

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022849.D
 Acq On : 5 Jul 2016 13:17
 Operator : UM/SJ
 Sample : H3811-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV3

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.285	73	76	79	rBV5	9668	11446	0.24%	0.021%
2	3.537	116	119	123	rVV5	13204	16767	0.36%	0.031%
3	3.819	163	167	170	rBV	30129	41550	0.88%	0.077%
4	4.042	202	205	207	rBV3	6514	8547	0.18%	0.016%
5	4.189	226	230	231	rBV3	7684	8658	0.18%	0.016%
6	4.295	246	248	253	rVV5	12869	16102	0.34%	0.030%
7	6.046	542	546	548	rBV3	7962	12132	0.26%	0.022%
8	6.210	570	574	577	rBV2	9248	12285	0.26%	0.023%
9	6.498	621	623	625	rBV3	7551	8241	0.17%	0.015%
10	6.569	629	635	642	rBV6	22241	49471	1.05%	0.092%
11	6.769	667	669	674	rVB4	8124	10552	0.22%	0.020%
12	7.303	754	760	770	rVB	638423	1131056	24.00%	2.095%
13	7.474	782	789	798	rVB	425958	704383	14.94%	1.305%
14	7.685	817	825	834	rBV	581584	980455	20.80%	1.816%
15	7.897	857	861	868	rVB3	50681	87543	1.86%	0.162%
16	8.155	897	905	912	rBV	470162	828043	17.57%	1.534%
17	8.226	912	917	925	rVV	166246	313535	6.65%	0.581%
18	8.449	952	955	958	rBV4	7742	11914	0.25%	0.022%
19	8.725	1000	1002	1008	rVB5	6299	9053	0.19%	0.017%
20	8.860	1018	1025	1035	rBV	810261	1396924	29.64%	2.588%
21	8.937	1035	1038	1043	rVB7	12134	19853	0.42%	0.037%
22	9.325	1097	1104	1112	rBV	586826	1048134	22.24%	1.942%
23	9.424	1116	1121	1125	rVV7	15630	27151	0.58%	0.050%
24	9.483	1128	1131	1133	rVB5	7663	8336	0.18%	0.015%
25	9.648	1155	1159	1160	rBV3	6668	8755	0.19%	0.016%
