

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
 Data File : BG026952.D
 Acq On : 11 May 2017 20:51
 Operator : SJ/MA
 Sample : I3054-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCK4

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-BG042717.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	3.423	52	57	73	rVB	35031	65525	1.79%	0.151%
2	3.699	98	104	109	rBV9	3271	6005	0.16%	0.014%
3	3.911	135	140	145	rBV8	3753	6857	0.19%	0.016%
4	4.181	180	186	195	rVB7	4000	10725	0.29%	0.025%
5	4.510	238	242	248	rBV5	4590	8382	0.23%	0.019%
6	5.109	333	344	350	rVV2	20234	38051	1.04%	0.087%
7	6.050	501	504	511	rVV5	3279	6869	0.19%	0.016%
8	6.214	527	532	541	rVB8	5400	12071	0.33%	0.028%
9	7.189	690	698	712	rBV	144540	293493	8.04%	0.675%
10	7.330	714	722	735	rBV	580897	984101	26.94%	2.263%
11	7.430	735	739	746	rVB7	5783	10604	0.29%	0.024%
12	7.542	750	758	770	rBV	583108	1055277	28.89%	2.427%
13	8.006	829	837	845	rBV	563238	954345	26.13%	2.195%
14	8.065	845	847	852	rVV6	6535	10951	0.30%	0.025%
15	8.723	948	959	974	rBV	460318	895705	24.52%	2.060%
16	8.829	974	977	984	rVB2	13813	26746	0.73%	0.062%
17	9.164	1025	1034	1051	rVB	686776	1231982	33.73%	2.833%
18	9.322	1056	1061	1065	rBV5	7673	13629	0.37%	0.031%
19	9.569	1099	1103	1106	rBV6	3543	5348	0.15%	0.012%
