

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024047.D
 Acq On : 11 Dec 2019 23:15
 Operator : JU
 Sample : K6088-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BN6

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	3.034	22	25	35	rVB	47708	90887	1.41%	0.113%
2	3.646	124	129	137	rVV	46775	78048	1.21%	0.097%
3	3.728	140	143	150	rVB2	24325	37376	0.58%	0.047%
4	4.634	294	297	305	rBV	46534	78258	1.21%	0.097%
5	5.146	380	384	387	rBV4	11087	18948	0.29%	0.024%
6	5.216	395	396	400	rBV4	5286	7602	0.12%	0.009%
7	5.510	444	446	455	rVB7	9732	15664	0.24%	0.019%
8	6.581	620	628	633	rBV7	9540	19201	0.30%	0.024%
9	6.663	635	642	657	rBV2	885621	1720043	26.63%	2.140%
10	6.822	664	669	681	rBV	695548	1184045	18.33%	1.473%
11	7.010	695	701	716	rBV	961279	1556769	24.11%	1.937%
12	7.116	716	719	724	rVB5	9419	17457	0.27%	0.022%
13	7.475	773	780	790	rBV	1287009	2114581	32.74%	2.631%
14	7.557	790	794	806	rVB6	17638	42254	0.65%	0.053%
15	8.192	895	902	914	rVV	1051898	1790526	27.73%	2.228%
16	8.310	918	922	931	rVB	28412	48891	0.76%	0.061%
17	8.569	963	966	969	rVB5	4299	6585	0.10%	0.008%
18	8.628	969	976	990	rBV	856015	1494119	23.14%	1.859%