26	9.712	1166	1170	1175	rBV4	17910	26012	0.55%	0.048%
27	10.053	1220	1228	1238	rVB2	526529	965985	20.49%	1.790%
28	10.153	1238	1245	1247	rBV7	8871	16355	0.35%	0.030%
29	10.194	1247	1252	1262	rBV4	26178	66154	1.40%	0.123%
30	10.599	1313	1321	1333	rBV	874171	1563037	33.16%	2.896%
31	10.752	1342	1347	1356	rBV	55285	121771	2.58%	0.226%
32	10.981	1379	1386	1398	rBV	690494	1326972	28.15%	2.458%
33	11.117	1400	1409	1420	rBV	515410	996155	21.13%	1.845%
34	11.522	1473	1478	1479	rVB5	6965	10666	0.23%	0.020%

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35	11.874	1532	1538	1545	rBV7	23459	54085	1.15%	0.100%
36	11.986	1550	1557	1565	rVV2	46709	93465	1.98%	0.173%
37	12.057	1565	1569	1576	rVB6	30288	59234	1.26%	0.110%
38	12.444	1631	1635	1638	rBV3	9154	15943	0.34%	0.030%
39	12.491	1638	1643	1645	rBV4	12448	19422	0.41%	0.036%
40	12.556	1650	1654	1659	rBV5	22074	32285	0.68%	0.060%
41	12.985	1725	1727	1733	rVB6	11083	14849	0.32%	0.028%
42	13.314	1781	1783	1788	rVB5	8235	12507	0.27%	0.023%
43	13.349	1788	1789	1793	rBV4	7405	9633	0.20%	0.018%
44	13.596	1827	1831	1834	rBV5	9090	12752	0.27%	0.024%
45	13.672	1840	1844	1848	rBV7	18068	28138	0.60%	0.052%
46	13.708	1848	1850	1854	rBV5	17229	17872	0.38%	0.033%
47	13.849	1869	1874	1877	rVB7	7094	12940	0.27%	0.024%
48	13.995	1895	1899	1904	rBV6	10779	8409	0.18%	0.016%
49	14.125	1916	1921	1923	rBV4	15556	20272	0.43%	0.038%
50	14.195	1926	1933	1937	rVV	1711983	2527201	53.62%	4.682%
51	14.242	1937	1941	1950	rVB	522121	760511	16.13%	1.409%
52	14.313	1950	1953	1957	rBV4	7899	11162	0.24%	0.021%
