

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
 Data File : BN004215.D
 Acq On : 26 Dec 2018 22:24
 Operator : JU/SJ
 Sample : J6489-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F56

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN121218MA.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	6.993	676	681	683	rBV	18641	28249	3.17%	0.357%
2	7.016	683	685	692	rVB	22111	30353	3.40%	0.383%
3	7.158	704	709	718	rBB	61719	91769	10.28%	1.158%
4	7.352	737	742	749	rBB	65196	101757	11.40%	1.284%
5	7.822	816	822	828	rBV	88018	132807	14.88%	1.676%
6	8.528	937	942	950	rBB	57490	87999	9.86%	1.111%
7	8.993	1015	1021	1029	rBB	80590	126879	14.22%	1.601%
8	9.710	1137	1143	1149	rVB	67885	107601	12.06%	1.358%
9	10.246	1228	1234	1245	rBV	104933	176013	19.72%	2.221%
10	10.616	1291	1297	1304	rBV	148666	242455	27.17%	3.060%
11	10.769	1318	1323	1329	rBB	8613	13567	1.52%	0.171%
12	13.869	1844	1850	1854	rBV	231020	318412	35.68%	4.019%
13	13.916	1854	1858	1863	rVB	41773	56127	6.29%	0.708%
14	14.157	1893	1899	1913	rBB	285730	394290	44.18%	4.976%
15	14.463	1945	1951	1958	rBB2	249927	371856	41.67%	4.693%
16	14.698	1986	1991	2000	rBB	12805	22071	2.47%	0.279%
17	15.457	2114	2120	2126	rBV	365021	506343	56.74%	6.391%
18	15.592	2139	2143	2151	rBB	107581	140084	15.70%	1.768%
19	16.334	2265	2269	2275	rVB2	7632	14345	1.61%	0.181%
20	16.398	2276	2280	2284	rBV3	7736	12085	1.35%	0.153%
21	16.663	2320	2325	2329	rBV	6469	9165	1.03%	0.116%
22	17.210	2412	2418	2428	rBV	347312	474414	53.16%	5.988%
23	17.310	2428	2435	2444	rBV2	398382	569355	63.80%	7.186%
24	18.075	2559	2565	2572	rBV	29280	39314	4.41%	0.496%
25	19.357	2779	2783	2792	rBV	7944	13679	1.53%	0.173%
26	19.604	2819	2825	2833	rVB2	540751	707662	79.30%	8.931%
27	21.075	3071	3075	3086	rBV	31650	60868	6.82%	0.768%
28	21.398	3124	3130	3136	rBV	540959	682450	76.48%	8.613%
29	21.504	3145	3148	3152	rBV2	15268	14473	1.62%	0.183%
30	21.945	3220	3223	3227	rBV	28420	30839	3.46%	0.389%