19	8.810	1006	1007	1012	rVB4	7677	7288	0.11%	0.009%
20	9.069	1047	1051	1058	rVB2	35511	57466	0.89%	0.071%
21	9.345	1089	1098	1109	rBV	680902	1201215	18.60%	1.495%
22	9.716	1158	1161	1168	rVB6	4611	8013	0.12%	0.010%
23	9.881	1182	1189	1207	rBV	1092771	1948885	30.18%	2.425%
24	10.028	1212	1214	1222	rVB8	6133	12583	0.19%	0.016%
25	10.245	1243	1251	1263	rBV	1912015	3199679	49.55%	3.981%
26	10.392	1269	1276	1295	rBV	892034	1786956	27.67%	2.223%
27	11.457	1449	1457	1459	rBV8	4864	9035	0.14%	0.011%
28	11.557	1471	1474	1480	rVB6	5653	6687	0.10%	0.008%
29	11.851	1519	1524	1531	rVB	16662	29817	0.46%	0.037%
30	12.486	1622	1632	1639	rBV9	9562	23868	0.37%	0.030%
31	12.616	1647	1654	1657	rBV5	9434	14530	0.22%	0.018%
32	12.745	1670	1676	1682	rVV5	12077	20739	0.32%	0.026%
33	12.975	1710	1715	1720	rBV7	10604	19880	0.31%	0.025%
34	13.045	1723	1727	1731	rVV7	5592	10670	0.17%	0.013%

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35	13.557	1807	1814	1818	rBV	2375711	3245404	50.26%	4.038%
36	13.604	1818	1822	1832	rVV	832543	1172271	18.15%	1.459%
37	13.680	1833	1835	1840	rVB4	8767	9225	0.14%	0.011%
38	13.822	1852	1859	1873	rBV	2644488	3890848	60.25%	4.841%
39	14.063	1895	1900	1905	rBV4	9005	12712	0.20%	0.016%