53	14.424	1970	1972	1975	rBV4	7782	10438	0.22%	0.019%
54	14.495	1976	1984	1992	rVB	1719391	2769964	58.77%	5.131%
55	14.671	2010	2014	2018	rBV3	33476	43378	0.92%	0.080%
56	14.800	2028	2036	2042	rBV2	1347513	2238242	47.49%	4.146%
57	14.853	2042	2045	2050	rVB7	19679	33884	0.72%	0.063%
58	14.988	2061	2068	2083	rBV	733853	1340375	28.44%	2.483%
59	15.135	2092	2093	2095	rBV2	16395	12349	0.26%	0.023%
60	15.206	2101	2105	2112	rVB9	20652	42409	0.90%	0.079%
61	15.423	2139	2142	2143	rBV3	11915	8574	0.18%	0.016%
62	15.517	2155	2158	2164	rBV8	12507	21546	0.46%	0.040%
63	15.582	2164	2169	2170	rVV5	17671	23690	0.50%	0.044%
64	15.623	2172	2176	2181	rVB3	54040	78718	1.67%	0.146%
65	15.670	2182	2184	2189	rVB5	9809	12767	0.27%	0.024%
66	15.711	2189	2191	2194	rBV3	7157	8638	0.18%	0.016%
67	15.793	2197	2205	2212	rVV	2438439	3768274	79.95%	6.981%
68	15.899	2216	2223	2231	rBV	808673	1203139	25.53%	2.229%
69	16.028	2240	2245	2250	rVB6	47428	77310	1.64%	0.143%
70	16.175	2268	2270	2274	rBV4	12968	14315	0.30%	0.027%
71	16.287	2287	2289	2292	rVB4	12705	9252	0.20%	0.017%

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72	16.487	2319	2323	2329	rBV	71062	123880	2.63%	0.229%
73	16.745	2365	2367	2368	rBV2	14722	10787	0.23%	0.020%
74	16.998	2405	2410	2415	rBV9	26061	38474	0.82%	0.071%
75	17.062	2418	2421	2424	rVB3	21872	23116	0.49%	0.043%
76	17.280	2454	2458	2461	rBV	106786	117740	2.50%	0.218%
77	17.421	2479	2482	2484	rBV4	36547	48630	1.03%	0.090%
78	17.550	2498	2504	2511	rBV	1783752	2794916	59.30%	5.178%
