

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008556.D
 Acq On : 14 Nov 2019 14:55
 Operator : JU
 Sample : K5656-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5453

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_N\METHODS\SOM-EPA-BN111319MA.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	3.216	35	39	50	rVB	102184	149753	1.77%	0.165%
2	3.840	142	145	150	rVB3	19197	29242	0.35%	0.032%
3	3.922	155	159	163	rBV2	17862	22888	0.27%	0.025%
4	4.816	307	311	317	rBV6	13370	22008	0.26%	0.024%
5	5.981	505	509	514	rVB7	6072	9087	0.11%	0.010%
6	6.810	644	650	664	rVB2	378820	760939	8.99%	0.839%
7	6.969	670	677	686	rBV	1015163	1585618	18.74%	1.749%
8	7.169	702	711	720	rBV	1210154	1917723	22.67%	2.116%
9	7.628	782	789	798	rVB	1504720	2325026	27.48%	2.565%
10	7.710	798	803	808	rVB5	14902	22879	0.27%	0.025%
11	8.334	901	909	921	rBV	963704	1572365	18.59%	1.735%
12	8.763	976	982	993	rBV	1406973	2299023	27.17%	2.536%
13	9.263	1062	1067	1071	rVV2	15198	25186	0.30%	0.028%
14	9.481	1097	1104	1116	rBV	1177213	1925473	22.76%	2.124%
15	9.957	1178	1185	1187	rBV8	4277	8538	0.10%	0.009%
16	10.022	1187	1196	1205	rBV	1762304	2883236	34.08%	3.181%
17	10.392	1252	1259	1266	rBV	2001670	3395643	40.14%	3.746%
18	10.528	1274	1282	1288	rBV2	136159	241930	2.86%	0.267%
19	10.698	1306	1311	1317	rBV3	28066	44166	0.52%	0.049%
20	11.986	1524	1530	1535	rBV3	31071	51890	0.61%	0.057%
21	12.628	1635	1639	1643	rVB5	7024	9047	0.11%	0.010%
22	13.675	1810	1817	1822	rVV	3325062	4537090	53.63%	5.005%
23	13.722	1822	1825	1833	rVB	272082	357479	4.23%	0.394%
24	13.822	1838	1842	1845	rVB5	11523	14236	0.17%	0.016%
25	13.945	1855	1863	1871	rBV2	3602539	5295235	62.59%	5.842%
26	14.198	1903	1906	1909	rBV4	9405	11228	0.13%	0.012%
27	14.257	1909	1916	1923	rBV	3082210	4511208	53.32%	4.977%
28	14.457	1942	1950	1955	rBV	393333	582378	6.88%	0.642%
29	14.680	1985	1988	1992	rBV6	17492	27123	0.32%	0.030%
30	15.092	2053	2058	2061	rBV5	10587	10703	0.13%	0.012%
31	15.157	2066	2069	2072	rVB4	12180	14072	0.17%	0.016%
