

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028393.D
 Acq On : 21 Aug 2017 16:44
 Operator : SJ/JU
 Sample : I4713-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	4.333	124	127	132	rVB7	3481	5197	0.54%	0.064%
2	4.709	189	191	197	rBV3	1473	2447	0.25%	0.030%
3	4.768	197	201	208	rVB6	2164	3735	0.39%	0.046%
4	4.827	210	211	214	rVB2	2866	2422	0.25%	0.030%
5	4.868	214	218	220	rBV4	2502	3636	0.38%	0.045%
6	5.150	265	266	271	rBV2	1343	2161	0.22%	0.027%
7	5.444	312	316	319	rBV3	3235	4855	0.51%	0.060%
8	5.602	340	343	347	rVB2	2627	2816	0.29%	0.035%
9	6.307	460	463	467	rBV2	2044	3146	0.33%	0.039%
10	6.501	494	496	499	rVB2	2804	2130	0.22%	0.026%
11	6.537	499	502	505	rBV3	2422	2167	0.23%	0.027%
12	6.678	524	526	532	rVB5	2021	3126	0.33%	0.038%
13	7.018	577	584	587	rVV4	1745	3391	0.35%	0.042%
14	7.059	587	591	592	rVB3	1752	2182	0.23%	0.027%
15	7.500	659	666	676	rBV	48128	96673	10.06%	1.188%
16	7.659	685	693	700	rBV3	36653	66856	6.96%	0.822%
17	7.876	722	730	743	rBV3	48309	89843	9.35%	1.104%
18	8.346	802	810	822	rBV	127054	224631	23.38%	2.761%