40	14.133	1905	1912	1928	rVV	3174308	4611975	71.42%	5.738%
41	14.369	1946	1952	1968	rBV	509711	1120859	17.36%	1.395%
42	14.580	1983	1988	1999	rVB2	83733	148383	2.30%	0.185%
43	14.680	2002	2005	2013	rVB9	7590	14078	0.22%	0.018%
44	14.963	2049	2053	2059	rBV2	16281	36352	0.56%	0.045%
45	15.021	2059	2063	2068	rVB5	13111	17509	0.27%	0.022%
46	15.133	2076	2082	2097	rBV	3547196	5125305	79.37%	6.377%
47	15.280	2101	2107	2119	rBV	863587	1261113	19.53%	1.569%
48	15.374	2119	2123	2129	rVB	39610	59457	0.92%	0.074%
49	15.527	2147	2149	2154	rVB5	6995	8179	0.13%	0.010%
50	15.574	2154	2157	2161	rBV5	8674	12934	0.20%	0.016%
51	15.716	2176	2181	2186	rBV7	8603	17809	0.28%	0.022%
52	15.833	2197	2201	2203	rVV4	8652	10158	0.16%	0.013%
53	15.886	2207	2210	2213	rVV5	15323	21077	0.33%	0.026%
54	15.921	2213	2216	2221	rVV6	15172	26052	0.40%	0.032%
55	16.057	2234	2239	2243	rVB8	11264	15265	0.24%	0.019%
56	16.321	2281	2284	2290	rBV8	12274	19524	0.30%	0.024%
57	16.451	2302	2306	2310	rBV6	15258	26270	0.41%	0.033%
58	16.680	2340	2345	2349	rBV2	29784	48971	0.76%	0.061%
59	16.845	2369	2373	2374	rBV3	5415	6988	0.11%	0.009%
60	16.886	2374	2380	2390	rVV	4000389	5505956	85.26%	6.850%