31	22.227	3267	3271	3275	rVB3	10035	14687	1.65%	0.185%
32	22.422	3300	3304	3309	rBV	47403	59700	6.69%	0.753%
33	22.551	3321	3326	3332	rBV	139998	190103	21.30%	2.399%
34	22.939	3387	3392	3400	rVB	63005	91557	10.26%	1.156%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

35	23.521	3485	3491	3493	rBV	62930	100690	11.28%	1.271%
36	23.569	3493	3499	3509	rVB	471387	892376	100.00%	11.263%
37	23.721	3517	3525	3534	rVB2	388804	756457	84.77%	9.547%
38	24.180	3598	3603	3612	rVB	55041	100115	11.22%	1.264%
39	24.951	3727	3734	3741	rBV	40261	85998	9.64%	1.085%
40	25.851	3881	3887	3894	rVB2	22686	54299	6.08%	0.685%

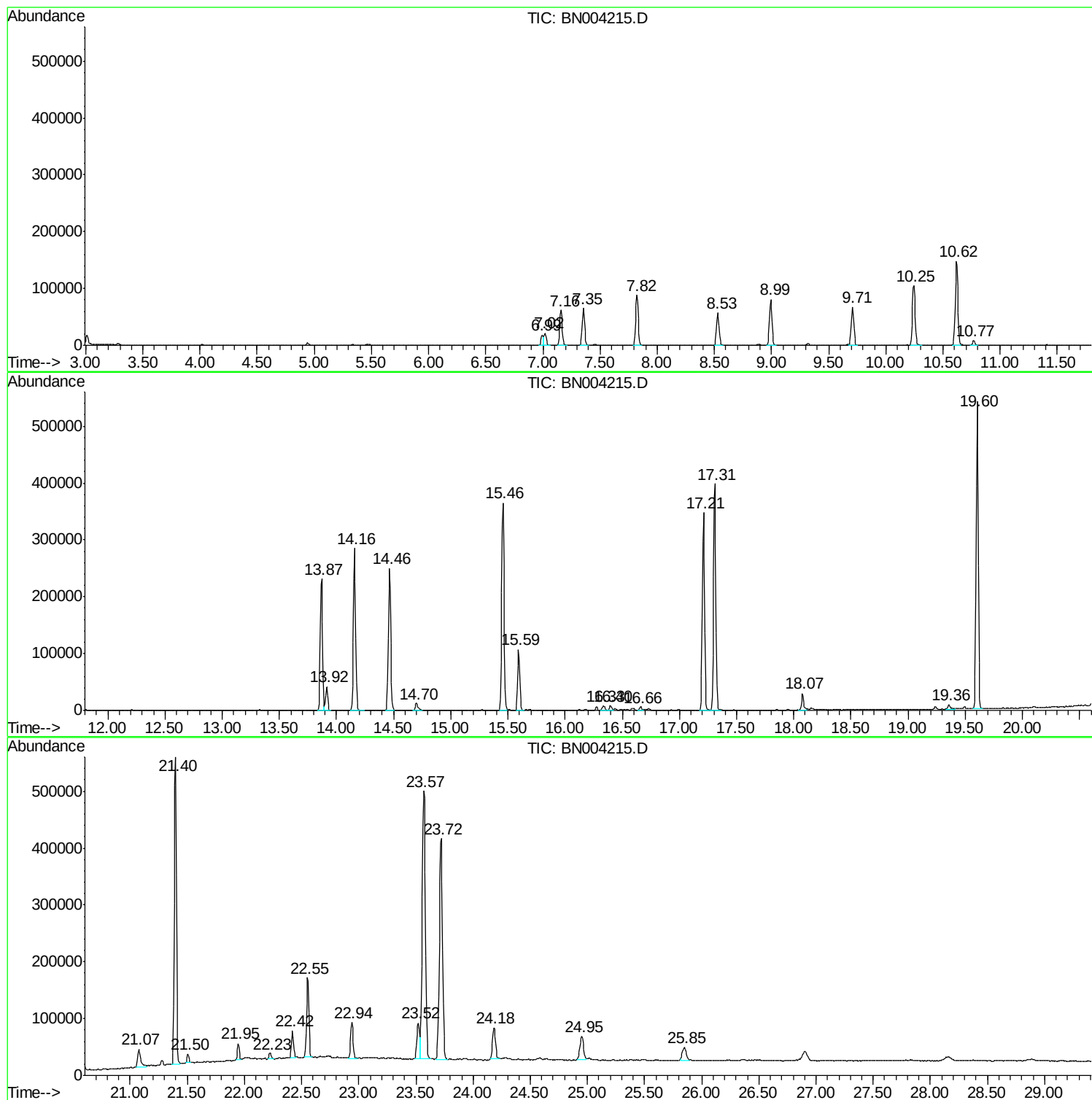
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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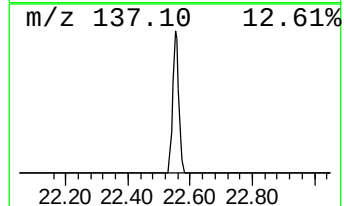
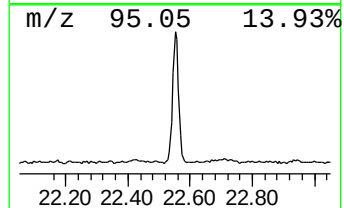
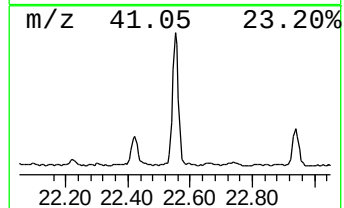
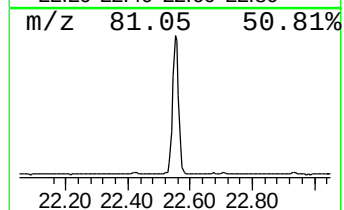
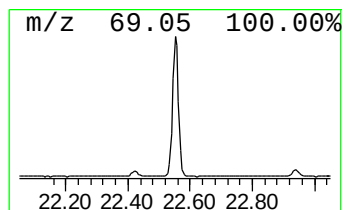
