

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002904.D
 Acq On : 03 Oct 2018 17:19
 Operator : MJ/SJ
 Sample : J5116-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58

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-BN091418MA.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	3.193	32	35	42	rVB2	20381	29309	1.00%	0.101%
2	6.811	644	650	667	rBV	340896	613653	20.99%	2.109%
3	6.964	670	676	689	rBV	293900	482981	16.52%	1.660%
4	7.164	704	710	722	rBV	375122	627563	21.46%	2.157%
5	7.622	782	788	797	rBV	380667	624291	21.35%	2.145%
6	8.334	903	909	923	rBV	430020	769821	26.33%	2.645%
7	8.775	977	984	1000	rBV	346135	613717	20.99%	2.109%
8	9.493	1099	1106	1116	rBV	292017	517583	17.70%	1.779%
9	10.028	1192	1197	1211	rBV	413681	803719	27.49%	2.762%
10	10.393	1252	1259	1273	rBV	595111	977829	33.44%	3.360%
11	10.540	1278	1284	1302	rBV	381311	763470	26.11%	2.624%
12	13.675	1811	1817	1822	rBV	887465	1247128	42.65%	4.286%
13	13.722	1822	1825	1834	rVB	173066	258570	8.84%	0.889%
14	13.951	1857	1864	1875	rBV	1052384	1602153	54.79%	5.506%
15	14.263	1910	1917	1924	rBV2	887446	1345462	46.01%	4.624%
16	14.504	1952	1958	1976	rBV	179309	471800	16.13%	1.621%
17	15.263	2080	2087	2094	rBV	1370699	2010148	68.74%	6.908%
18	15.404	2105	2111	2123	rBV	344259	579362	19.81%	1.991%
19	17.016	2379	2385	2389	rBV	1109486	1603703	54.84%	5.511%
20	17.057	2389	2392	2396	rVV	95212	126683	4.33%	0.435%
21	17.116	2396	2402	2411	rVB	1388945	2114842	72.32%	7.267%
22	17.922	2535	2539	2552	rVB4	94888	168942	5.78%	0.581%
23	19.086	2733	2737	2743	rVB	236974	341452	11.68%	1.173%
24	19.181	2749	2753	2756	rBV4	54466	95451	3.26%	0.328%
25	19.416	2788	2793	2803	rBV2	1734975	2801068	95.79%	9.626%
26	19.845	2864	2866	2868	rBV2	60650	43137	1.48%	0.148%
27	20.963	3052	3056	3062	rBV5	149742	369292	12.63%	1.269%
28	21.228	3096	3101	3106	rBV	1534585	1974770	67.53%	6.786%