32	15.257	2079	2086	2094	rBV	4462577	6444971	76.18%	7.110%
33	15.369	2098	2105	2114	rBV	1388937	1892400	22.37%	2.088%
34	15.498	2122	2127	2133	rBV2	56630	85784	1.01%	0.095%

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35	15.551	2134	2136	2142	rVB7	6934	11400	0.13%	0.013%
36	16.039	2213	2219	2223	rBV9	20521	40020	0.47%	0.044%
37	16.239	2251	2253	2257	rBV4	5646	8872	0.10%	0.010%
38	16.692	2325	2330	2334	rVB8	12405	22555	0.27%	0.025%
39	16.786	2342	2346	2349	rBV2	36678	43779	0.52%	0.048%
40	17.004	2376	2383	2390	rBV	3623661	5179655	61.22%	5.714%
41	17.104	2393	2400	2407	rVV	5175553	7420085	87.70%	8.186%
42	17.157	2407	2409	2413	rVV5	14895	15455	0.18%	0.017%
43	17.204	2414	2417	2419	rVV3	30310	37833	0.45%	0.042%
44	17.233	2420	2422	2427	rVB5	31535	45729	0.54%	0.050%
45	17.927	2536	2540	2548	rBV9	41891	81465	0.96%	0.090%
46	17.986	2548	2550	2554	rVV5	11123	11509	0.14%	0.013%
47	18.204	2584	2587	2589	rBV4	17197	22660	0.27%	0.025%
48	19.033	2724	2728	2732	rBV	73694	93858	1.11%	0.104%