79	17.650	2515	2521	2528	rVB	2440297	3727704	79.08%	6.906%
80	18.020	2580	2584	2590	rVB2	50757	73175	1.55%	0.136%
81	18.296	2625	2631	2638	rBV2	53209	112788	2.39%	0.209%
82	18.367	2639	2643	2646	rBV4	24985	34746	0.74%	0.064%
83	18.420	2647	2652	2659	rBV	453710	619773	13.15%	1.148%
84	18.713	2698	2702	2707	rBV7	25501	45181	0.96%	0.084%
85	18.925	2735	2738	2741	rVB5	19108	21501	0.46%	0.040%
86	19.272	2794	2797	2801	rVB	28368	37979	0.81%	0.070%
87	19.565	2839	2847	2849	rBV5	89200	191330	4.06%	0.354%
88	19.595	2849	2852	2858	rVB	185575	269530	5.72%	0.499%
89	19.683	2863	2867	2872	rBV2	193701	259613	5.51%	0.481%
90	19.930	2903	2909	2920	rBV	3010121	4713547	100.00%	8.732%
91	20.412	2989	2991	2992	rBV2	37176	28564	0.61%	0.053%
92	20.805	3054	3058	3063	rBV2	156147	249310	5.29%	0.462%
93	21.457	3165	3169	3183	rBV2	344051	591220	12.54%	1.095%
94	21.851	3229	3236	3242	rBV	1841899	3306252	70.14%	6.125%
95	22.656	3369	3373	3379	rBV	226194	397876	8.44%	0.737%
96	23.590	3527	3532	3535	rBV3	66035	108637	2.30%	0.201%
97	24.225	3636	3640	3647	rVB3	251901	522317	11.08%	0.968%
98	24.994	3761	3771	3789	rVB2	1450230	4264777	90.48%	7.901%
99	25.224	3800	3810	3820	rVB	1139354	3270971	69.40%	6.060%
100	26.416	4007	4013	4023	rVB4	244119	683540	14.50%	1.266%

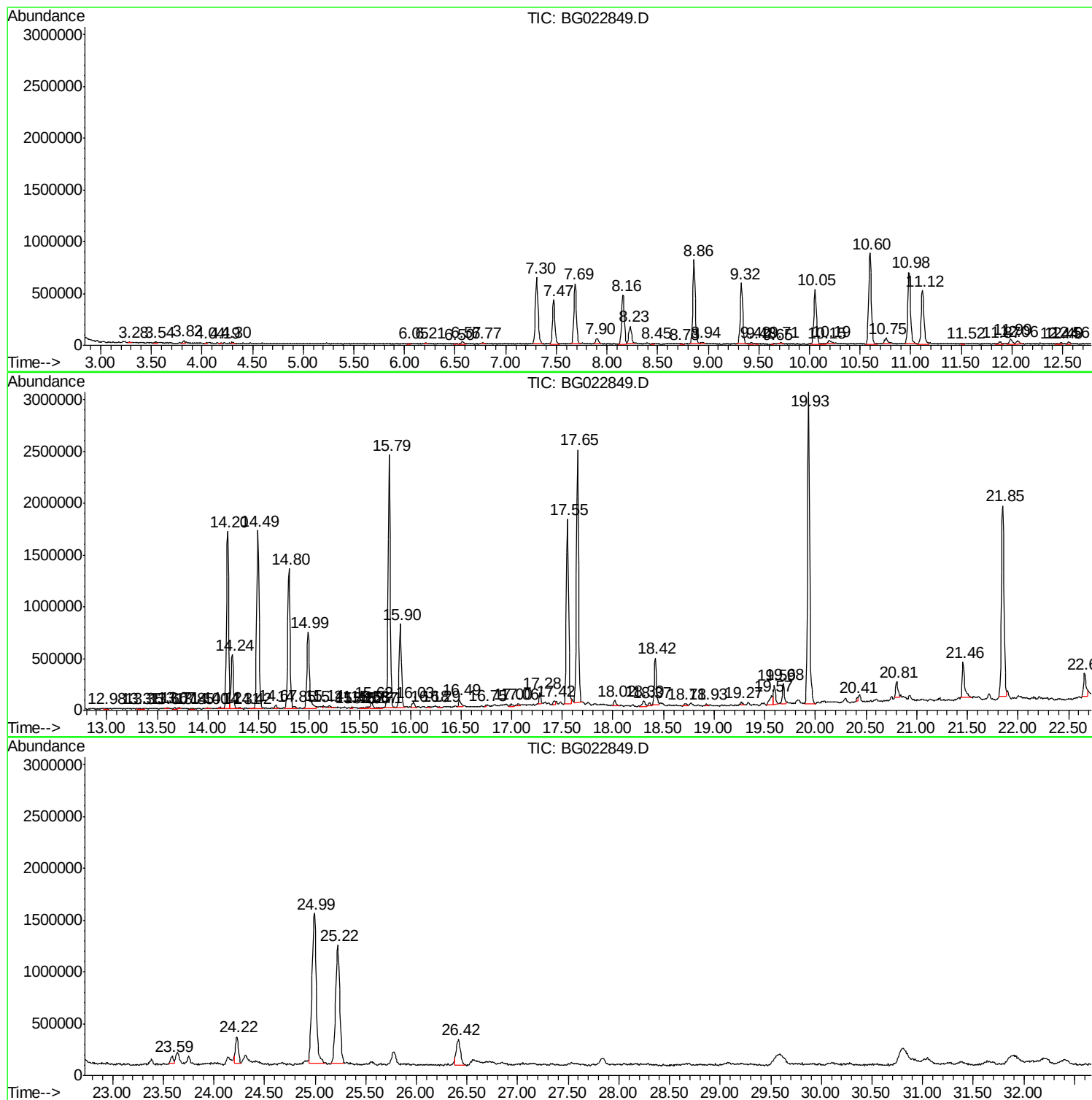
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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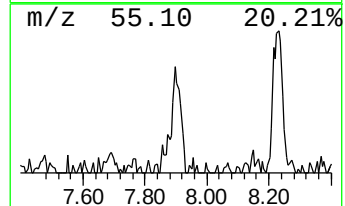
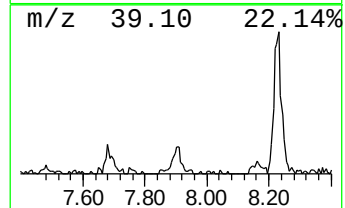
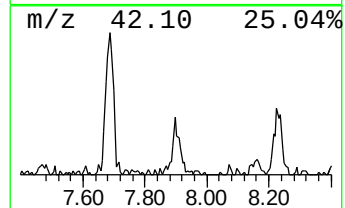
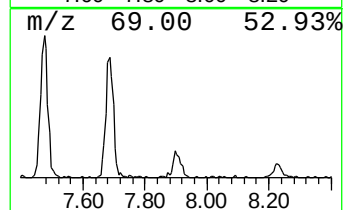
