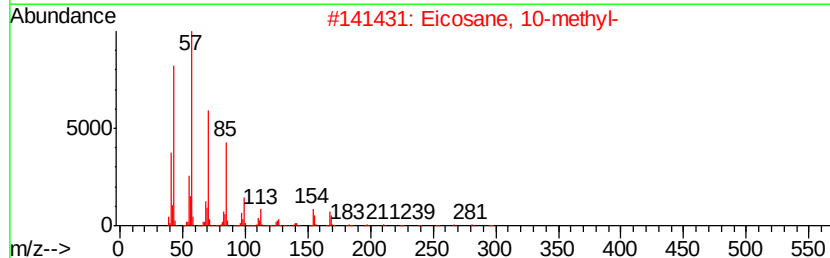
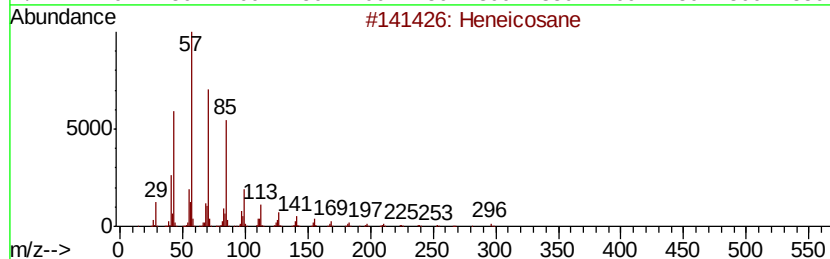
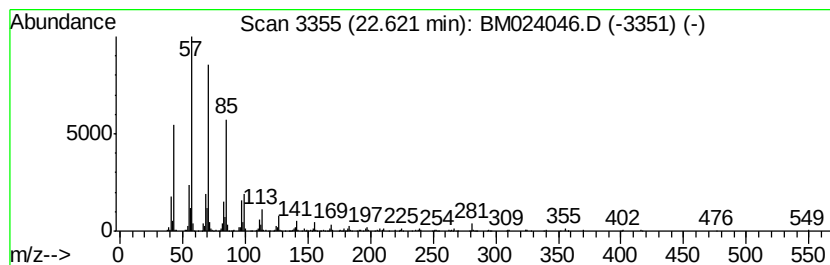
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.85 ng/ul	773795	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Heneicosane	296	C21H44	000629-94-7	92
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



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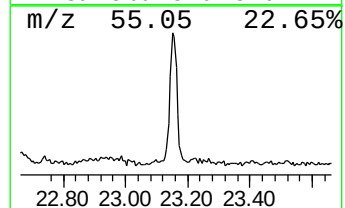
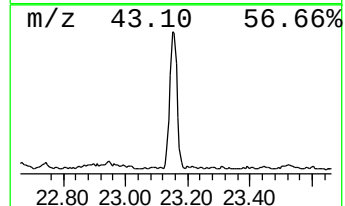
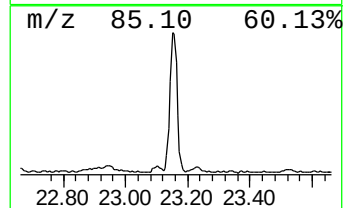
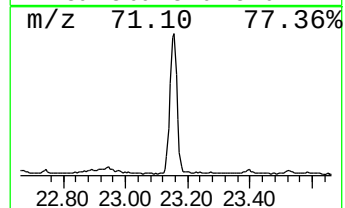
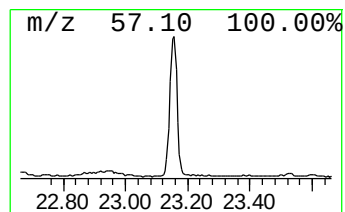
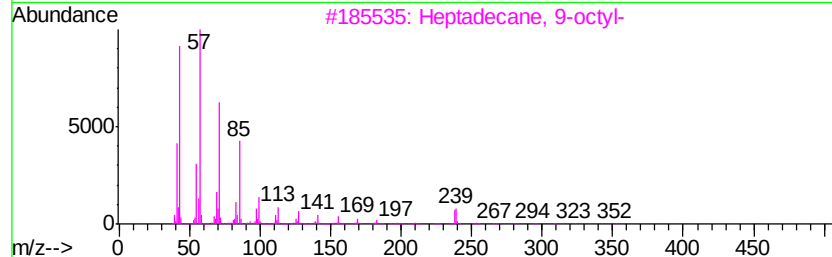
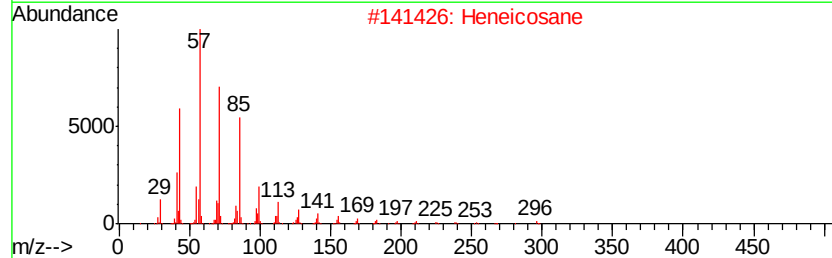
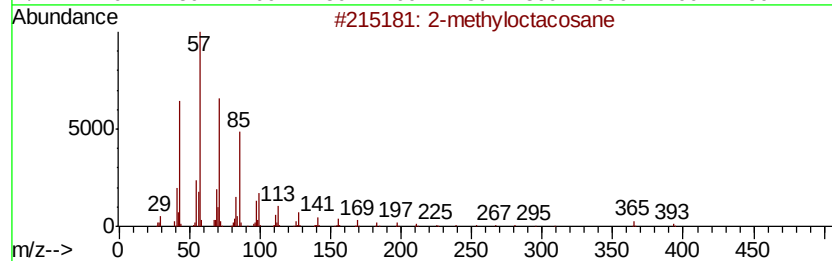