61	16.986	2391	2397	2412	rVV	3937391	5553504	86.00%	6.909%
62	17.198	2431	2433	2435	rBV3	9124	8810	0.14%	0.011%
63	17.304	2446	2451	2454	rBV4	8670	13270	0.21%	0.017%
64	17.415	2467	2470	2477	rVB5	11280	15537	0.24%	0.019%
65	17.680	2510	2515	2519	rBV6	19552	33808	0.52%	0.042%
66	17.768	2528	2530	2532	rBV3	5510	6697	0.10%	0.008%
67	17.809	2532	2537	2546	rBV	416985	642864	9.95%	0.800%
68	18.109	2584	2588	2592	rBV4	21335	29876	0.46%	0.037%
69	18.245	2607	2611	2615	rBV4	34272	43084	0.67%	0.054%
70	18.751	2694	2697	2701	rBV2	28127	37110	0.57%	0.046%
71	18.927	2723	2727	2730	rBV2	46953	62365	0.97%	0.078%

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72	19.104	2753	2757	2764	rBV3	121064	196973	3.05%	0.245%
73	19.180	2767	2770	2777	rVB	49708	72904	1.13%	0.091%
74	19.292	2783	2789	2801	rBV	4764076	6457861	100.00%	8.035%
75	20.833	3047	3051	3065	rBV	1026225	1690316	26.17%	2.103%
76	21.092	3090	3095	3105	rBV	3959041	5408988	83.76%	6.730%
77	21.274	3124	3126	3130	rBV2	144328	144376	2.24%	0.180%
78	21.697	3195	3198	3204	rBV	229772	322037	4.99%	0.401%
79	22.139	3270	3273	3278	rVB	342759	392575	6.08%	0.488%
80	22.256	3289	3293	3299	rVB	2045510	2415292	37.40%	3.005%