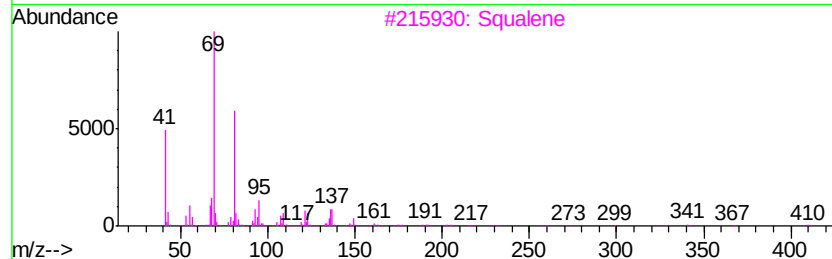
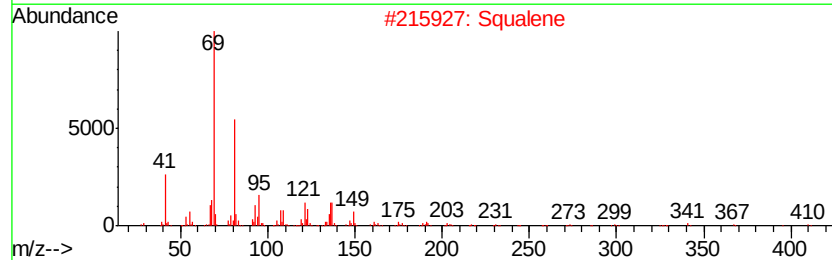
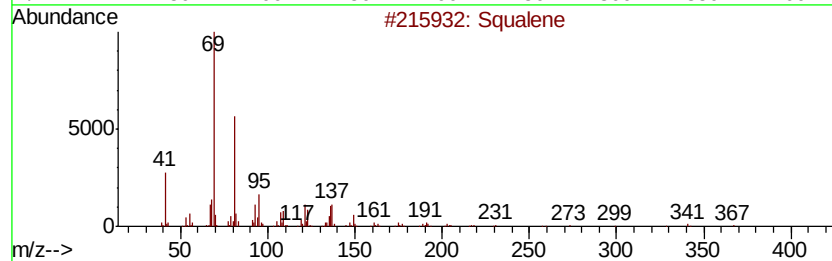
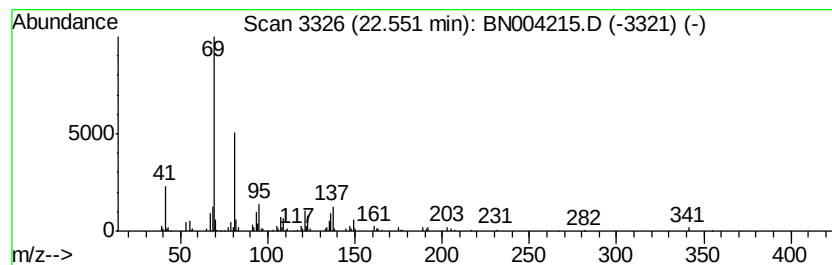
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	5.57 ng/ul	190103	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 94
2	Squalene		410 C30H50	000111-02-4 91
3	Squalene		410 C30H50	000111-02-4 91
4	Supraene		410 C30H50	007683-64-9 91
5	Squalene		410 C30H50	000111-02-4 91



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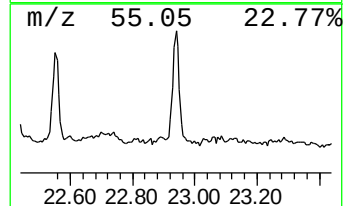
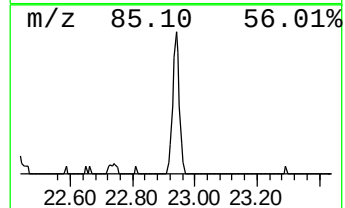
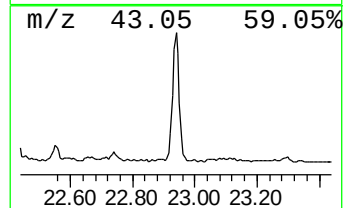
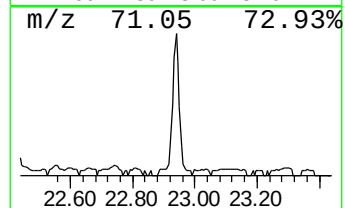
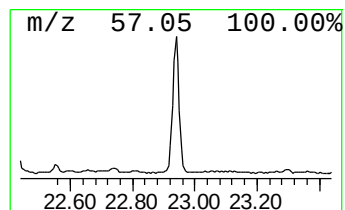
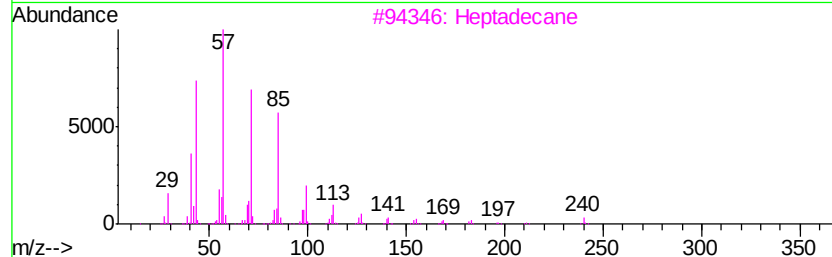
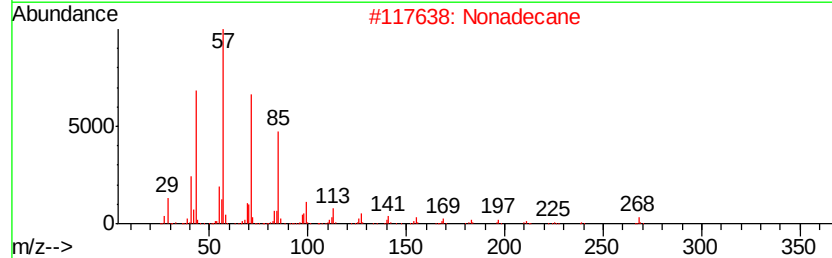
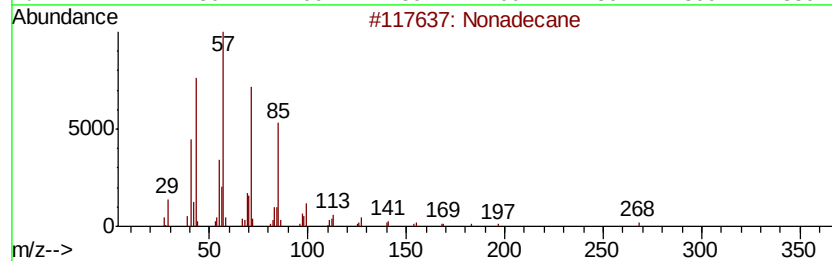
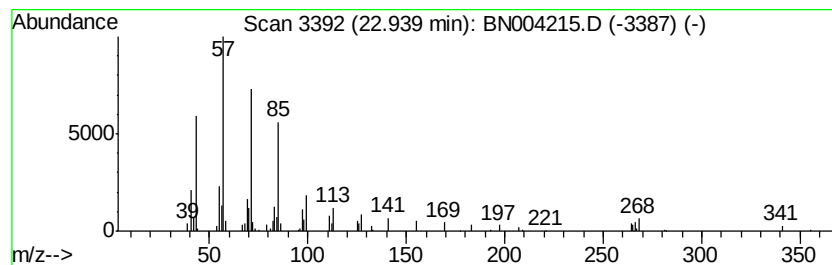
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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.