29	22.398	3297	3300	3305	rVB	286053	371846	12.72%	1.278%
30	23.298	3448	3453	3466	rVB	1419101	2924092	100.00%	10.048%
31	23.439	3472	3477	3484	rVB	959349	1826251	62.46%	6.276%

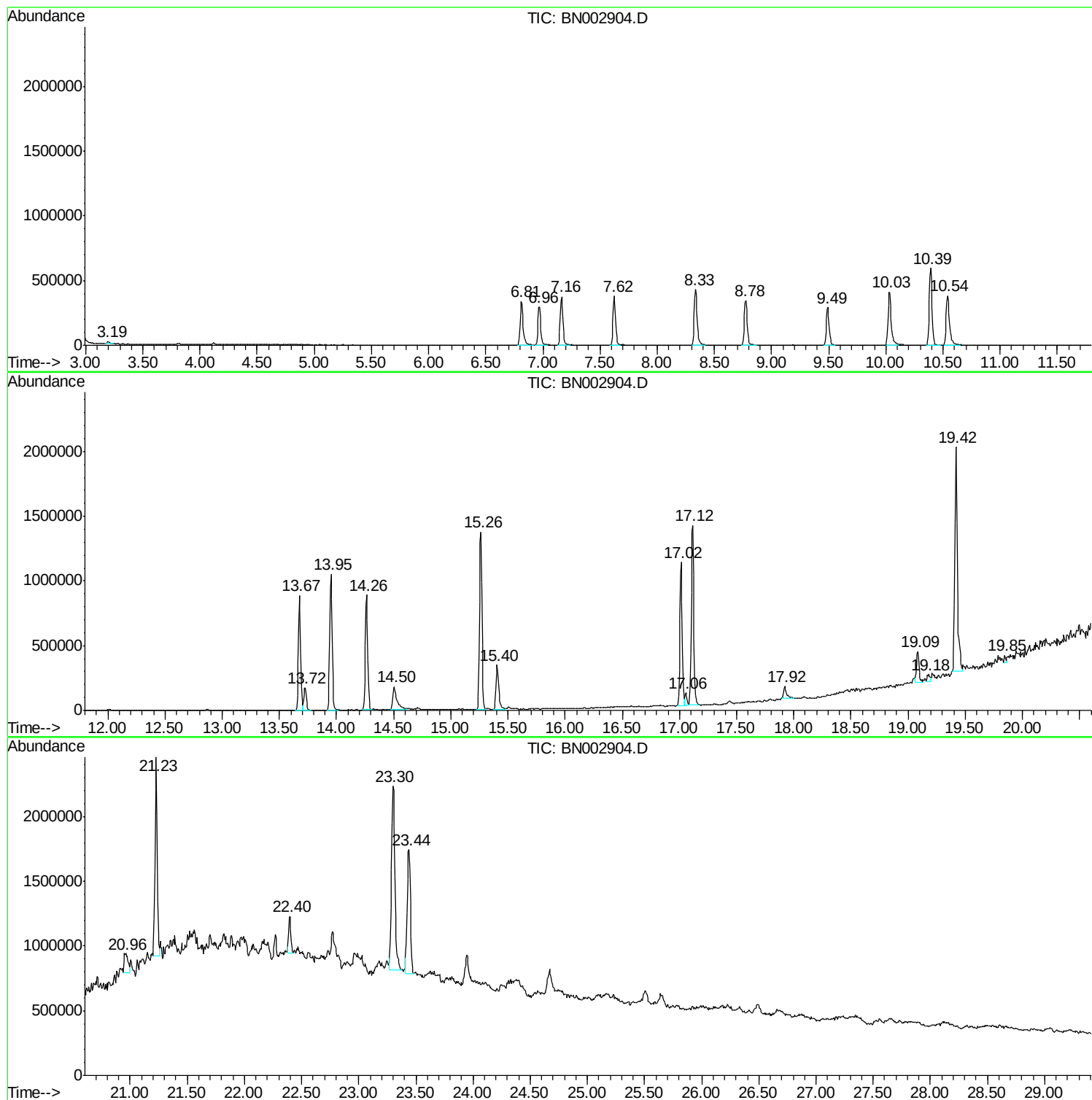
Sum of corrected areas: 29100088

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Quant Title : SVOA CALIBRATION

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



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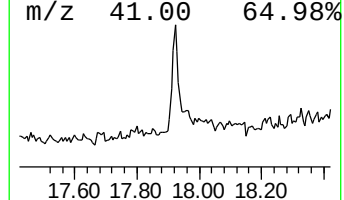
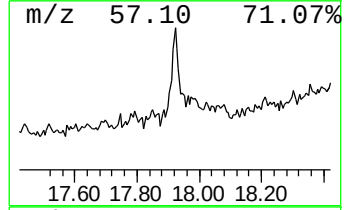
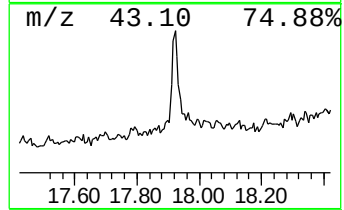
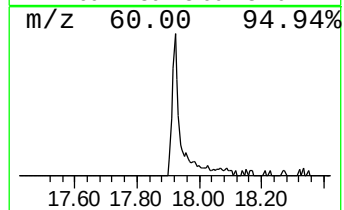
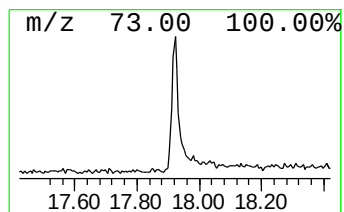
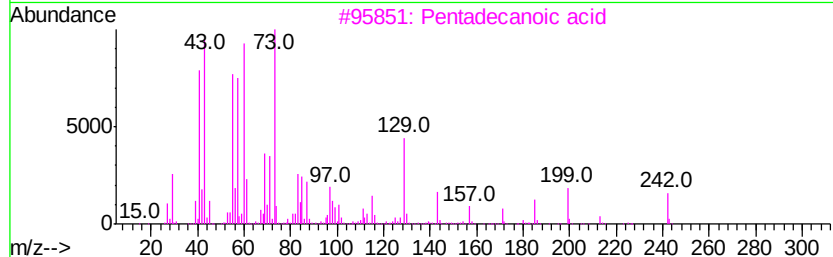
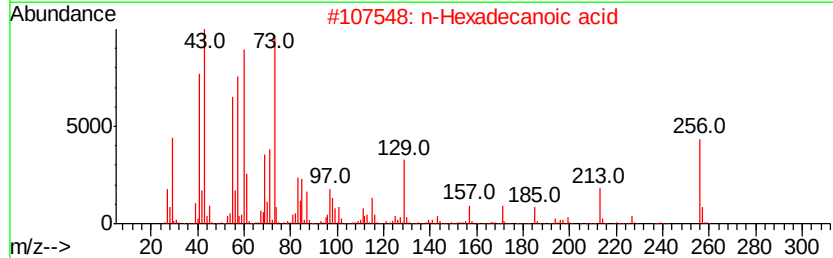
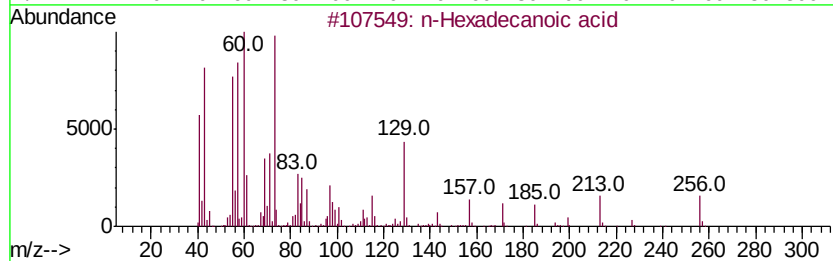
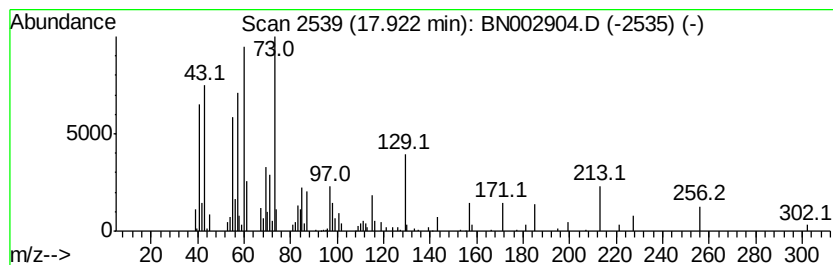
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Quant Title : SVOA CALIBRATION