81	22.621	3351	3355	3360	rVB	413669	549295	8.51%	0.683%
82	23.097	3430	3436	3442	rBV	2747283	4956047	76.74%	6.166%
83	23.150	3442	3445	3452	rVV	494998	763346	11.82%	0.950%
84	23.233	3453	3459	3471	rVB	2654085	4746315	73.50%	5.905%
85	23.762	3545	3549	3556	rVB	392554	688566	10.66%	0.857%

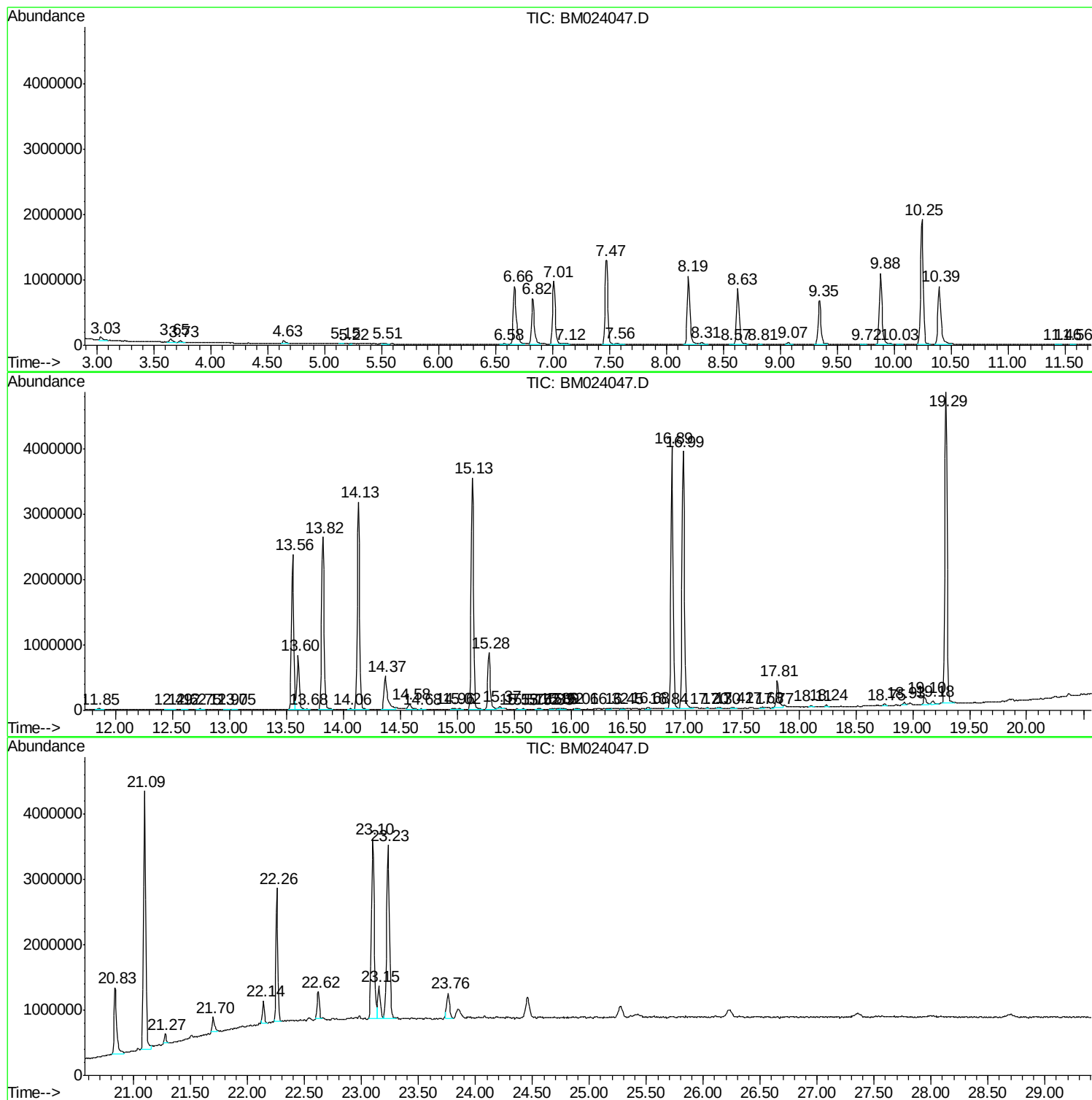
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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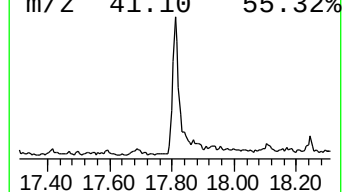
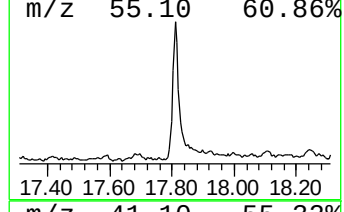
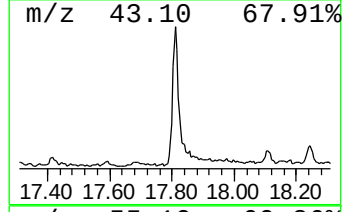
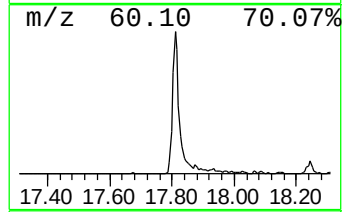
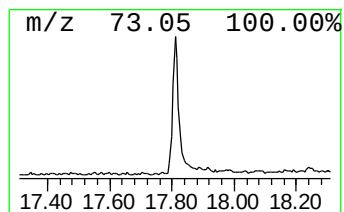
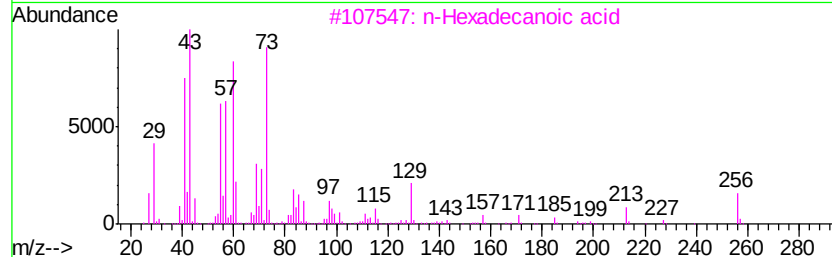
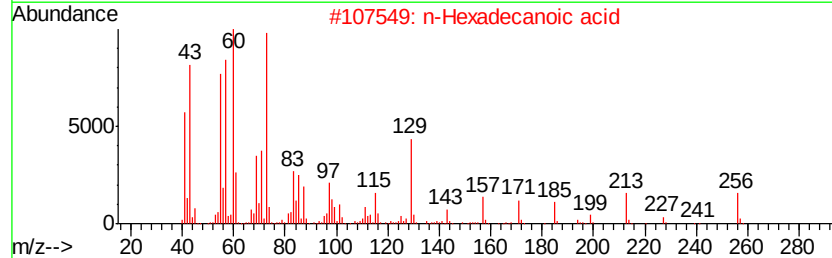
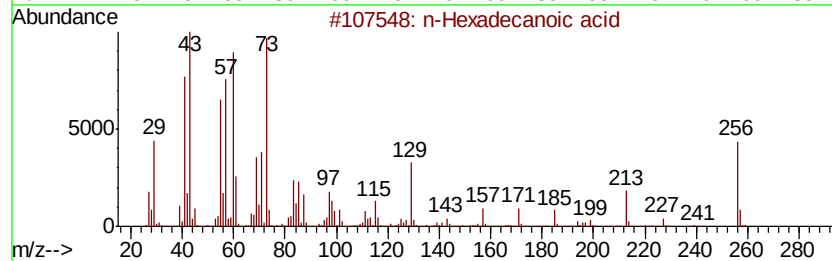
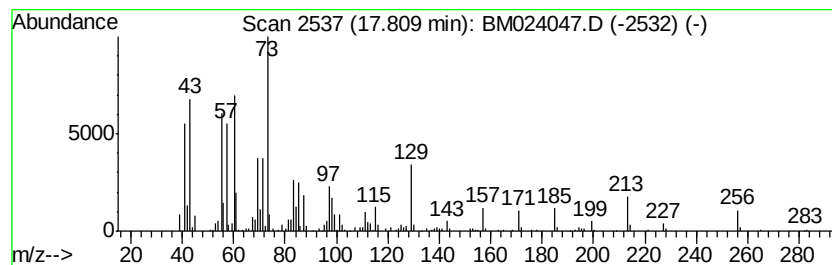
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.34 ng/ul	642864	Phenanthrene-d10	16.89

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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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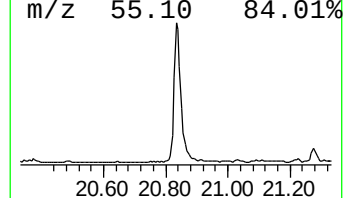
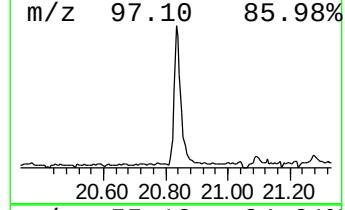
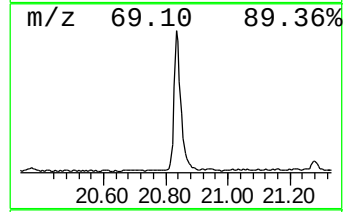