19	8.781	881	884	887	rVB2	1496	2158	0.22%	0.027%
20	8.869	894	899	901	rVB3	1459	2171	0.23%	0.027%
21	9.039	922	928	937	rBV2	46250	92495	9.63%	1.137%
22	9.163	947	949	953	rBV2	2255	2872	0.30%	0.035%
23	9.227	957	960	964	rVB2	2177	2617	0.27%	0.032%
24	9.510	1002	1008	1017	rVB2	50868	96939	10.09%	1.191%
25	10.238	1124	1132	1140	rBV3	46778	90154	9.38%	1.108%
26	10.502	1173	1177	1181	rBV	2417	2522	0.26%	0.031%
27	10.638	1198	1200	1204	rVB2	1704	2241	0.23%	0.028%
28	10.732	1210	1216	1217	rBV2	1844	3366	0.35%	0.041%
29	10.784	1217	1225	1234	rVV2	58270	121848	12.68%	1.497%
30	11.161	1281	1289	1300	rBV	196600	364138	37.89%	4.475%
31	11.302	1306	1313	1330	rVB4	29570	72922	7.59%	0.896%
32	11.425	1330	1334	1335	rBV3	1862	2453	0.26%	0.030%
33	11.736	1385	1387	1394	rVB4	1802	3031	0.32%	0.037%
34	11.871	1406	1410	1416	rVB4	1288	2654	0.28%	0.033%

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35	12.289	1480	1481	1487	rBV3	1588	2695	0.28%	0.033%
36	12.729	1554	1556	1561	rVB3	1915	2876	0.30%	0.035%
37	12.794	1565	1567	1573	rBV2	1958	4048	0.42%	0.050%