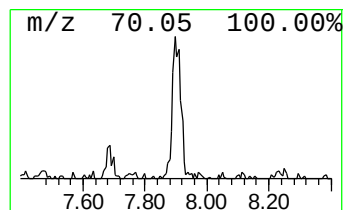
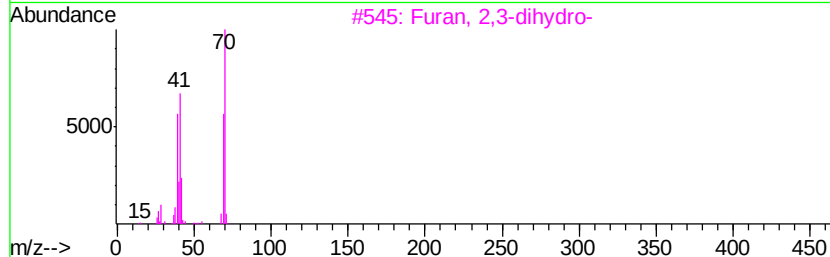
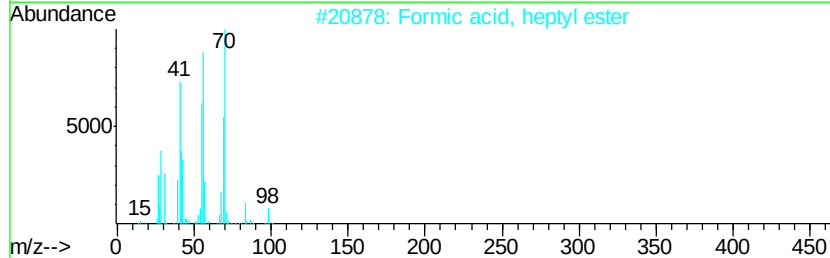
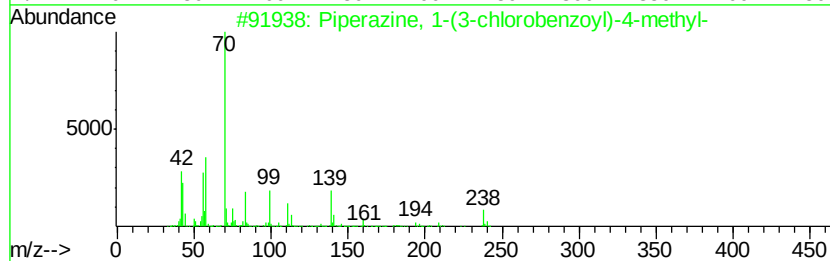
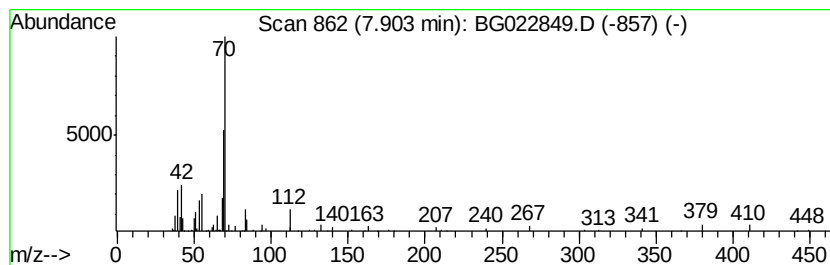
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.11 ng/ul	87543	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Piperazine, 1-(3-chlorobenzoyl)-...	238	C12H15ClN2O	333767-14-9	45
2		Formic acid, heptyl ester	144	C8H16O2	000112-23-2	45
3		Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	40
4		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	38
5		3,3,5-Trimethylcyclohexylamine	141	C9H19N	015901-42-5	38



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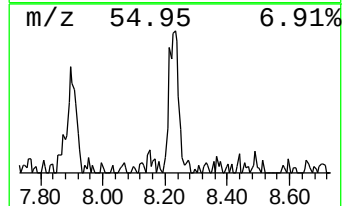
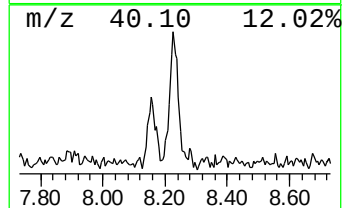
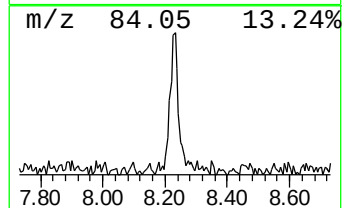
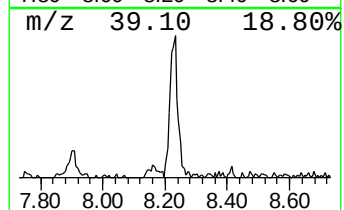
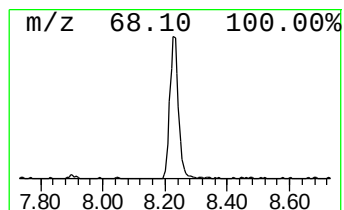
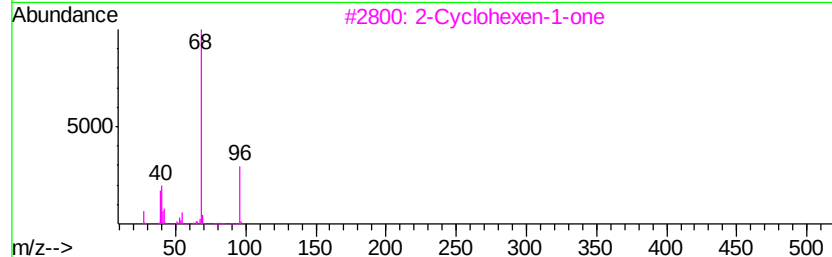
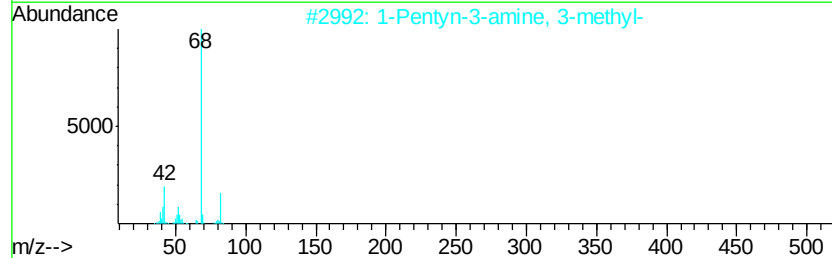
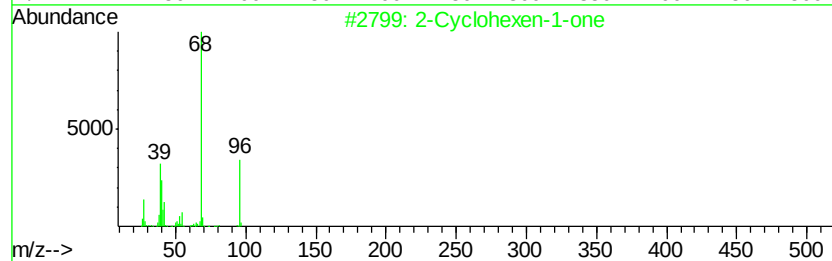
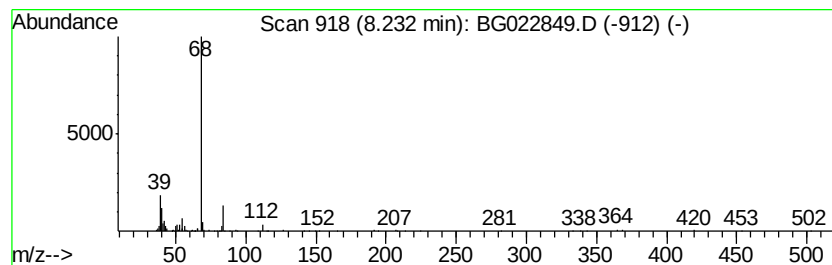
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Cyclohexen-1-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	7.57 ng/ul	313535	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	53
2		1-Pentyn-3-amine, 3-methyl-	97	C6H11N	018369-96-5	53
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	53
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	42
5		3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	36