22.94	2.42 ng/ul	91557	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Nonadecane	268	C19H40	000629-92-5	95
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	87



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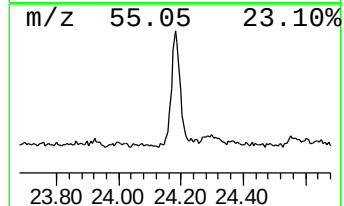
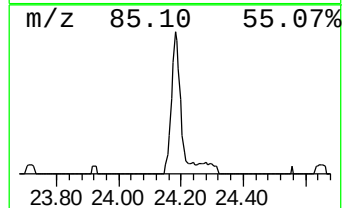
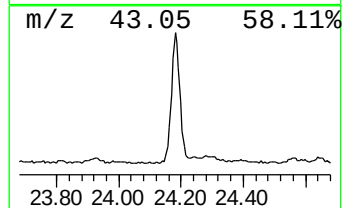
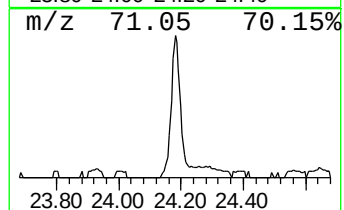
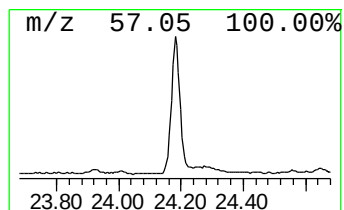
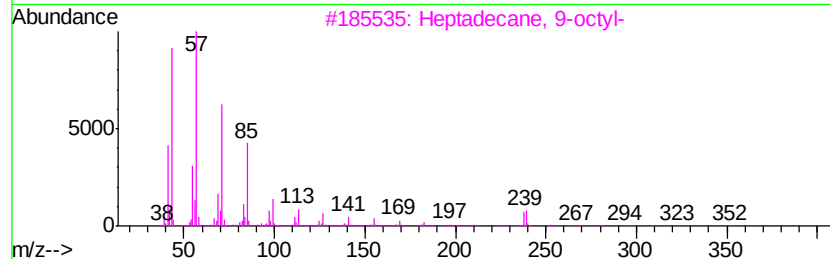
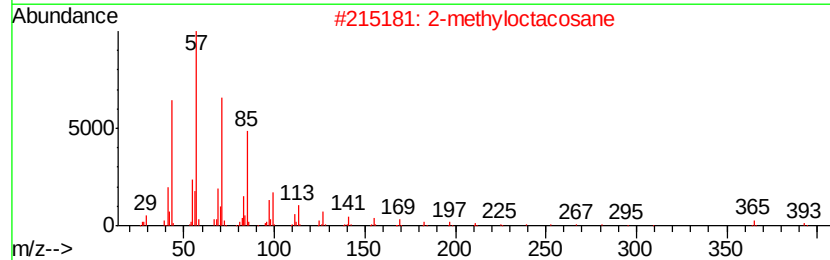
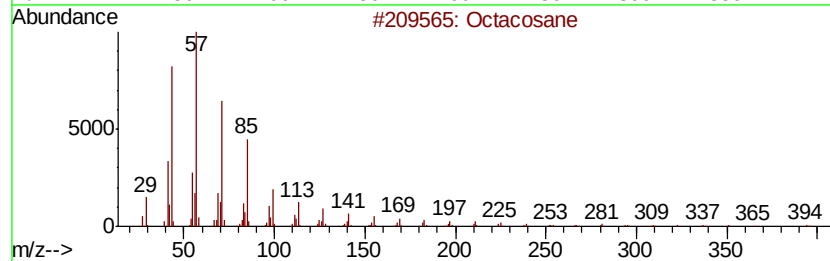
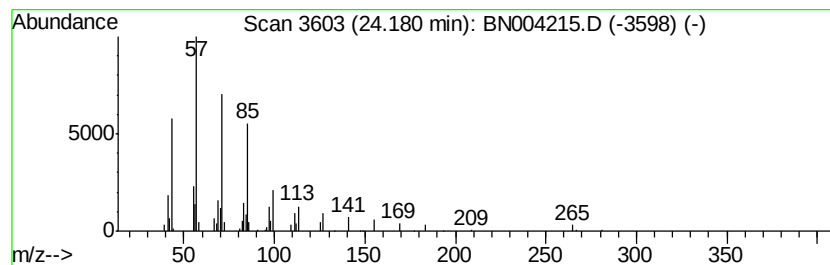
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	2.65 ng/ul	100115	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	90