38	13.070	1612	1614	1618	rBV3	1704	2531	0.26%	0.031%
39	13.364	1662	1664	1669	rVB2	2503	4009	0.42%	0.049%
40	13.552	1689	1696	1704	rVB7	2079	5981	0.62%	0.074%
41	13.699	1719	1721	1725	rBV4	1914	2337	0.24%	0.029%
42	13.740	1725	1728	1733	rVV4	1687	3107	0.32%	0.038%
43	14.339	1824	1830	1834	rBV	157252	234442	24.40%	2.881%
44	14.386	1834	1838	1845	rVB2	61271	94080	9.79%	1.156%
45	14.645	1874	1882	1893	rBV	148241	245913	25.59%	3.022%
46	14.950	1927	1934	1943	rVB2	352667	587258	61.11%	7.217%
47	15.162	1964	1970	1987	rBV3	19487	51633	5.37%	0.635%
48	15.632	2046	2050	2053	rBV2	3035	4507	0.47%	0.055%
49	15.702	2060	2062	2066	rBV3	1808	2781	0.29%	0.034%
50	15.749	2066	2070	2075	rVB4	4932	8048	0.84%	0.099%
51	15.937	2094	2102	2109	rBV	214552	337267	35.10%	4.145%
52	16.055	2115	2122	2134	rBV2	59709	103758	10.80%	1.275%
53	16.372	2174	2176	2180	rBV2	2115	2275	0.24%	0.028%
54	16.466	2190	2192	2196	rBV3	2535	2414	0.25%	0.030%
55	16.613	2213	2217	2227	rBV6	5800	14370	1.50%	0.177%
56	17.065	2292	2294	2298	rBV5	2332	3636	0.38%	0.045%
57	17.212	2317	2319	2325	rVB5	5774	8851	0.92%	0.109%