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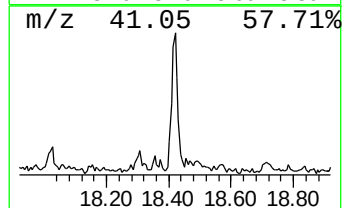
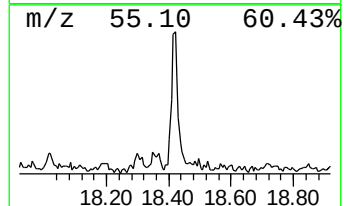
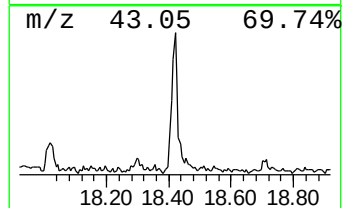
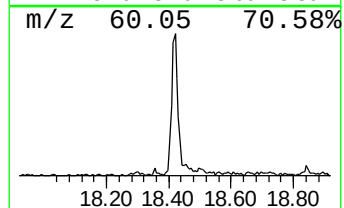
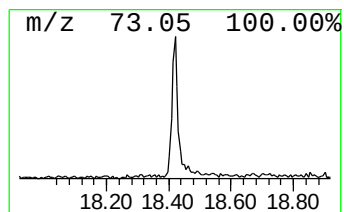
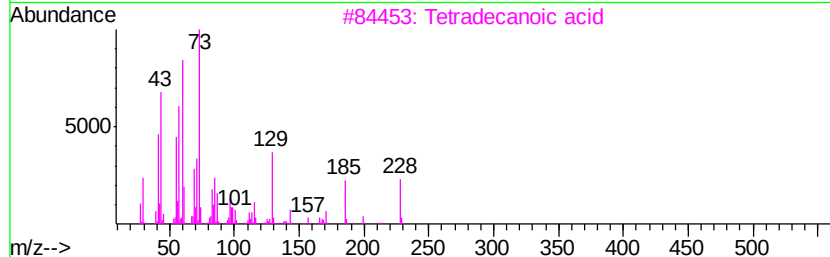
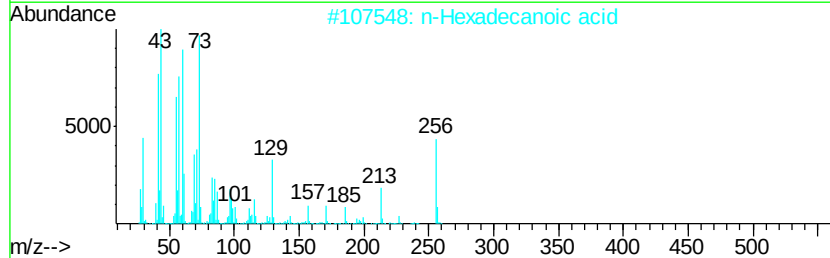
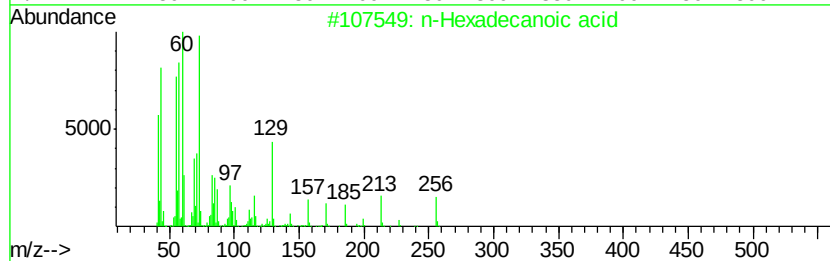
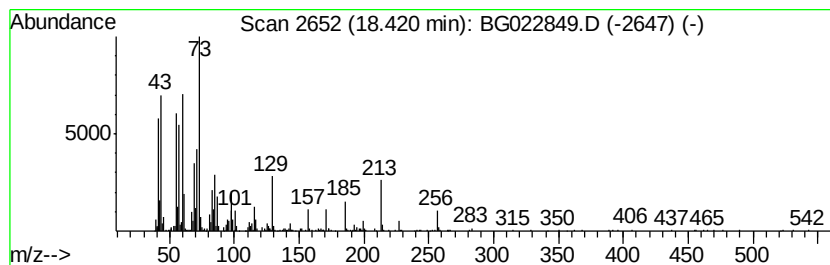
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.44 ng/ul	619773	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		Tridecanoic acid	214	C13H26O2	000638-53-9	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022849.D
Acq On : 5 Jul 2016 13:17
Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

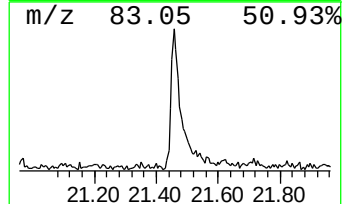
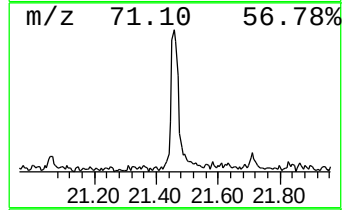
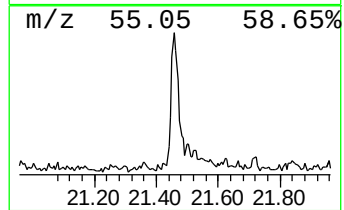
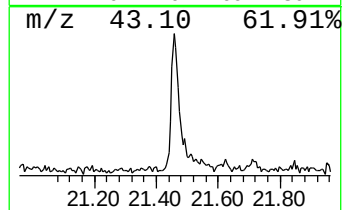
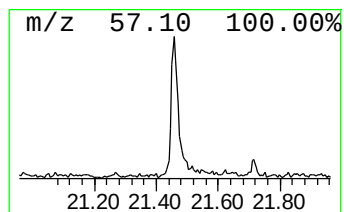
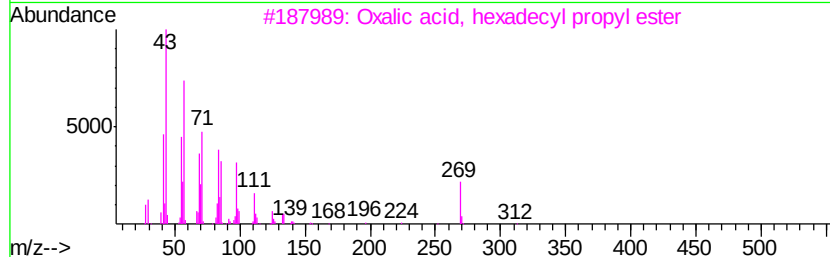
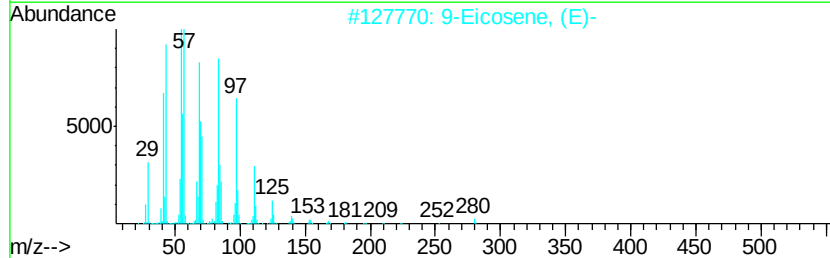
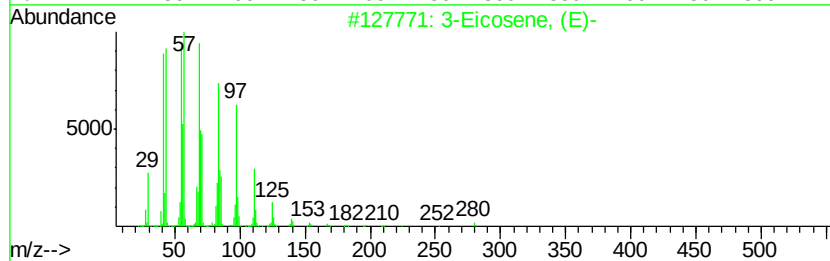
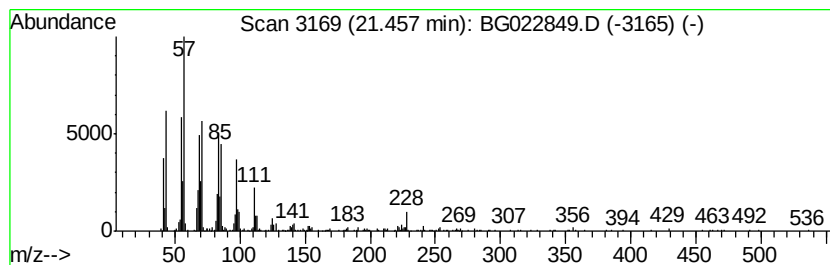
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.58 ng/ul	591220	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 89
2	9-Eicosene, (E)-		280 C20H40	074685-29-3 87
3	Oxalic acid, hexadecyl propyl ester		356 C21H40O4	1000309-26-9 87
4	Oxalic acid, isobutyl tetradecyl...		342 C20H38O4	1000309-37-9 83
5	1-Decanol, 2-hexyl-		242 C16H34O	002425-77-6 81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022849.D
Acq On : 5 Jul 2016 13:17
Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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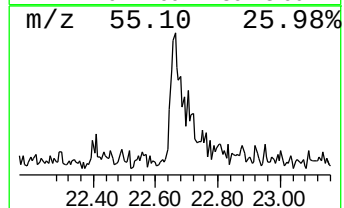
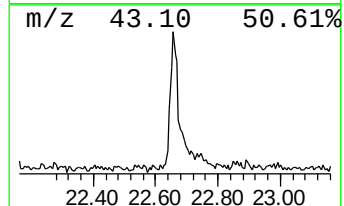
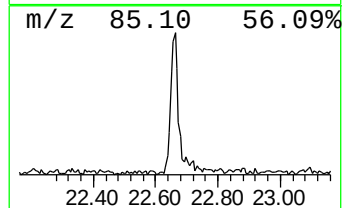
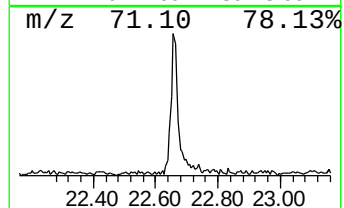
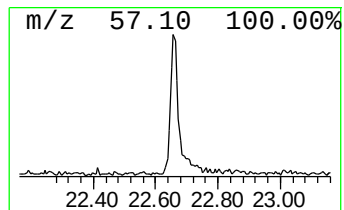
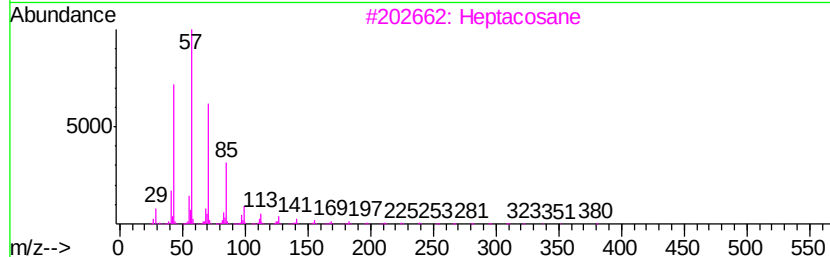
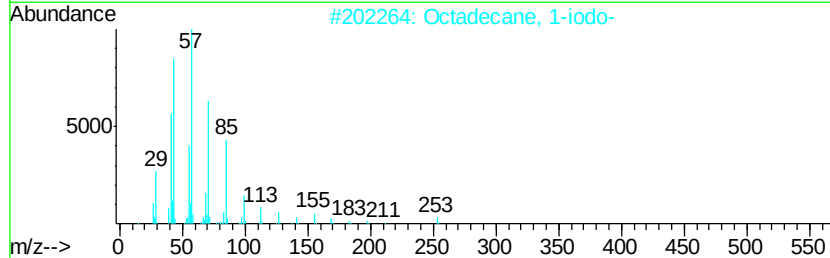
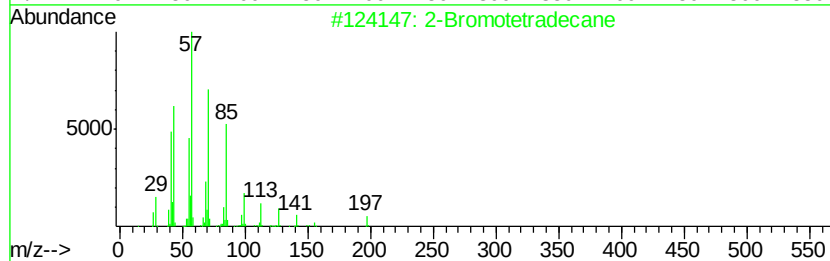
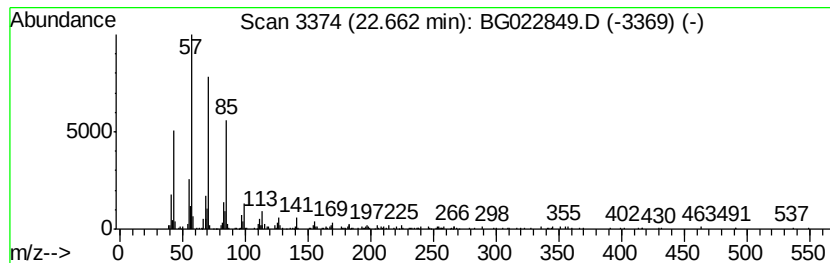
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Bromotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.41 ng/ul	397876	Chrysene-d12	21.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	80
3	Heptacosane		380	C27H56	000593-49-7	64
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	59
5	Sulfurous acid, nonyl 2-propyl e...		250	C12H26O3S	1000309-12-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022849.D
Acq On : 5 Jul 2016 13:17
Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

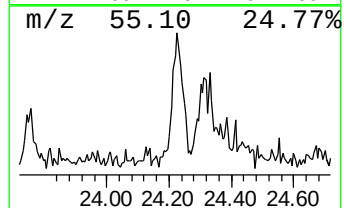
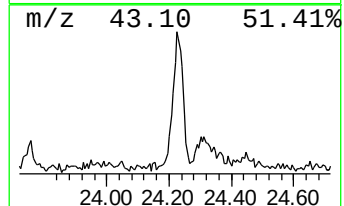
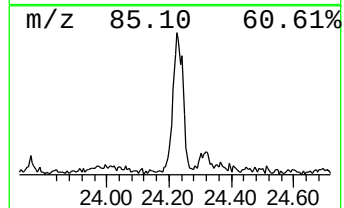
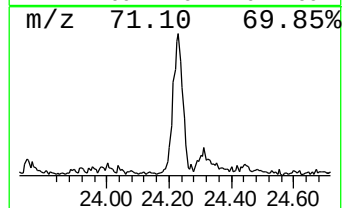
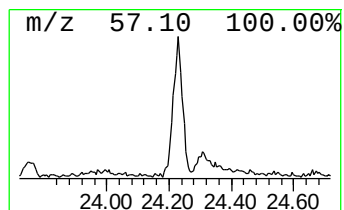
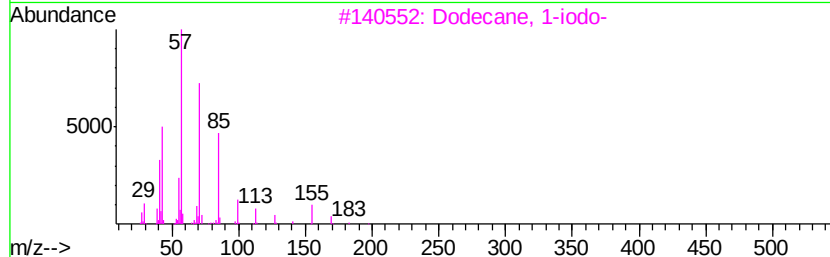
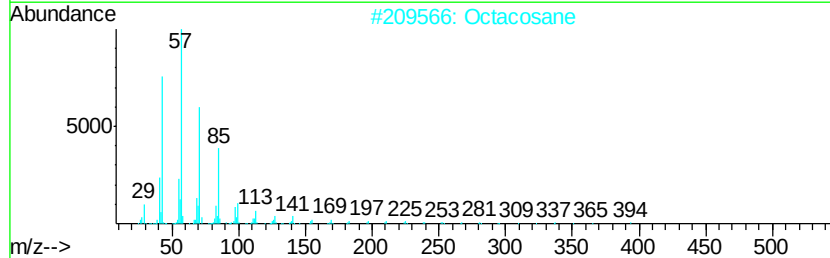
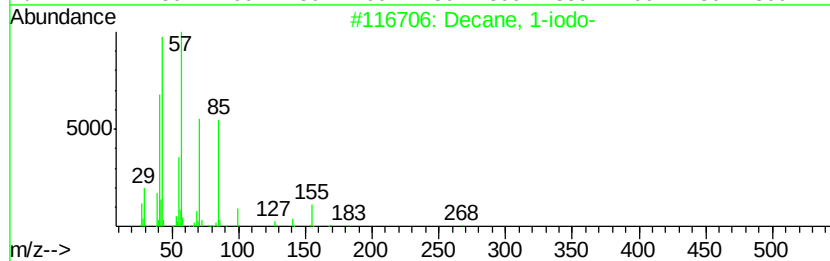
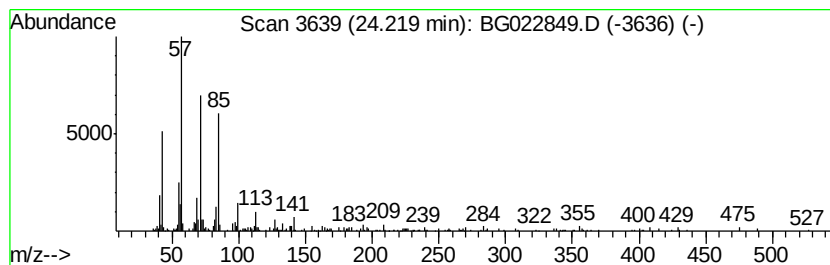
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Decane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.19 ng/ul	522317	Perylene-d12	25.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 1-iodo-	268 C10H21I	002050-77-3	90