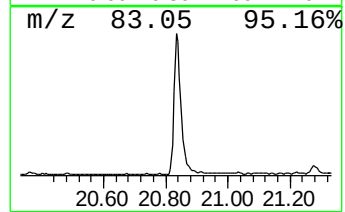
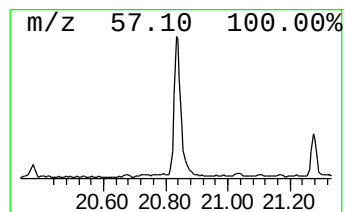
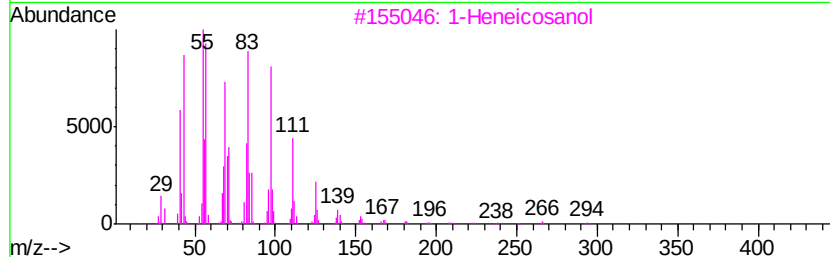
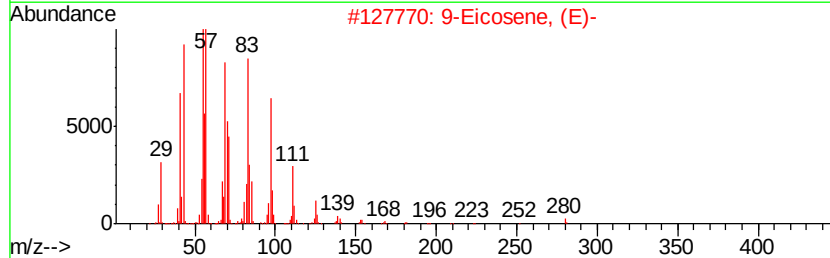
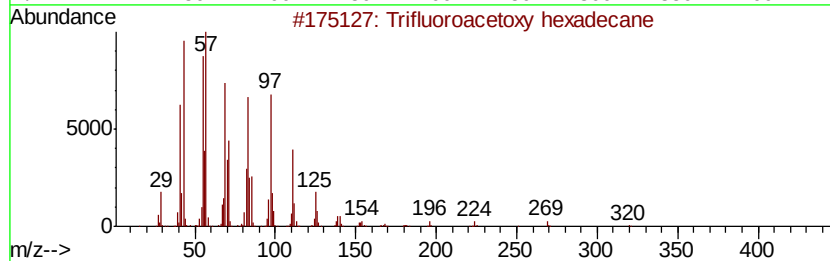
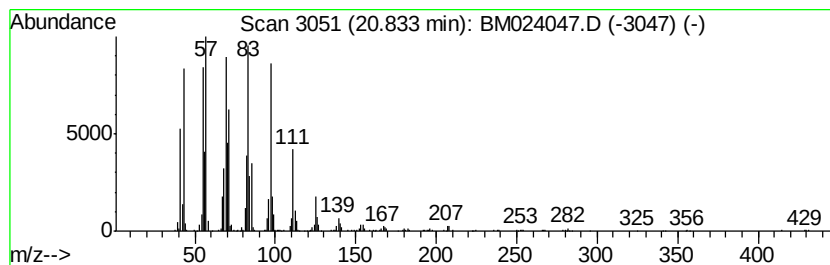
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.83	6.25 ng/ul	1690320	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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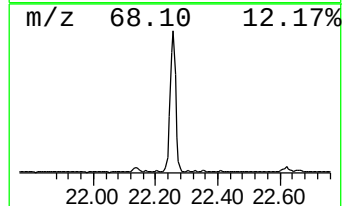
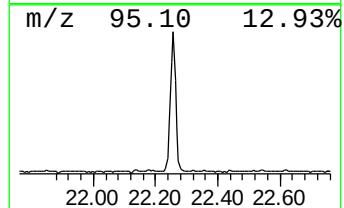
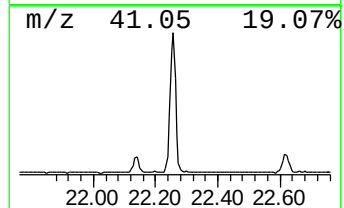
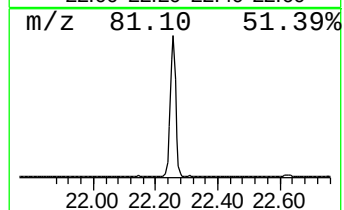
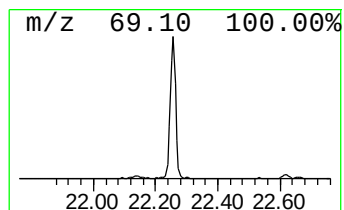
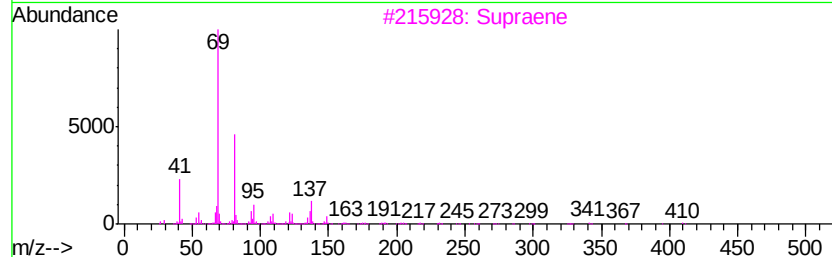
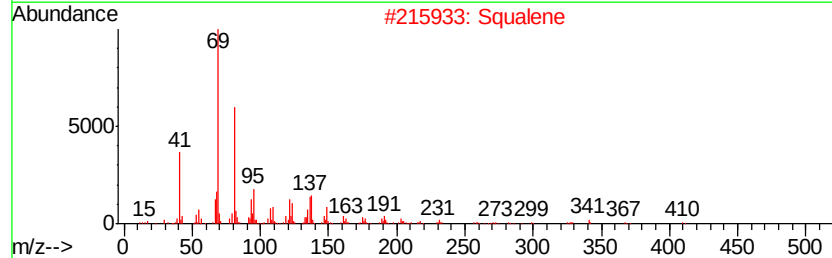
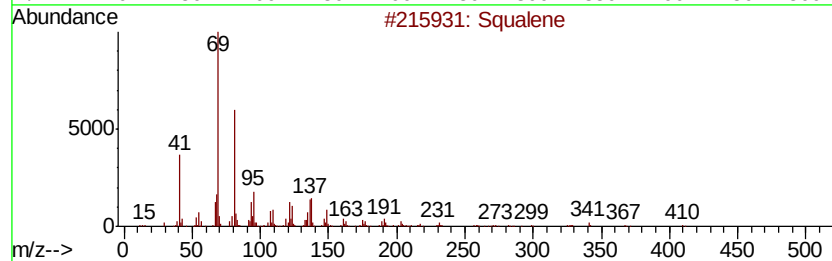
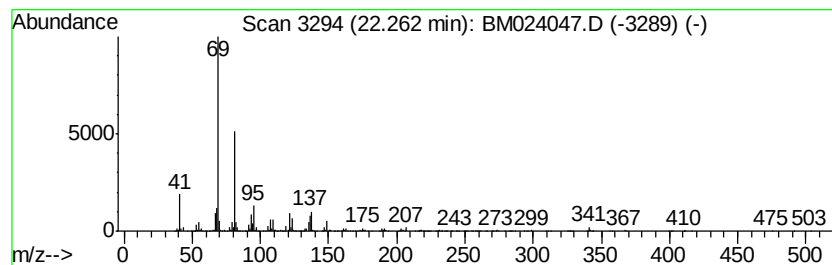
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Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	10.18 ng/ul	2415290	Perylene-d12	23.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	95
2	Squalene	410 C30H50	000111-02-4	95
3	Supraene	410 C30H50	007683-64-9	91
4	Squalene	410 C30H50	000111-02-4	91
5	Farnesol isomer a	222 C15H26O	1000108-92-4	64