20	9.886	1145	1157	1173	rBV	567031	1040730	28.50%	2.393%
21	10.268	1215	1222	1227	rVB9	4078	9165	0.25%	0.021%
22	10.438	1243	1251	1275	rVV	760919	1559684	42.70%	3.587%
23	10.715	1295	1298	1303	rVV6	2710	6054	0.17%	0.014%
24	10.803	1303	1313	1332	rVV	880245	1610007	44.08%	3.702%
25	10.956	1332	1339	1347	rVB7	4973	12589	0.34%	0.029%
26	11.473	1419	1427	1436	rVB6	5174	13555	0.37%	0.031%
27	12.048	1515	1525	1532	rBV	7320	14185	0.39%	0.033%
28	12.278	1559	1564	1570	rBV4	3051	6237	0.17%	0.014%
29	12.389	1572	1583	1589	rBV	17947	32506	0.89%	0.075%
30	12.601	1613	1619	1626	rVB2	5116	11102	0.30%	0.026%
31	12.677	1626	1632	1637	rBV3	7779	14745	0.40%	0.034%
32	12.924	1667	1674	1677	rBV6	3360	5832	0.16%	0.013%
33	13.077	1694	1700	1704	rVB5	4844	6353	0.17%	0.015%
34	13.229	1719	1726	1734	rBV5	11332	22196	0.61%	0.051%

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35	13.353	1741	1747	1759	rBV2	22707	56464	1.55%	0.130%
36	13.599	1785	1789	1795	rVB7	6568	13241	0.36%	0.030%
37	13.817	1819	1826	1829	rBV3	3406	5879	0.16%	0.014%
38	13.852	1829	1832	1840	rVB7	3409	5621	0.15%	0.013%
39	14.017	1853	1860	1877	rVV	1565689	2331285	63.83%	5.361%
40	14.169	1883	1886	1890	rVB3	4271	6069	0.17%	0.014%
41	14.310	1900	1910	1928	rBV	1930068	3129564	85.69%	7.197%
42	14.616	1950	1962	1973	rBV2	1265143	2101697	57.54%	4.833%