58	17.406	2348	2352	2358	rVB3	6899	9362	0.97%	0.115%
59	17.700	2394	2402	2413	rBV	509835	812032	84.50%	9.979%
60	17.800	2413	2419	2428	rVB	241359	382617	39.82%	4.702%
61	18.546	2541	2546	2556	rBV4	33508	59943	6.24%	0.737%
62	18.822	2591	2593	2598	rBV6	3304	4804	0.50%	0.059%
63	19.803	2757	2760	2768	rBV6	22447	30825	3.21%	0.379%
64	20.074	2799	2806	2817	rBV	333724	517506	53.85%	6.360%
65	21.595	3061	3065	3078	rVB4	35072	77681	8.08%	0.955%
66	22.030	3131	3139	3152	rBV	530711	960975	100.00%	11.810%
67	23.957	3460	3467	3475	rBV2	125421	259361	26.99%	3.187%
68	24.439	3544	3549	3557	rVB2	65725	142039	14.78%	1.746%
69	24.527	3558	3564	3573	rBV6	41035	131037	13.64%	1.610%
70	25.279	3684	3692	3703	rVB3	146570	438264	45.61%	5.386%
71	25.526	3726	3734	3746	rVB2	283859	897872	93.43%	11.034%

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72	26.701	3925	3934	3943	rVB3	92324	298138	31.02%	3.664%
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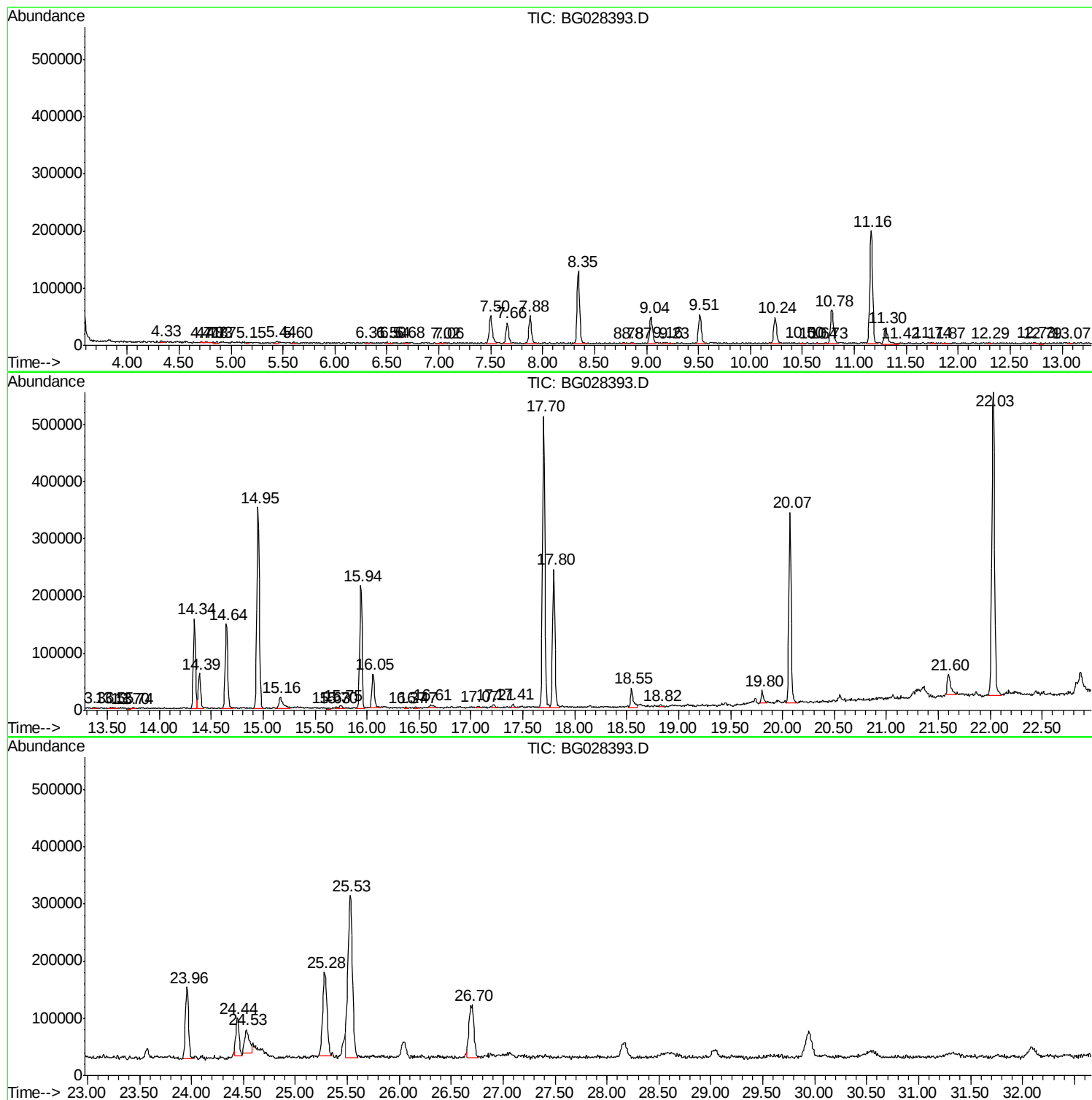