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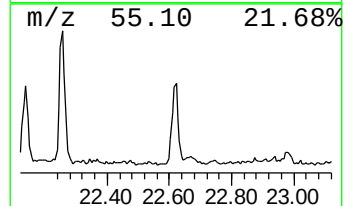
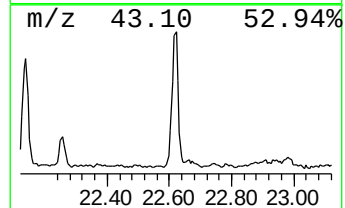
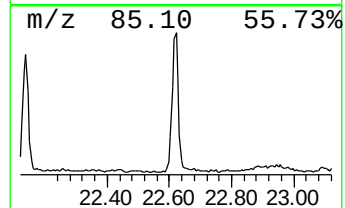
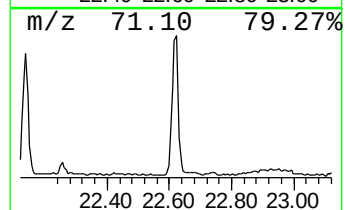
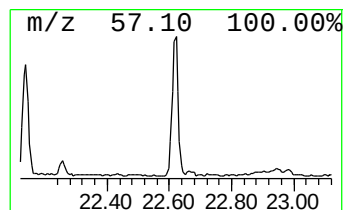
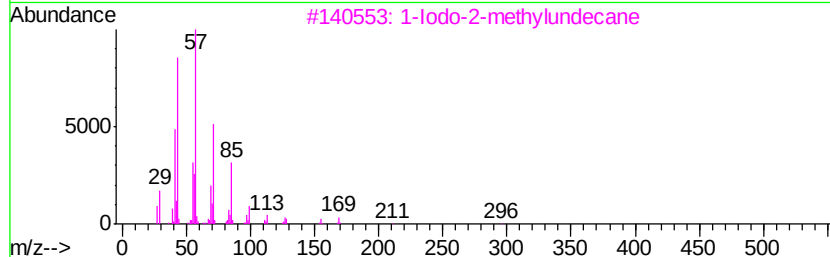
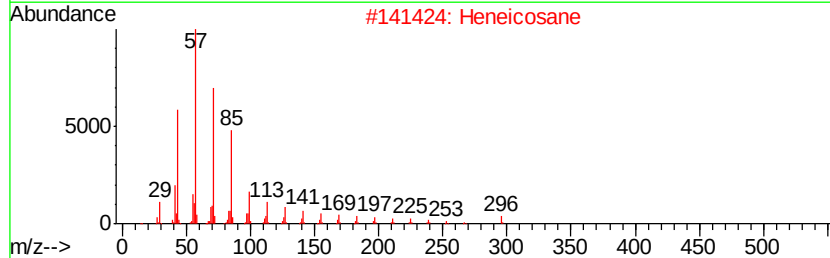
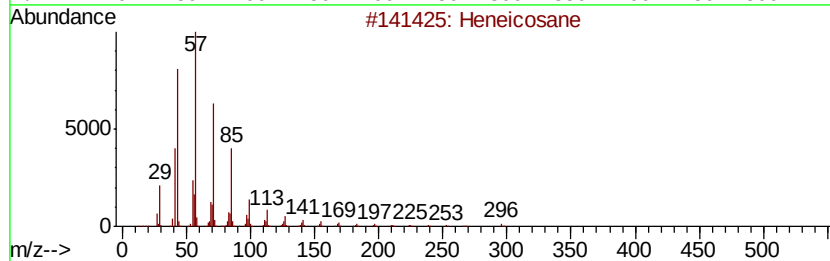
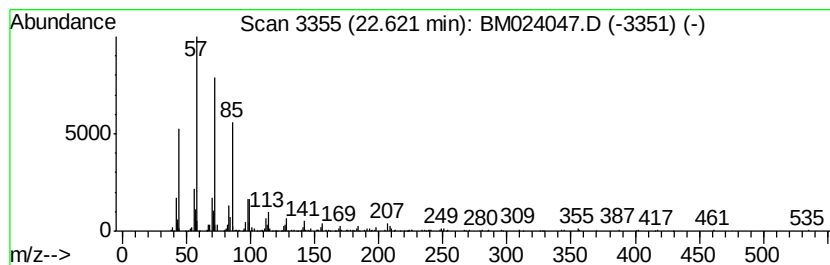
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.31 ng/ul	549295	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024047.D
Acq On : 11 Dec 2019 23:15
Operator : JU
Sample : K6088-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN6

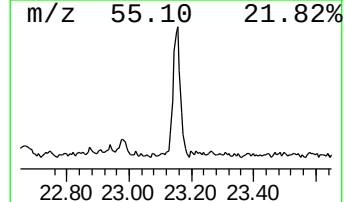
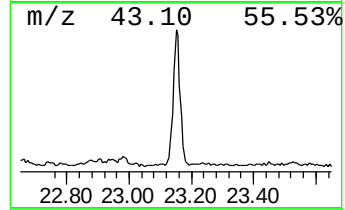
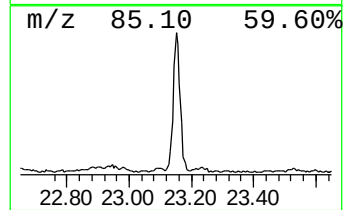
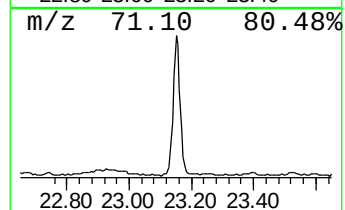
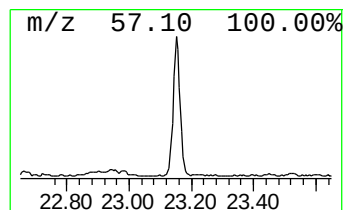
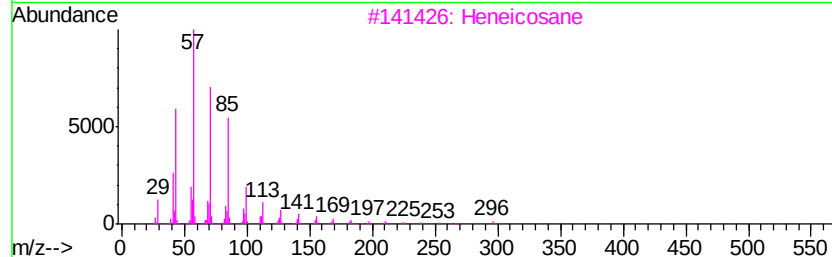
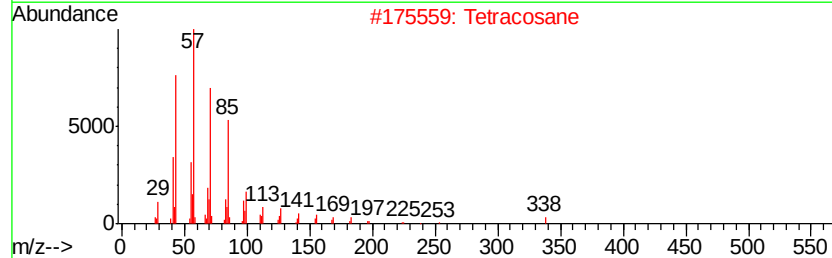
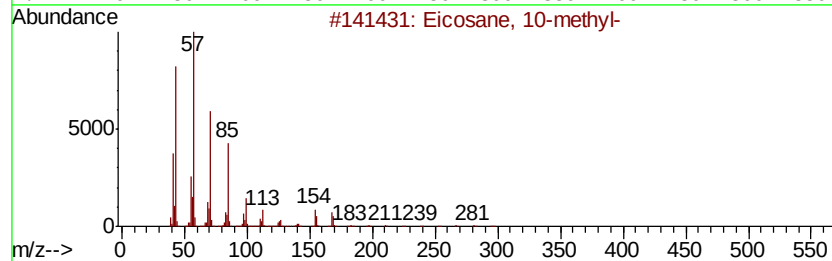
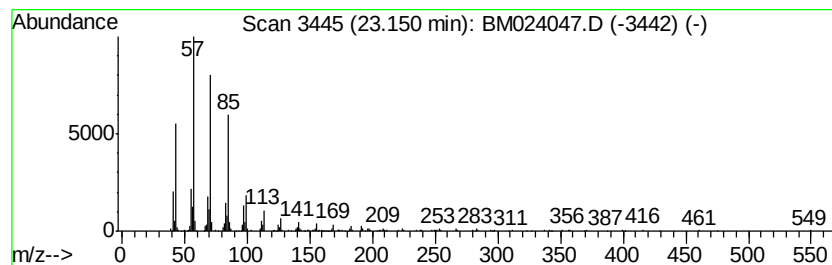
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Quant Title : SVOA CALIBRATION

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.