43	14.857	1995	2003	2016	rBV2	59719	181434	4.97%	0.417%
44	15.092	2039	2043	2049	rVB6	3976	7609	0.21%	0.017%
45	15.286	2065	2076	2083	rVV9	9000	26900	0.74%	0.062%
46	15.350	2083	2087	2091	rVV3	7424	13027	0.36%	0.030%
47	15.421	2091	2099	2104	rVB2	25927	45250	1.24%	0.104%
48	15.603	2122	2130	2145	rVV	2326450	3614759	98.97%	8.312%
49	15.732	2146	2152	2166	rBV	427802	681371	18.66%	1.567%
50	15.844	2166	2171	2177	rVB2	34553	56244	1.54%	0.129%
51	15.961	2186	2191	2198	rVB2	29316	47321	1.30%	0.109%
52	16.120	2211	2218	2222	rBV4	4498	8369	0.23%	0.019%
53	16.214	2229	2234	2236	rVV4	5282	6724	0.18%	0.015%
54	16.314	2244	2251	2254	rBV6	2715	5969	0.16%	0.014%
55	16.555	2289	2292	2295	rVB4	5067	6657	0.18%	0.015%
56	16.943	2354	2358	2363	rVB	31035	40059	1.10%	0.092%
57	17.013	2363	2370	2375	rVB9	4679	7841	0.21%	0.018%
58	17.072	2375	2380	2388	rBV8	6388	14124	0.39%	0.032%
59	17.142	2388	2392	2400	rVB3	9001	13737	0.38%	0.032%
60	17.301	2412	2419	2421	rVV6	7161	12620	0.35%	0.029%
61	17.354	2421	2428	2436	rVV2	1371656	2067602	56.61%	4.755%
62	17.454	2436	2445	2455	rVV2	2336972	3625596	99.27%	8.337%
63	17.530	2455	2458	2466	rVB5	8340	16093	0.44%	0.037%
64	17.624	2467	2474	2479	rVB3	8955	14051	0.38%	0.032%
65	17.730	2487	2492	2500	rVB7	5522	12430	0.34%	0.029%
66	17.800	2500	2504	2509	rBV2	19492	25011	0.68%	0.058%