49	19.163	2747	2750	2755	rVB7	31765	45585	0.54%	0.050%
50	19.286	2767	2771	2777	rBV2	57938	85482	1.01%	0.094%
51	19.404	2784	2791	2799	rBV	6087252	8460344	100.00%	9.334%
52	20.951	3051	3054	3059	rBV3	366251	494382	5.84%	0.545%
53	20.998	3059	3062	3068	rVB	198480	242922	2.87%	0.268%
54	21.204	3092	3097	3102	rBV	4416961	5325917	62.95%	5.876%
55	21.404	3129	3131	3135	rVB2	234347	238179	2.82%	0.263%
56	21.839	3202	3205	3209	rVB	406254	456789	5.40%	0.504%
57	22.080	3243	3246	3252	rVB	425582	491233	5.81%	0.542%
58	22.292	3279	3282	3287	rVB	641973	785413	9.28%	0.866%
59	22.792	3363	3367	3372	rVB	756968	1064448	12.58%	1.174%
60	23.251	3439	3445	3455	rVB	4269791	7601007	89.84%	8.386%
61	23.351	3457	3462	3464	rVV	888025	1558040	18.42%	1.719%
62	23.386	3464	3468	3477	rVB	2953273	5062959	59.84%	5.586%
63	23.980	3564	3569	3576	rVB	757485	1432216	16.93%	1.580%
64	24.703	3688	3692	3700	rVB2	605504	1177496	13.92%	1.299%

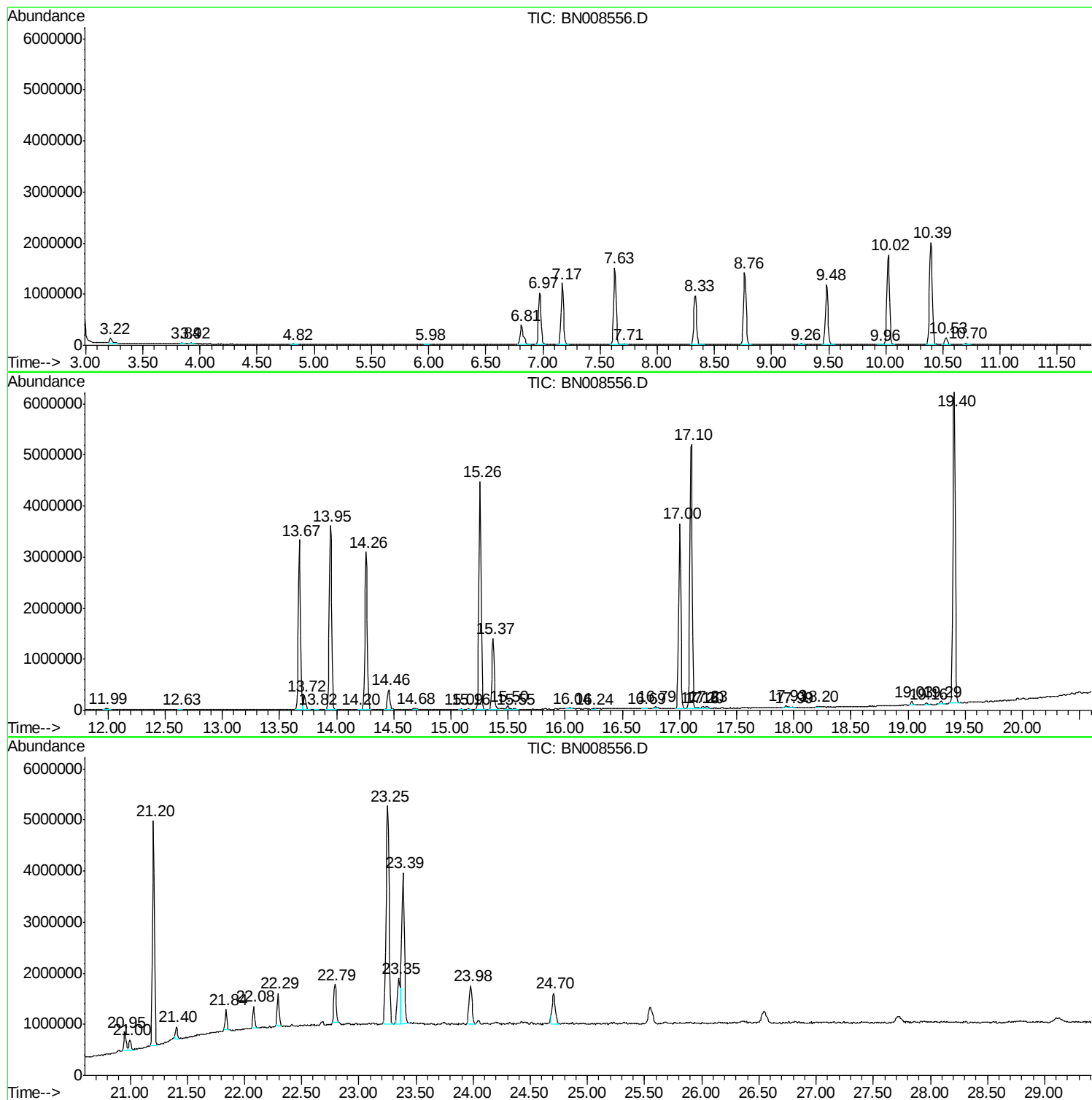
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Quant Title : SVOA CALIBRATION