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	2.11 ng/ul	168942	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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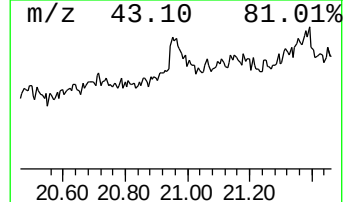
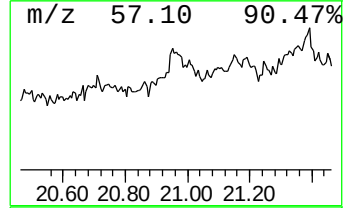
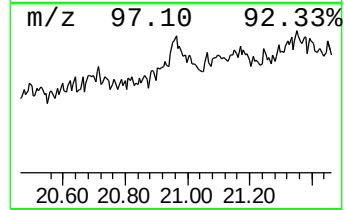
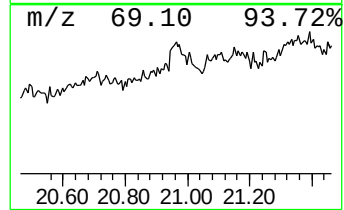
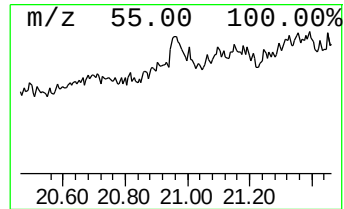
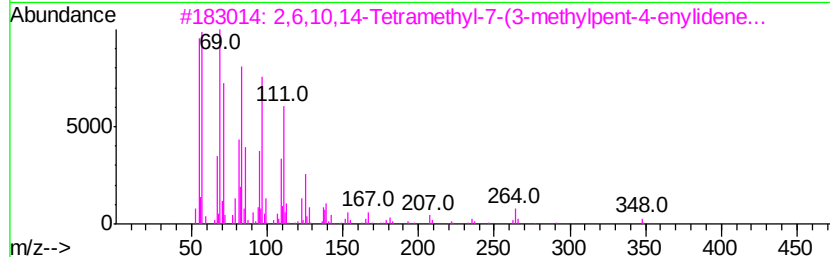
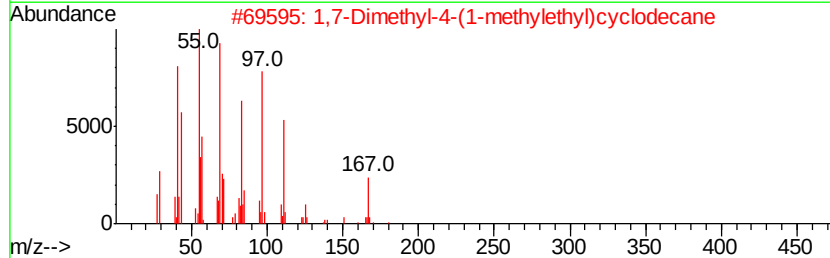
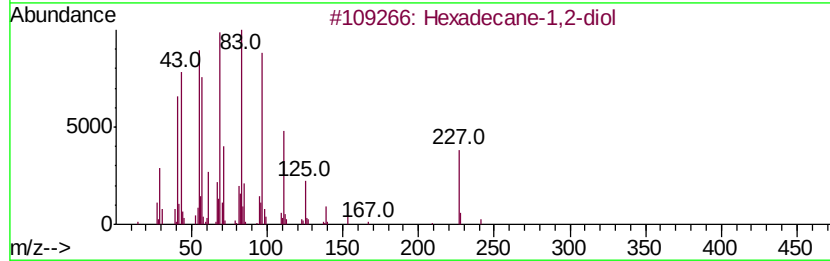
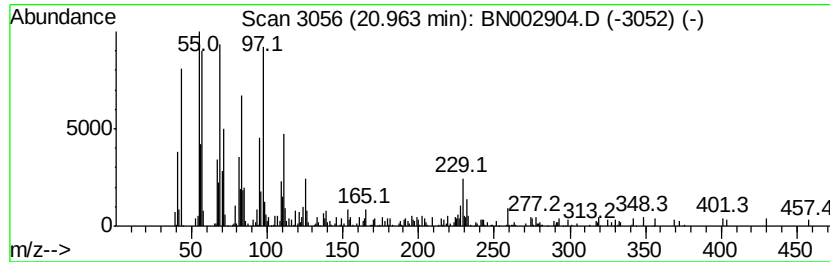
Instrument :
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Peak Number 2 Hexadecane-1,2-diol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.96	3.74 ng/ul	369292	Chrysene-d12	21.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	58
2		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	52
3		2,6,10,14-Tetramethyl-7-(3-methv...	348	C25H48	1000370-41-6	52