67	17.894	2513	2520	2524	rBV	174952	227225	6.22%	0.523%
68	17.947	2524	2529	2536	rVV	471261	588817	16.12%	1.354%
69	18.012	2536	2540	2545	rVB4	21118	30144	0.83%	0.069%
70	18.171	2562	2567	2571	rBV8	5800	7152	0.20%	0.016%
71	18.235	2571	2578	2586	rBV8	19567	47366	1.30%	0.109%

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72	18.306	2586	2590	2601	rVV4	13078	32328	0.89%	0.074%
73	18.488	2617	2621	2623	rBV4	15188	18161	0.50%	0.042%
74	18.523	2623	2627	2632	rVB	28781	40983	1.12%	0.094%
75	18.605	2636	2641	2643	rBV4	4000	6369	0.17%	0.015%
76	18.746	2662	2665	2669	rVB4	9915	12225	0.33%	0.028%
77	18.817	2671	2677	2682	rVB	49289	65724	1.80%	0.151%
78	18.864	2682	2685	2689	rBV6	4445	6222	0.17%	0.014%
79	18.923	2694	2695	2700	rBV5	6267	8936	0.24%	0.021%
80	18.970	2700	2703	2707	rVB4	7879	10975	0.30%	0.025%
81	19.087	2718	2723	2730	rVB3	24391	35364	0.97%	0.081%
82	19.199	2736	2742	2743	rBV6	4554	8737	0.24%	0.020%
83	19.293	2753	2758	2763	rBV9	5250	10575	0.29%	0.024%
84	19.369	2763	2771	2778	rBV	30466	60556	1.66%	0.139%
85	19.428	2778	2781	2782	rBV3	6909	5898	0.16%	0.014%
86	19.498	2787	2793	2801	rBV3	18042	42359	1.16%	0.097%
87	19.563	2802	2804	2807	rVB4	10262	9384	0.26%	0.022%
88	19.622	2808	2814	2820	rVV2	26053	45647	1.25%	0.105%
89	19.733	2825	2833	2845	rBV	2547298	3652290	100.00%	8.399%