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



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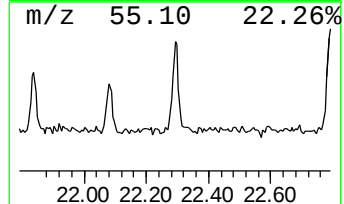
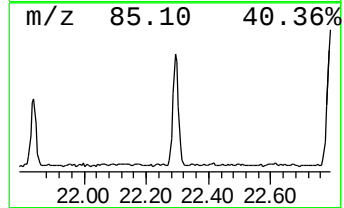
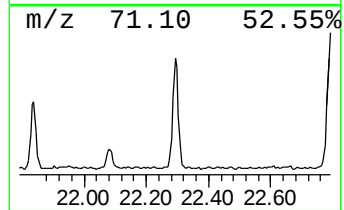
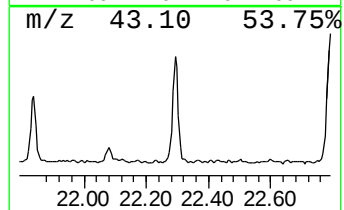
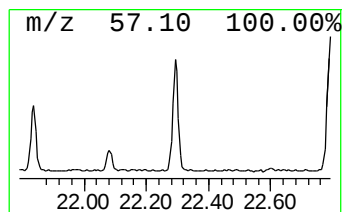
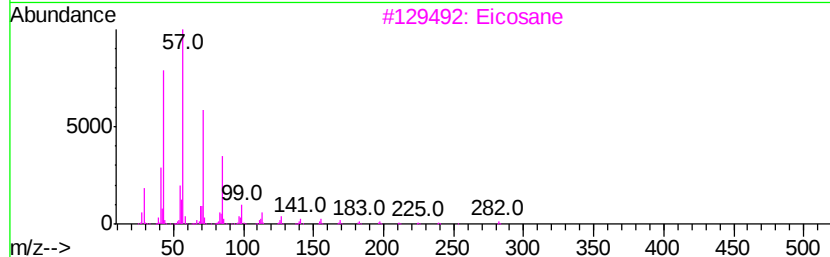
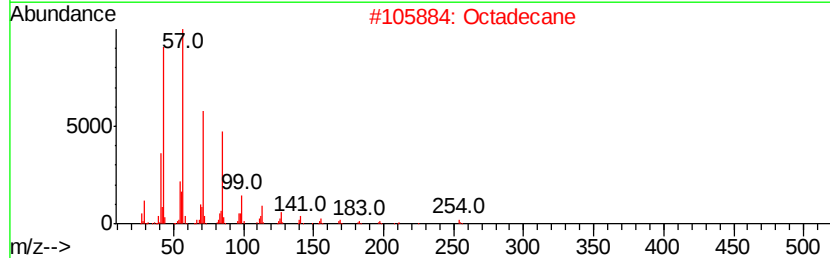
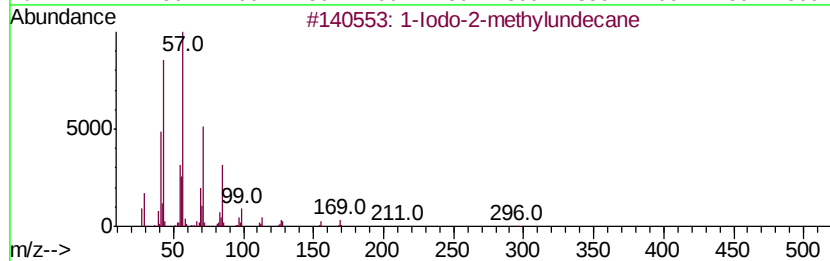
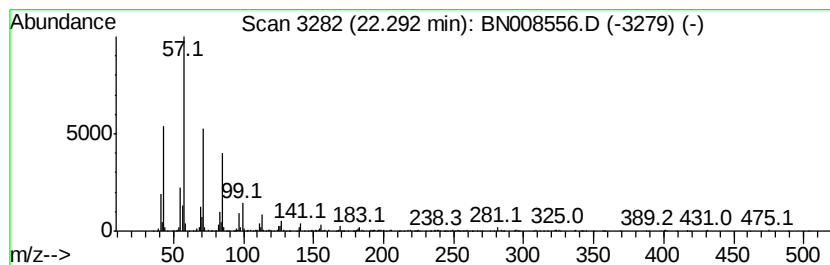
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.95 ng/ul	785413	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
2			Octadecane	254	C18H38	000593-45-3	87
3			Eicosane	282	C20H42	000112-95-8	83
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83



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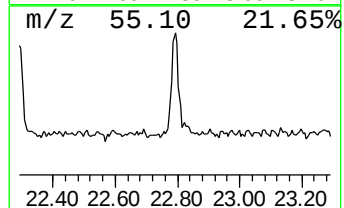
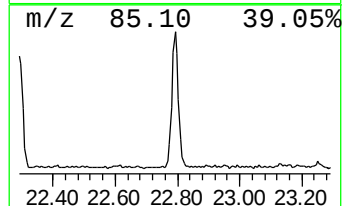
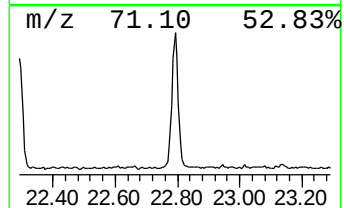
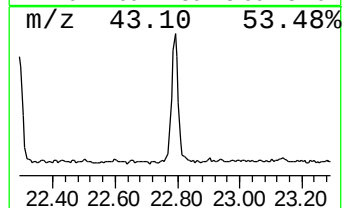