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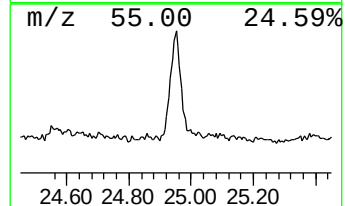
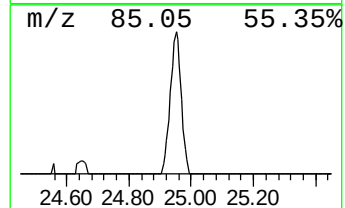
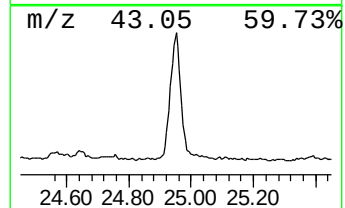
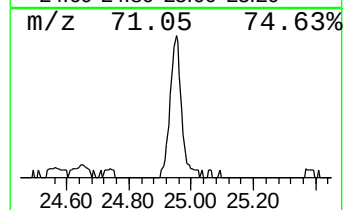
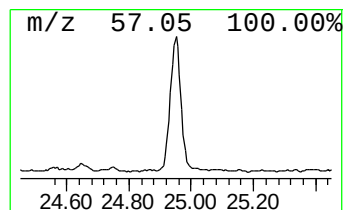
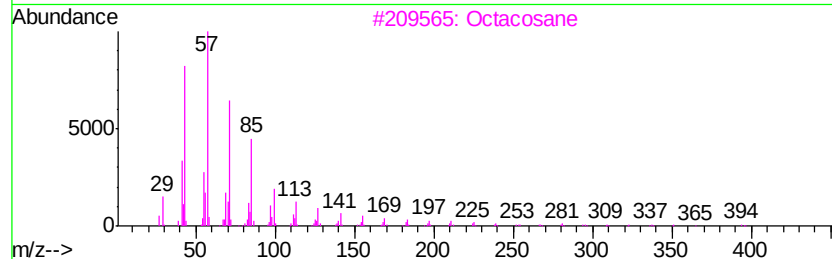
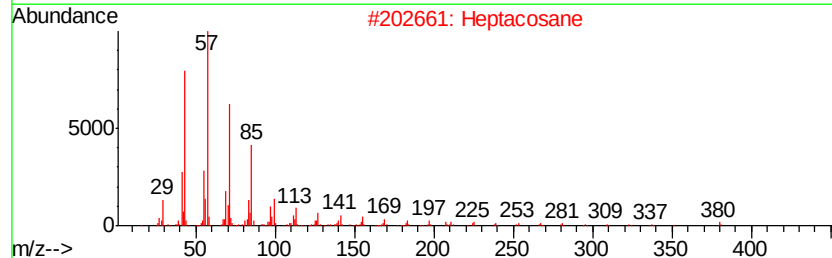
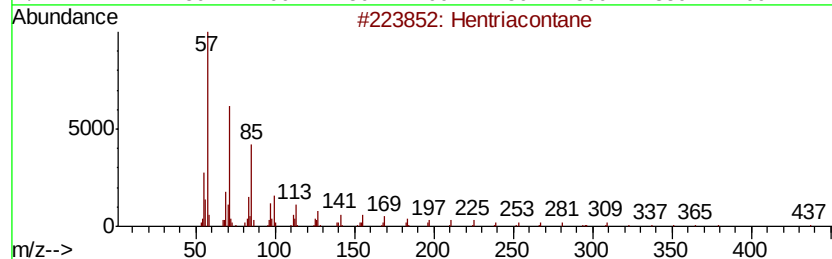
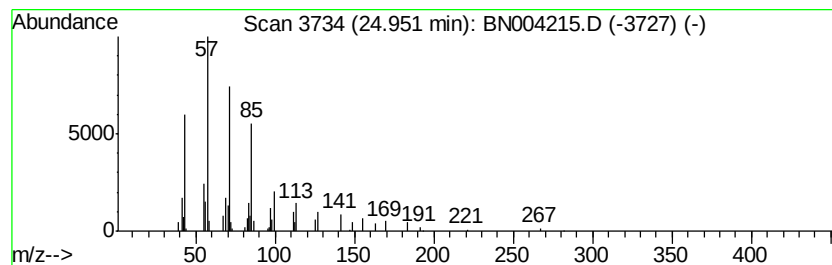
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	2.27 ng/ul	85998	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Squalene	22.55	5.6	ng/ul	190103	5	21.40	682450	20.0
(DEL) Alkane: Str...	22.94	2.4	ng/ul	91557	6	23.72	756457	20.0
(DEL) Alkane: Str...	24.18	2.6	ng/ul	100115	6	23.72	756457	20.0
(DEL) Alkane: Str...	24.95	2.3	ng/ul	85998	6	23.72	756457	20.0