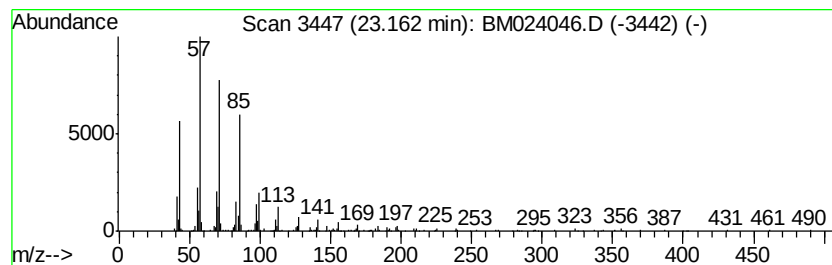
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.78 ng/ul	1026870	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Docosane	310	C22H46	000629-97-0	87



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Acq On : 11 Dec 2019 22:39
Operator : JU
Sample : K6088-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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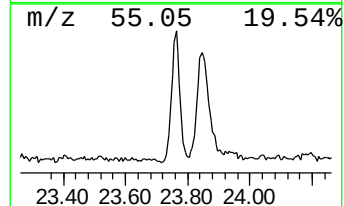
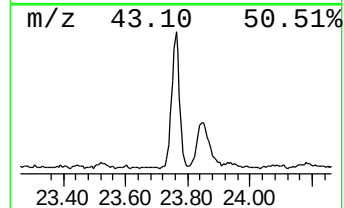
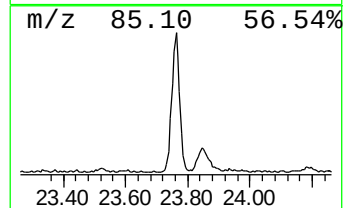
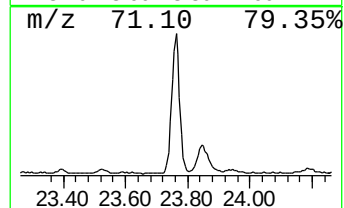
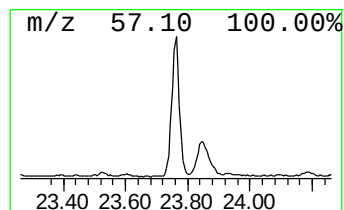
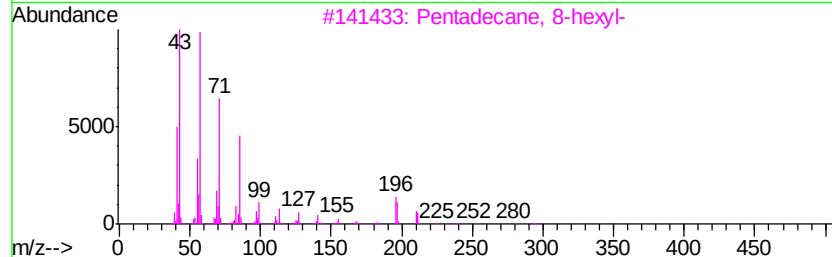
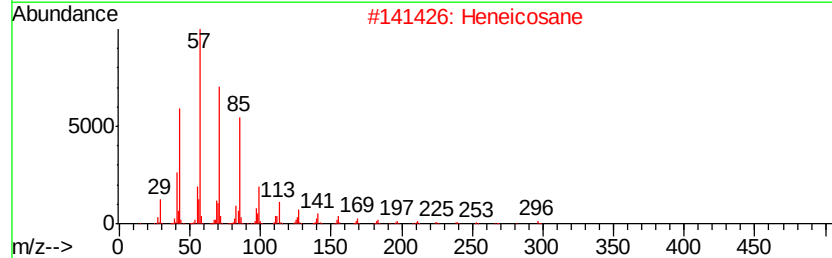