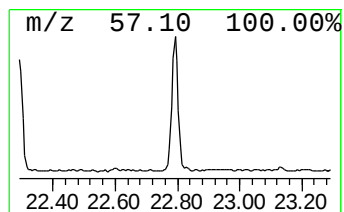
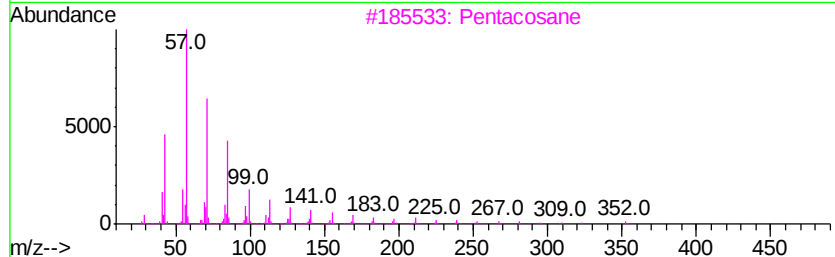
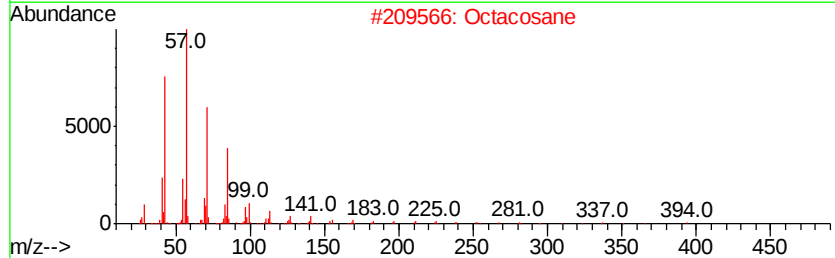
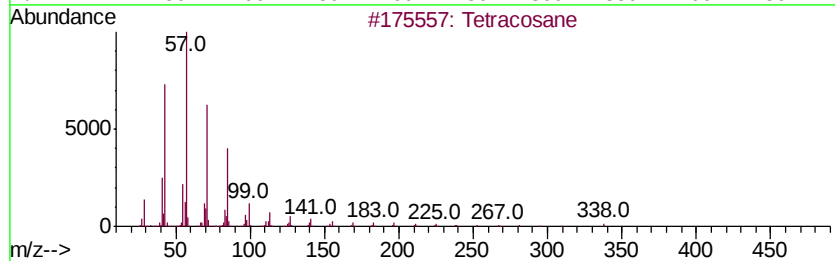
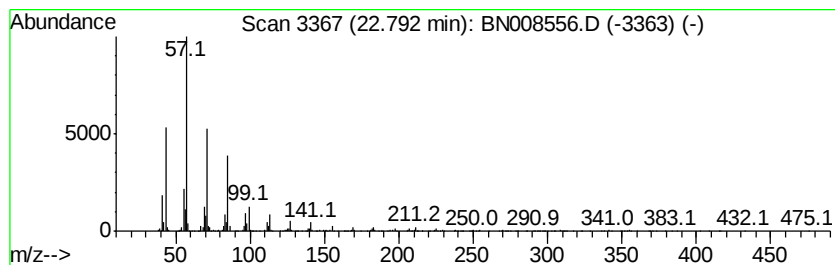
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	4.20 ng/ul	1064450	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



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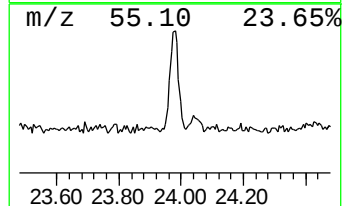
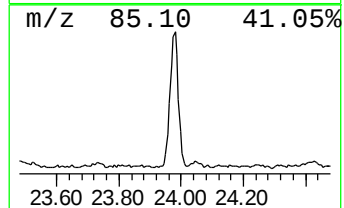
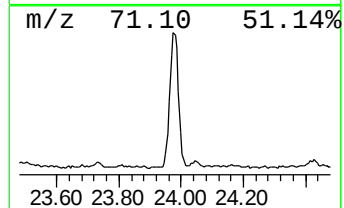
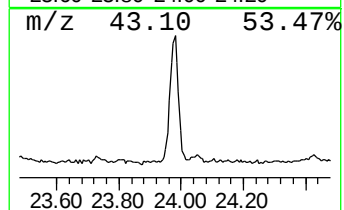
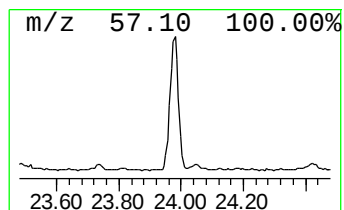
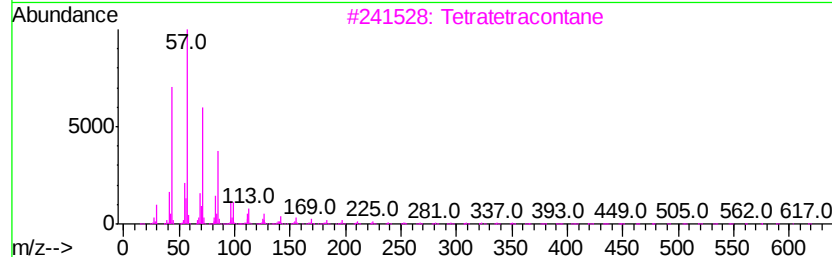
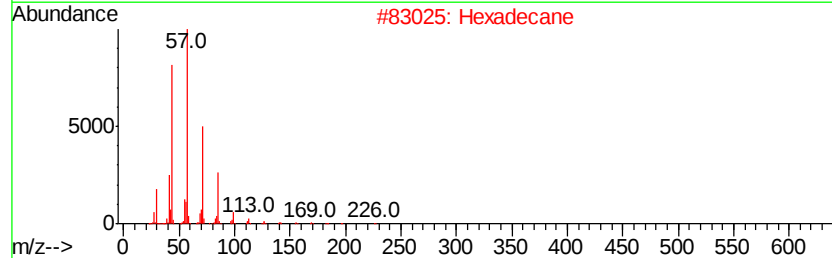
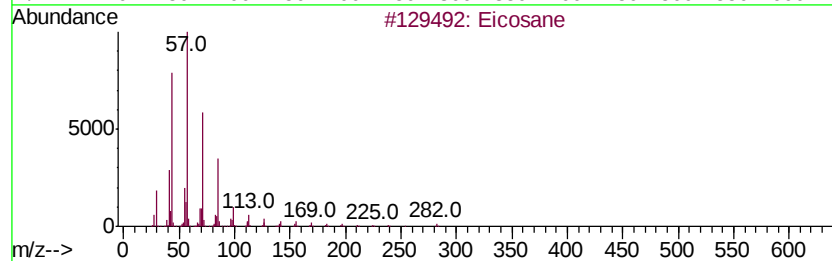
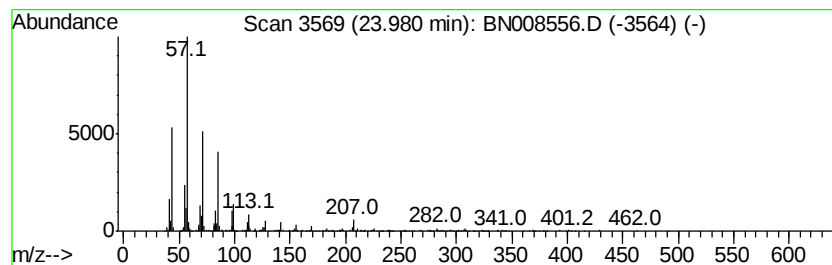
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	5.66 ng/ul	1432220	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Tetratetracontane	619	C44H90	007098-22-8	93
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Octacosane	394	C28H58	000630-02-4	90