90	20.045	2881	2886	2889	rBV6	16324	29297	0.80%	0.067%
91	21.596	3143	3150	3162	rBV	1254505	2065002	56.54%	4.749%
92	22.360	3277	3280	3284	rBV5	23497	36048	0.99%	0.083%
93	23.018	3385	3392	3408	rBV3	247865	568313	15.56%	1.307%
94	23.823	3522	3529	3538	rVB2	81354	186065	5.09%	0.428%
95	24.551	3641	3653	3676	rBV2	1174773	3641814	99.71%	8.374%
96	24.769	3677	3690	3712	rVB	697385	2372035	64.95%	5.455%
97	25.838	3864	3872	3883	rBV2	112471	342417	9.38%	0.787%
98	27.154	4086	4096	4111	rVB4	112189	414463	11.35%	0.953%
99	28.735	4357	4365	4379	rVB3	77259	323316	8.85%	0.743%
100	30.650	4680	4691	4710	rVB6	64289	332538	9.10%	0.765%

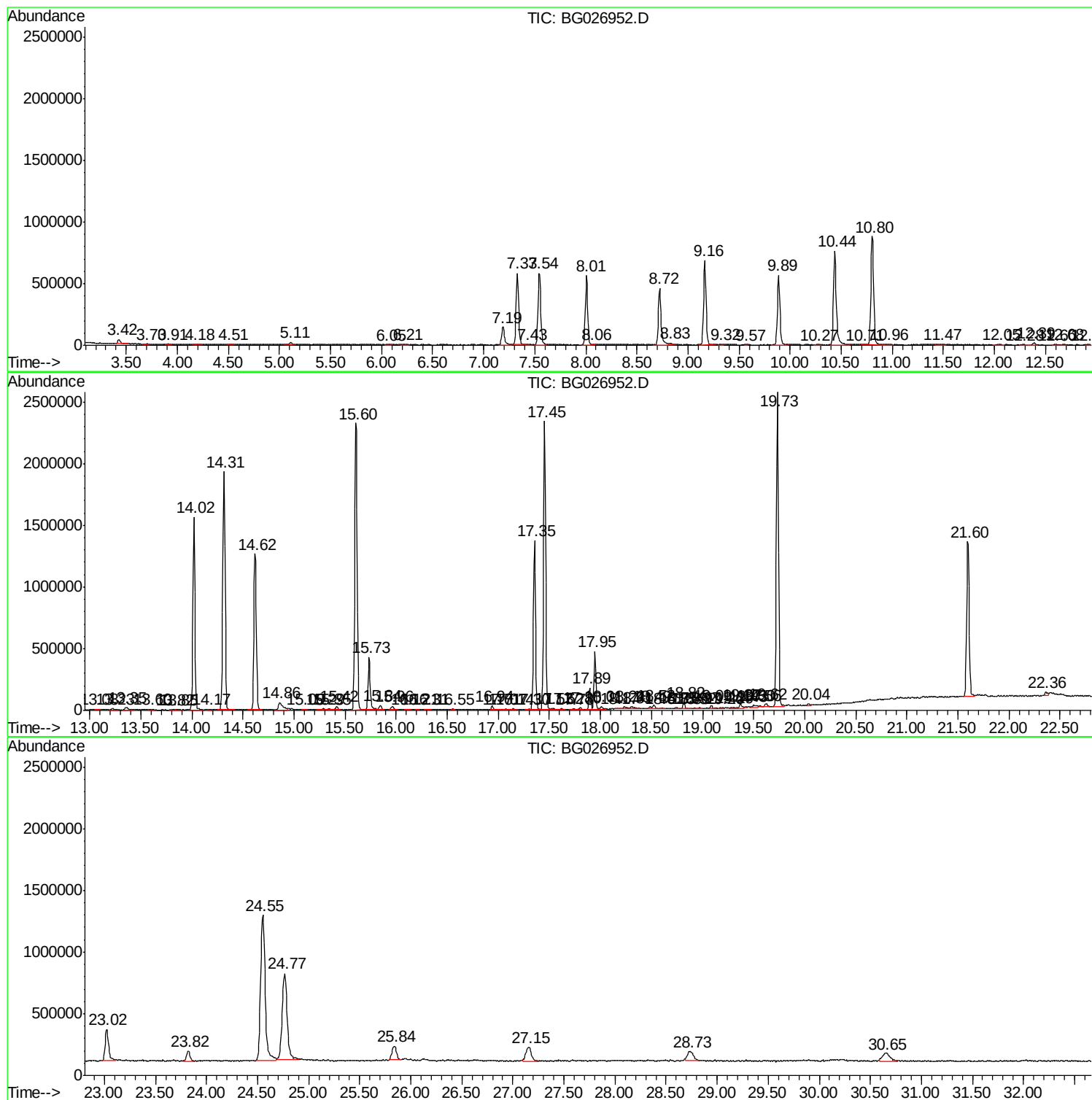
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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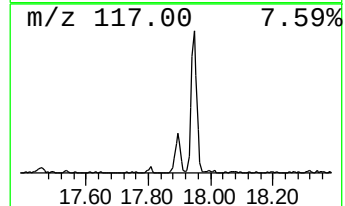
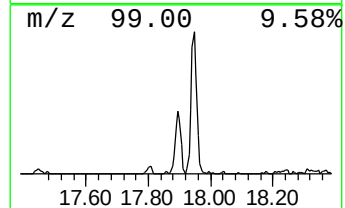
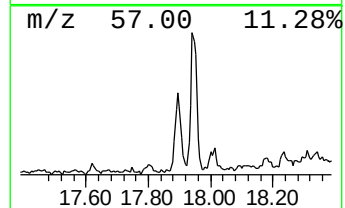
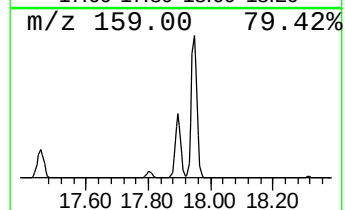
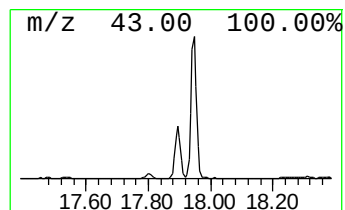
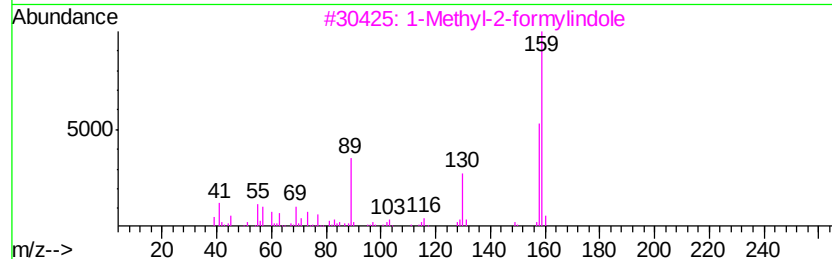
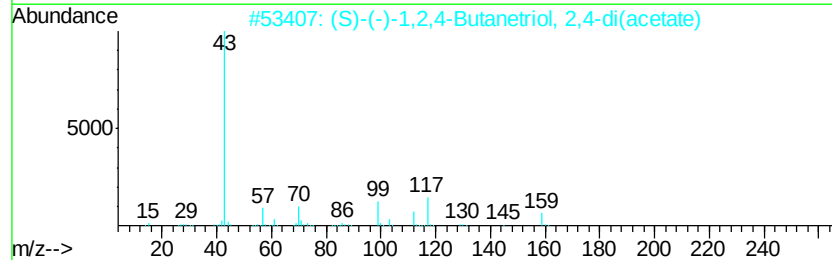
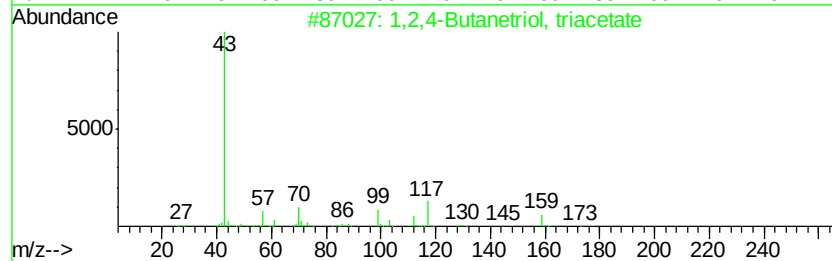
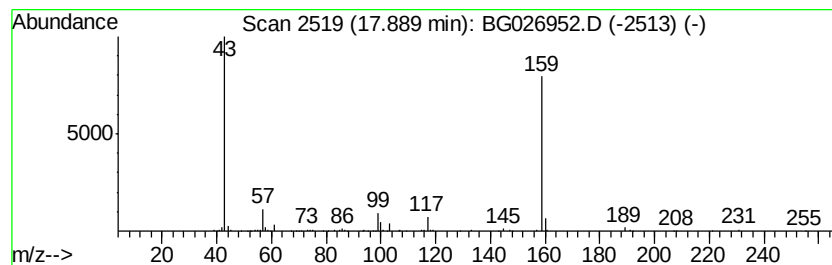
Instrument :
BNA_G
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.	
17.89	2.20 ng/ul	227225	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Butanetriol, triacetate	232	C10H16O6	014835-47-3	14