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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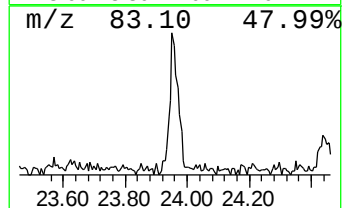
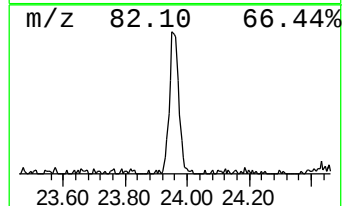
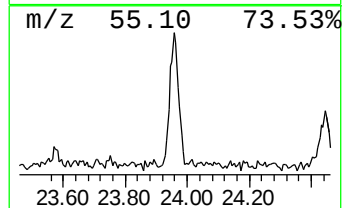
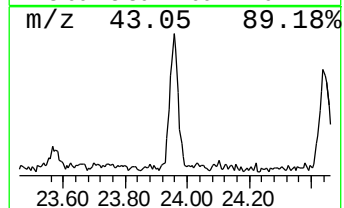
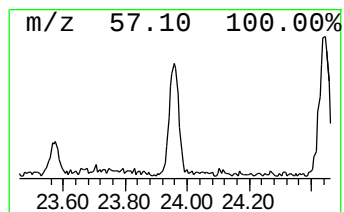
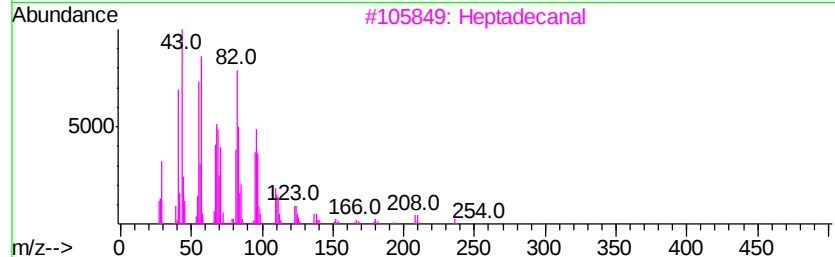
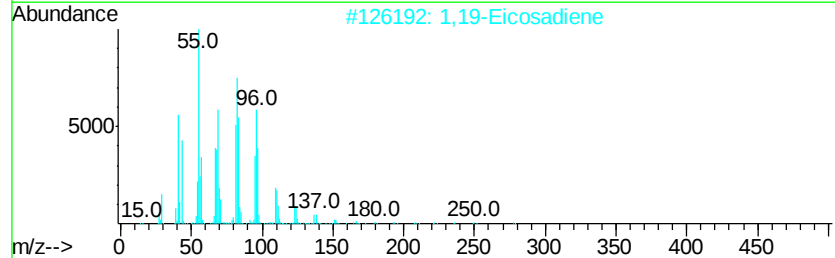
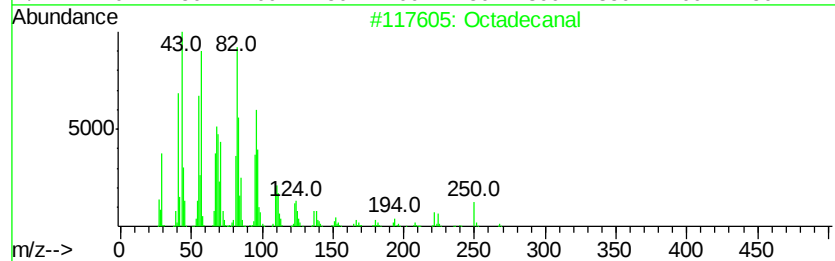
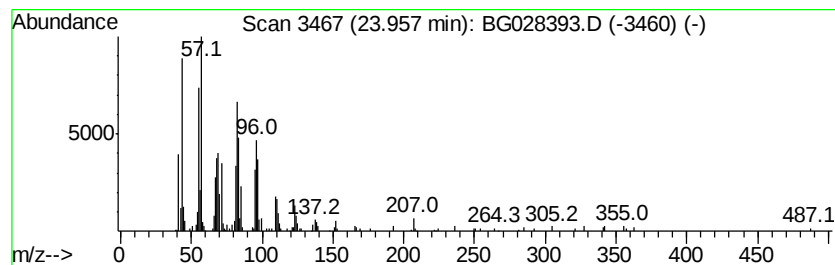
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.96	5.78 ng/ul	259361	Perylene-d12		25.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Heptadecanal	254	C17H34O	1000376-70-0	87
4	Hexadecanal	240	C16H32O	000629-80-1	86
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	86



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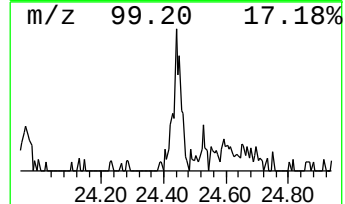
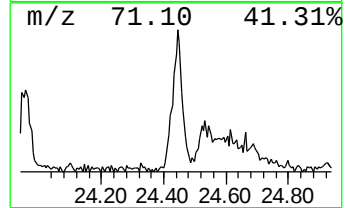
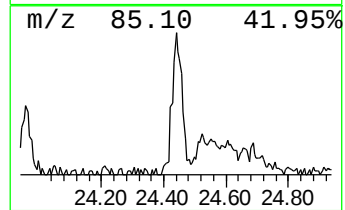
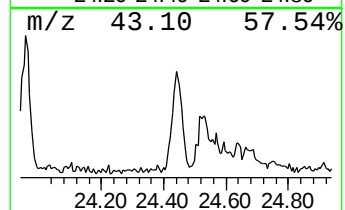
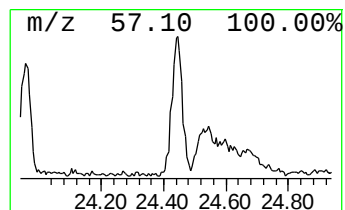
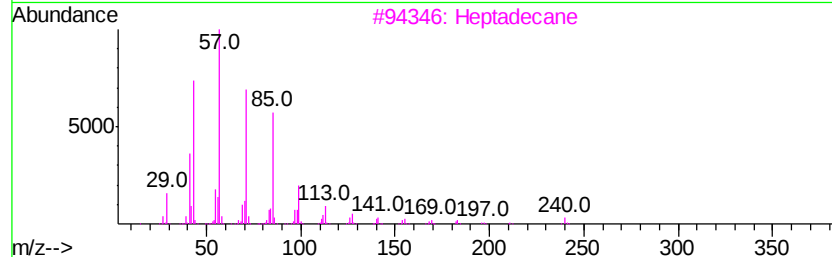
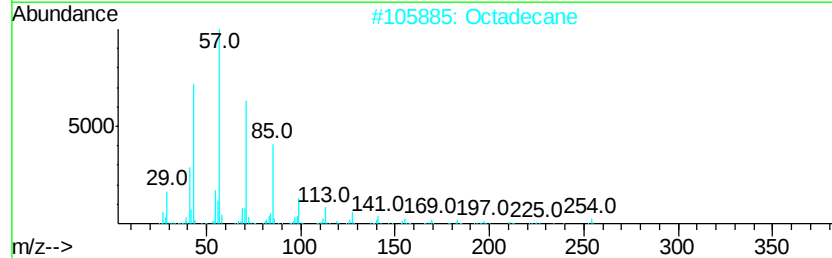
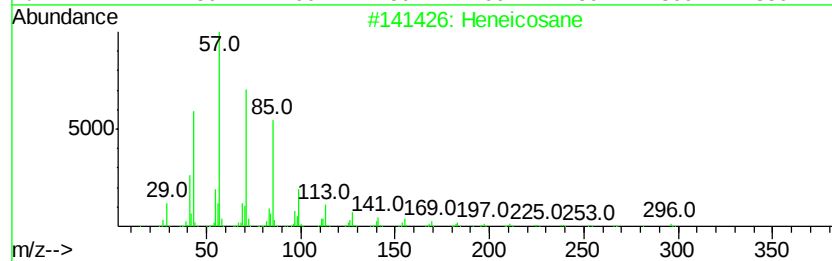