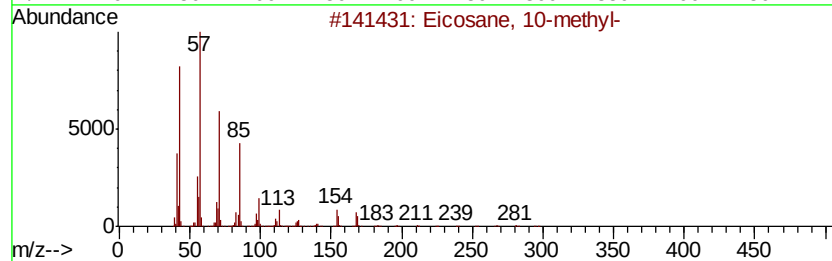
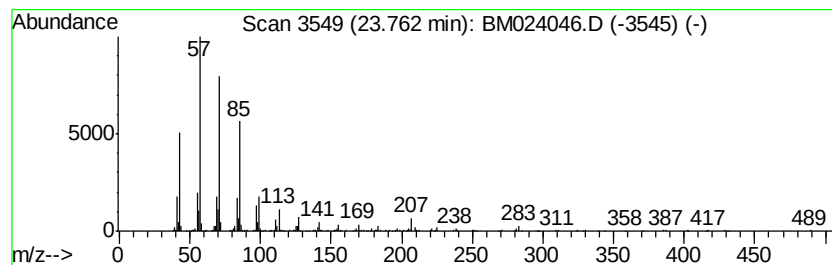
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\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.
23.76	3.13 ng/ul	851813	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121119\
Data File : BM024046.D
Acq On : 11 Dec 2019 22:39
Operator : JU
Sample : K6088-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.82	2.6	ng/ul	850150	4	16.89	6409570	20.0
(DEL) Alkane: Cyc...	20.83	9.9	ng/ul	3157370	5	21.10	6348500	20.0
(DEL) Alkane: Str...	22.62	2.9	ng/ul	773795	6	23.23	5438400	20.0
(DEL) Alkane: Str...	23.16	3.8	ng/ul	1026870	6	23.23	5438400	20.0
(DEL) Alkane: Str...	23.76	3.1	ng/ul	851813	6	23.23	5438400	20.0