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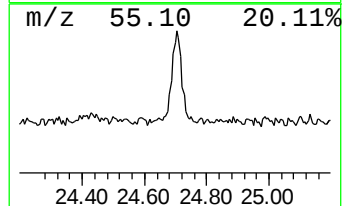
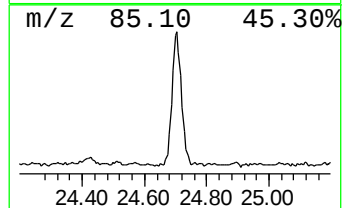
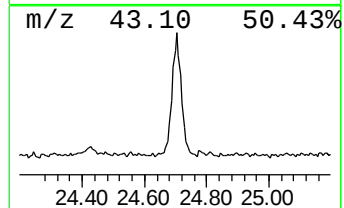
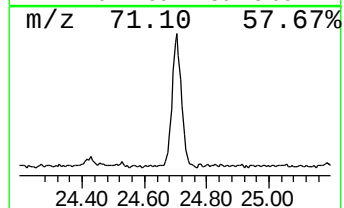
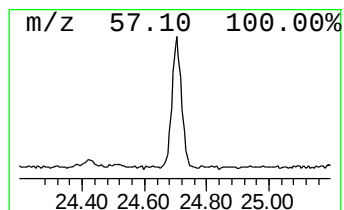
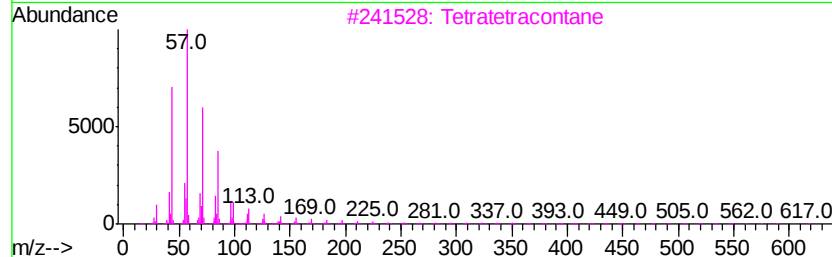
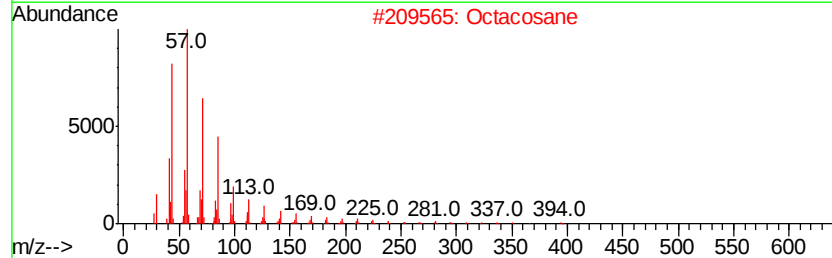
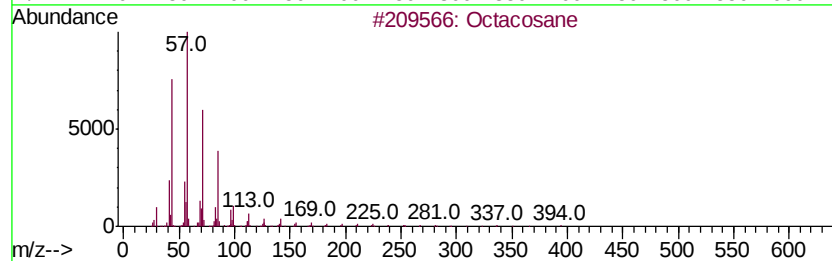
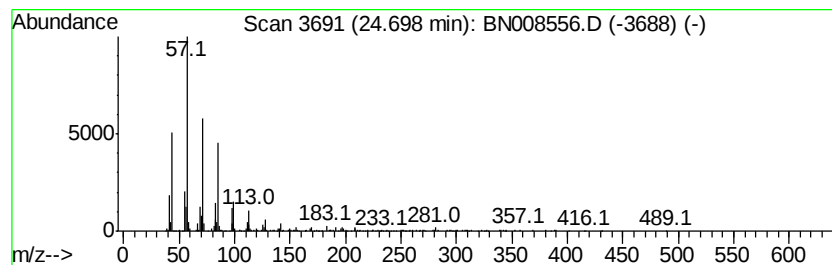
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	4.65 ng/ul	1177500	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	98
2			Octacosane	394	C28H58	000630-02-4	96
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Pentacosane, 13-undecyl-	507	C36H74	055517-89-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Iodo-2-methylun...	22.29	3.0	ng/ul	785413	5	21.20	5325920	20.0
(DEL) Alkane: Str...	22.79	4.2	ng/ul	1064450	6	23.39	5062960	20.0
(DEL) Alkane: Str...	23.98	5.7	ng/ul	1432220	6	23.39	5062960	20.0
(DEL) Alkane: Str...	24.70	4.7	ng/ul	1177500	6	23.39	5062960	20.0