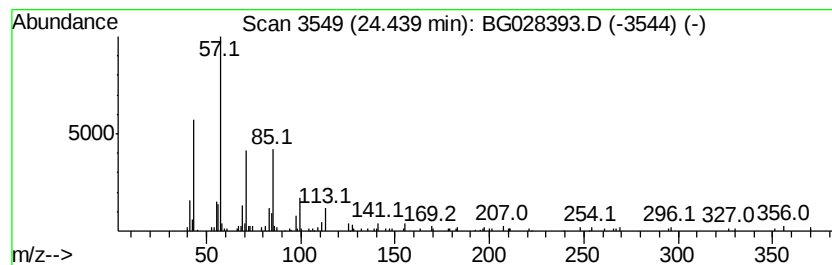
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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.
24.44	3.16 ng/ul	142039	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane	254	C18H38	000593-45-3	83
3			Heptadecane	240	C17H36	000629-78-7	72
4			Tetracosane	338	C24H50	000646-31-1	72
5			Hentriacontane	437	C31H64	000630-04-6	64



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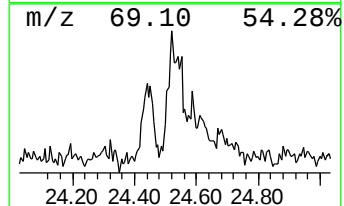
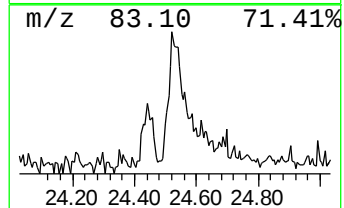
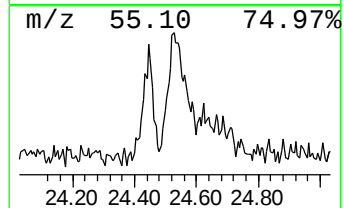
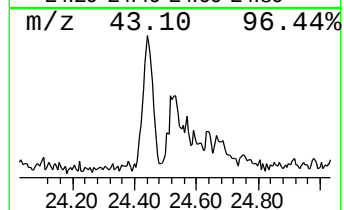
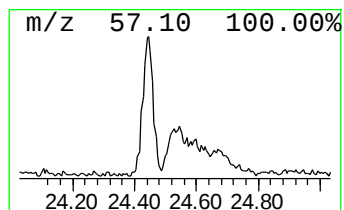
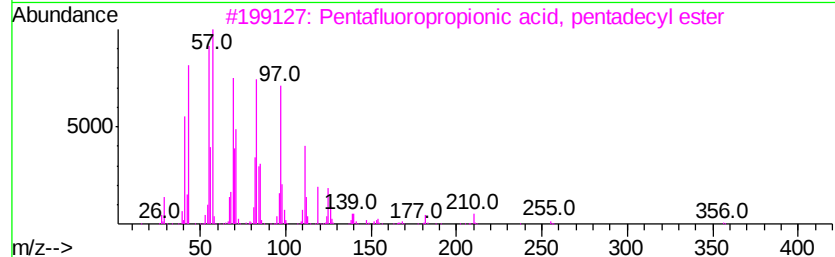
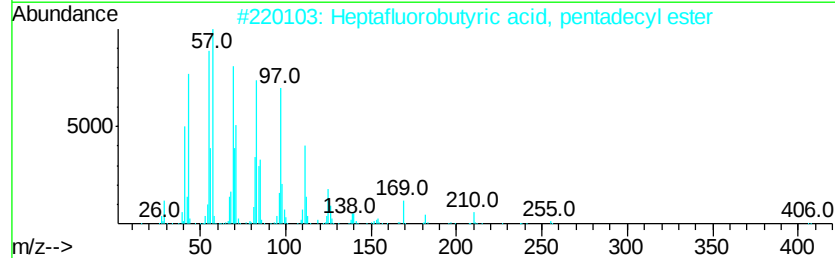
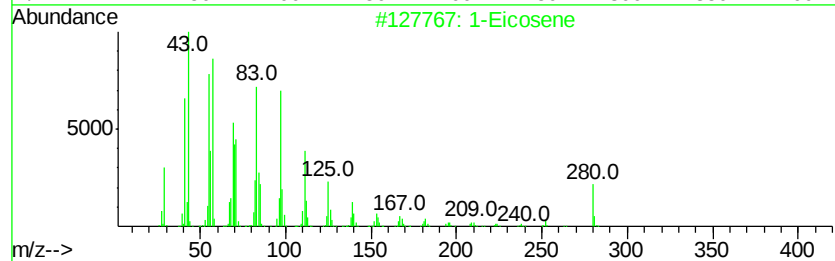
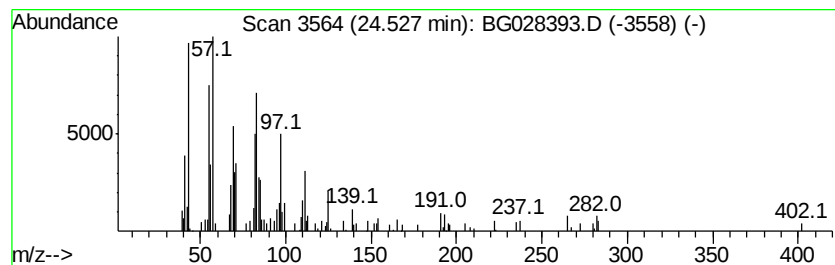
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic24.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	2.92 ng/ul	131037	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	86
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	74