23.15	3.22 ng/ul	763346	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024047.D
Acq On : 11 Dec 2019 23:15
Operator : JU
Sample : K6088-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN6

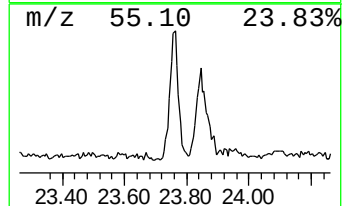
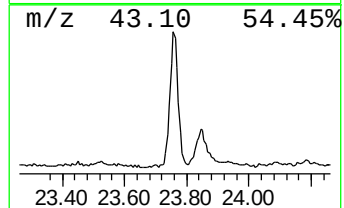
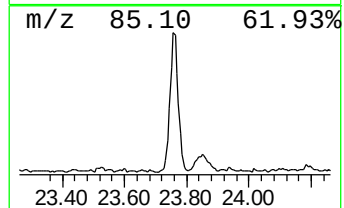
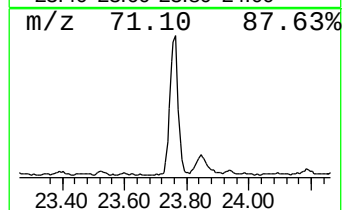
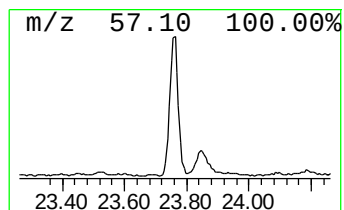
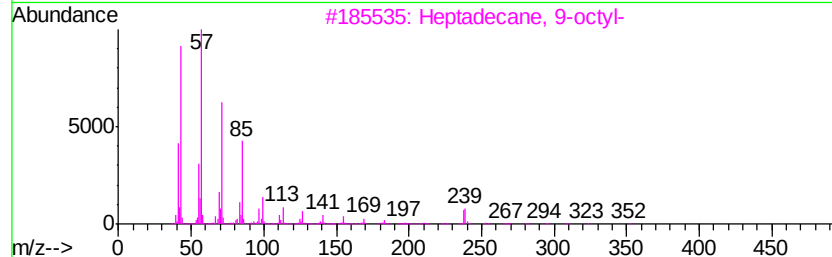
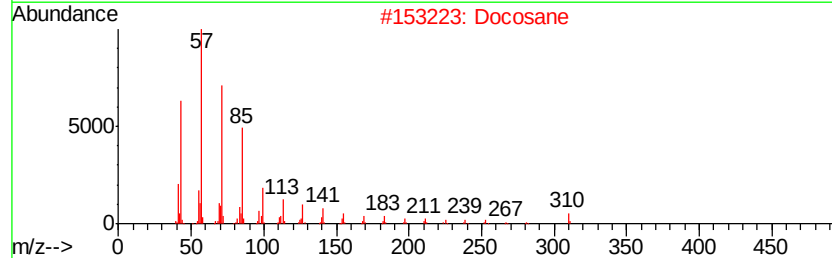
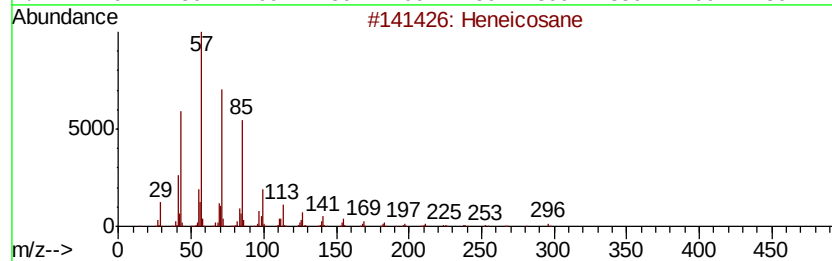
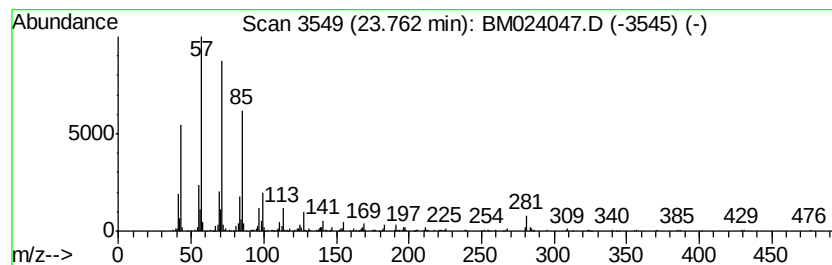
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.90 ng/ul	688566	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane	310	C22H46	000629-97-0	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121119\
Data File : BM024047.D
Acq On : 11 Dec 2019 23:15
Operator : JU
Sample : K6088-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN6

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	17.81	2.3	ng/ul	642864	4	16.89	5505960	20.0
Trifluoroacetoxy ...	20.83	6.3	ng/ul	1690320	5	21.09	5408990	20.0
Squalene	22.26	10.2	ng/ul	2415290	6	23.23	4746320	20.0
(DEL) Alkane: Str...	22.62	2.3	ng/ul	549295	6	23.23	4746320	20.0
(DEL) Alkane: Str...	23.15	3.2	ng/ul	763346	6	23.23	4746320	20.0
(DEL) Alkane: Str...	23.76	2.9	ng/ul	688566	6	23.23	4746320	20.0