2	Octacosane	394 C28H58	000630-02-4	80
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72
4	Eicosane	282 C20H42	000112-95-8	70
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022849.D
Acq On : 5 Jul 2016 13:17
Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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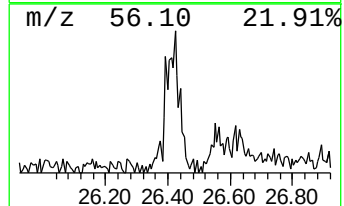
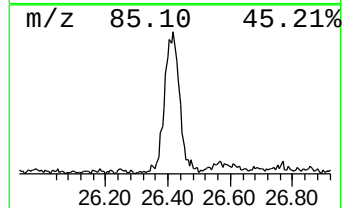
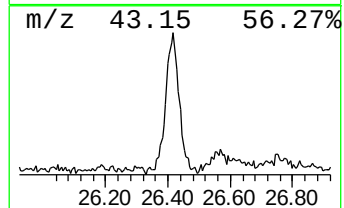
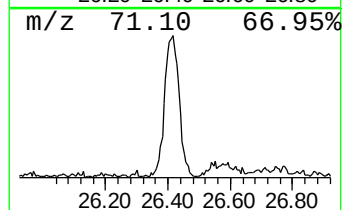
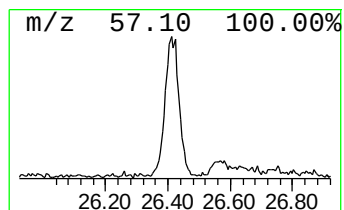
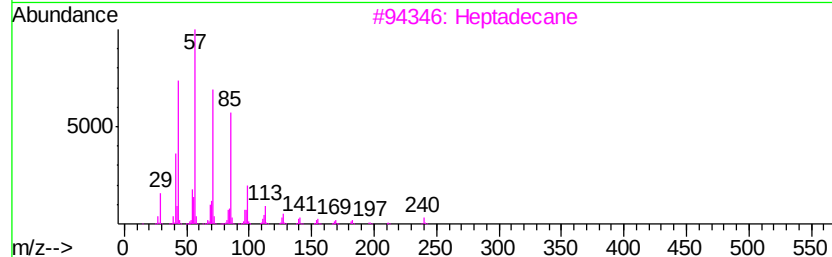
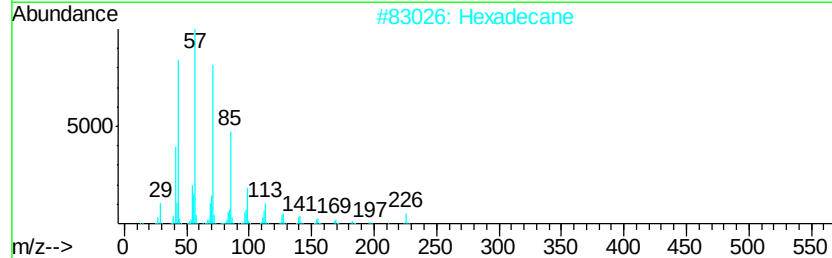
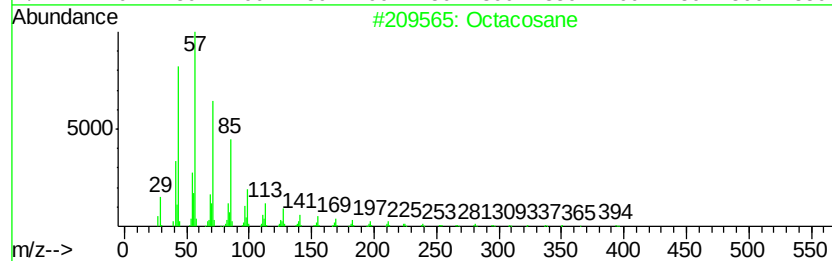
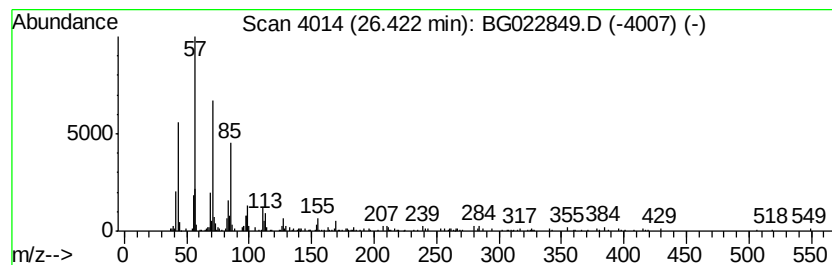
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	4.18 ng/ul	683540	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexadecane	226	C16H34	000544-76-3	83
3		Heptadecane	240	C17H36	000629-78-7	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
Data File : BG022849.D
Acq On : 5 Jul 2016 13:17
Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
unknown-01	7.90	2.1	ng/ul	87543	1	8.16	828043	20.0
2-Cyclohexen-1-one	8.23	7.6	ng/ul	313535	1	8.16	828043	20.0
n-Hexadecanoic acid	18.42	4.4	ng/ul	619773	4	17.55	2794920	20.0
(DEL) Alkane: Cyc...	21.46	3.6	ng/ul	591220	5	21.85	3306250	20.0
2-Bromotetradecane	22.66	2.4	ng/ul	397876	5	21.85	3306250	20.0
Decane, 1-iodo-	24.22	3.2	ng/ul	522317	6	25.22	3270970	20.0
(DEL) Alkane: Str...	26.42	4.2	ng/ul	683540	6	25.22	3270970	20.0