4		Octacosanol	410	C28H58O	000557-61-9	42
5		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38



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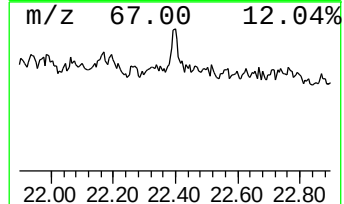
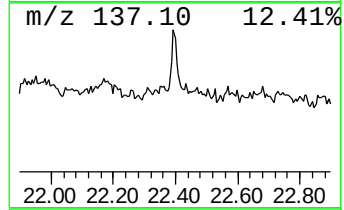
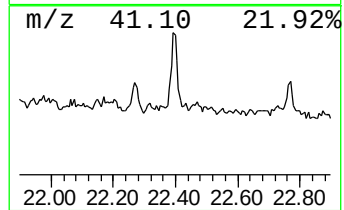
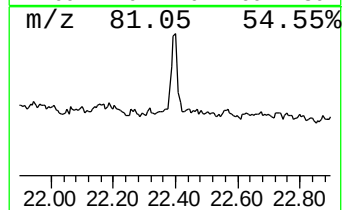
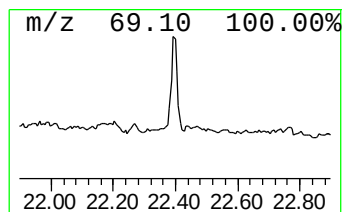
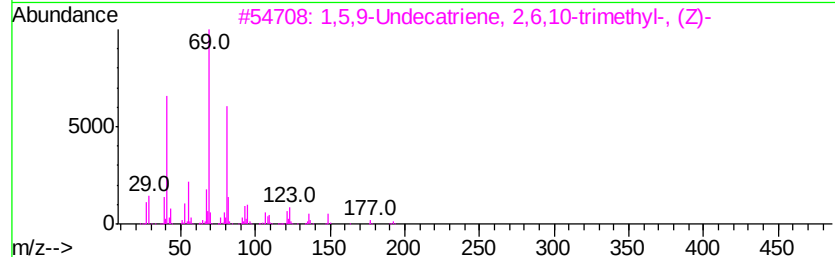
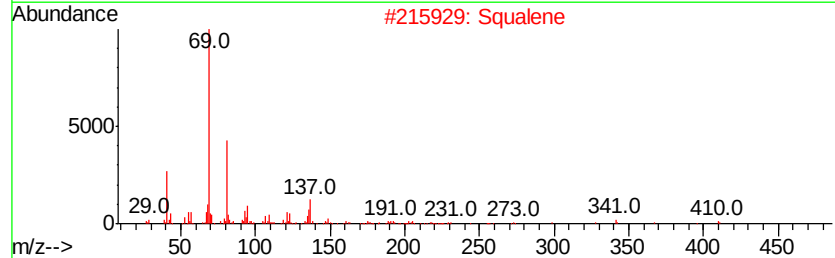
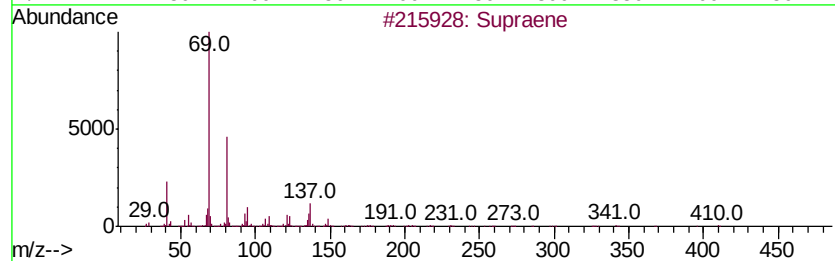
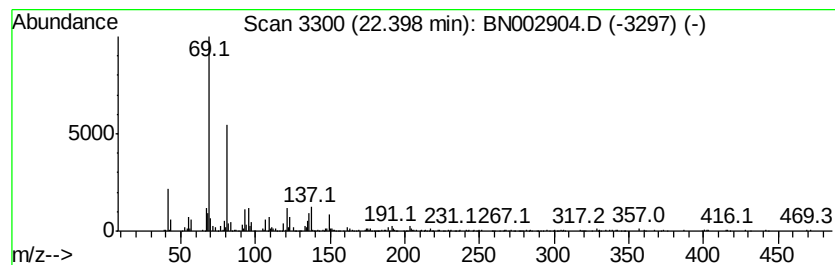
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Peak Number 3 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.07 ng/ul	371846	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	86
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.1	ng/ul	168942	4	17.02	1603700	20.0
Hexadecane-1,2-diol	20.96	3.7	ng/ul	369292	5	21.23	1974770	20.0
Supraene	22.40	4.1	ng/ul	371846	6	23.44	1826250	20.0