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	74
4		1-Octadecanol	270	C18H38O	000112-92-5	74
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	74



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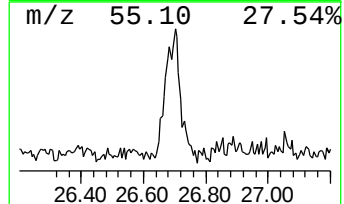
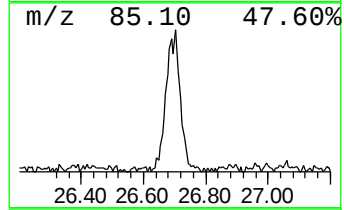
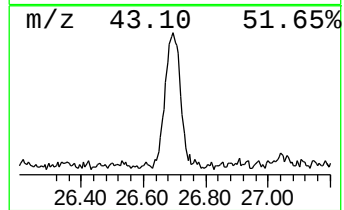
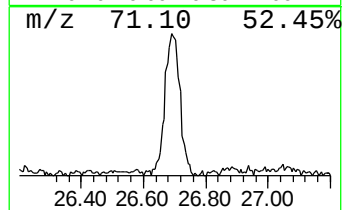
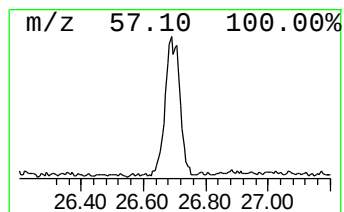
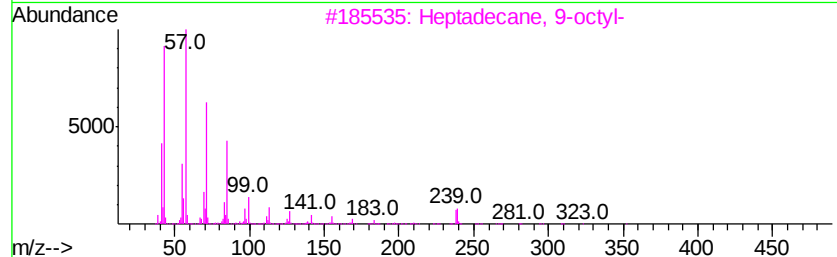
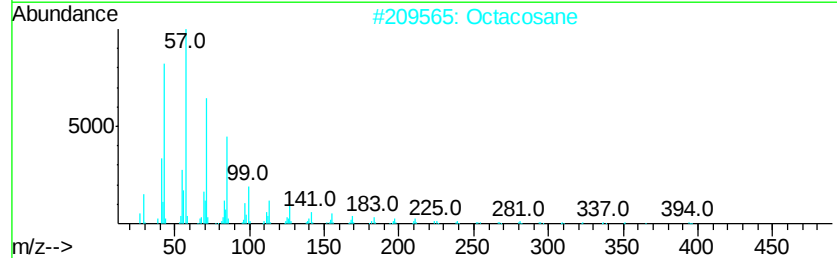
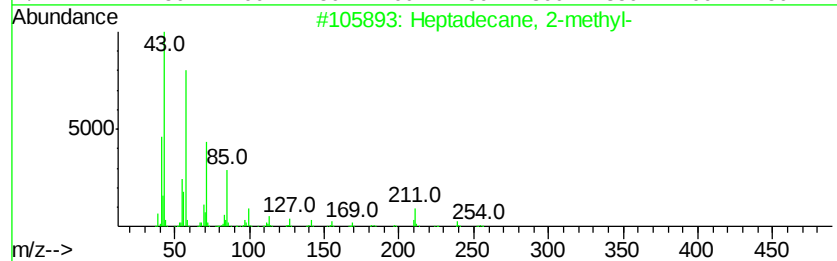
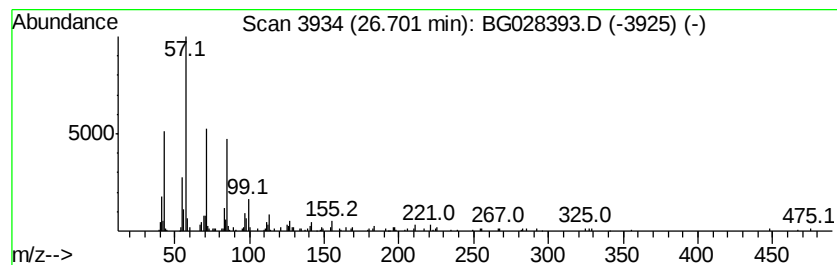
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	6.64 ng/ul	298138	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028393.D
Acq On : 21 Aug 2017 16:44
Operator : SJ/JU
Sample : I4713-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Octadecanal	23.96	5.8	ng/ul	259361	6	25.53	897872	20.0
(DEL) Alkane: Str...	24.44	3.2	ng/ul	142039	6	25.53	897872	20.0
(DEL) Alkane: Cyc...	24.53	2.9	ng/ul	131037	6	25.53	897872	20.0
(DEL) Alkane: Str...	26.70	6.6	ng/ul	298138	6	25.53	897872	20.0