2	(S)-(-)-1,2,4-Butanetriol, 2,4-d...	190	C8H14O5	1000374-86-7	10
3	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	9
4	Oxazole, 5-methyl-2-phenyl-	159	C10H9NO	005221-67-0	9
5	4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9



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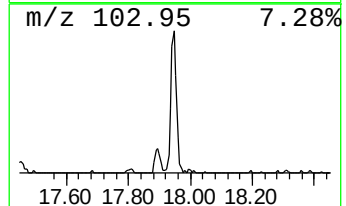
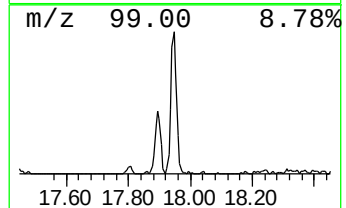
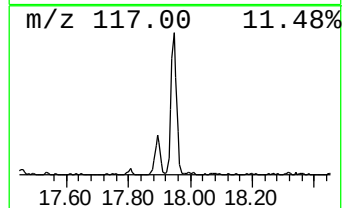
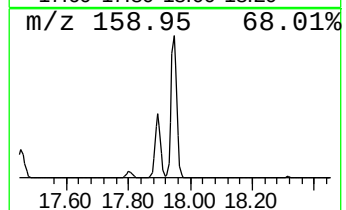
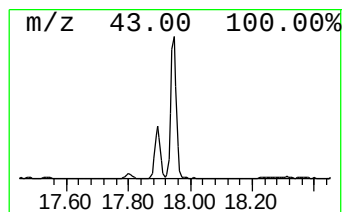
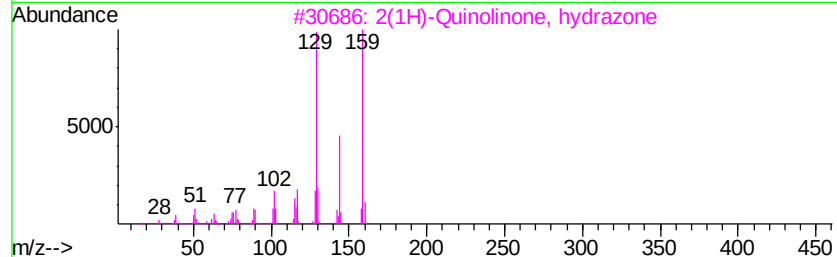
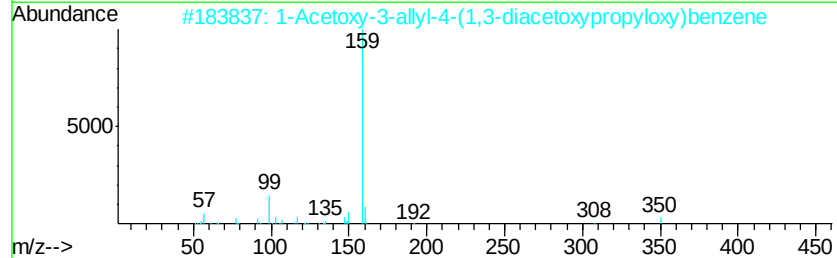
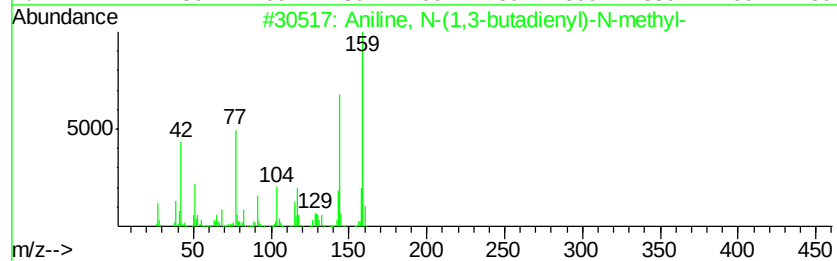
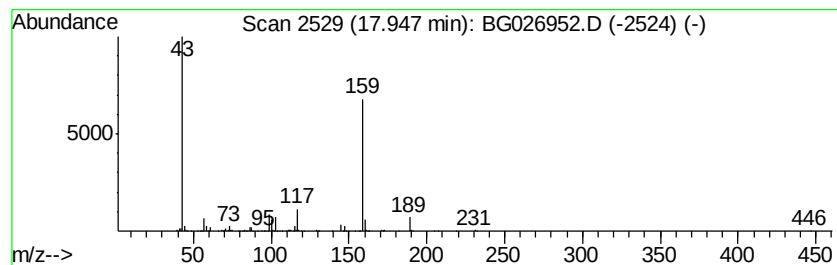
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	5.70 ng/ul	588817	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aniline, N-(1,3-butadienyl)-N-me...	159	C11H13N	135712-27-5	37
2		1-Acetoxy-3-allyl-4-(1,3-diaceto...	350	C18H22O7	1000280-76-4	36
3		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	25
4		1,2,4-Butanetriol, triacetate	232	C10H16O6	014835-47-3	17
5		Acetic acid, thio-, S-hexyl ester	160	C8H16OS	002307-12-2	12



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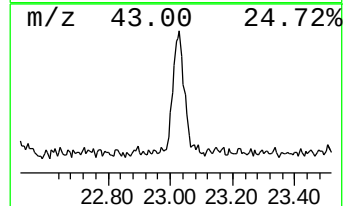
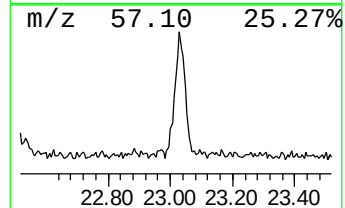
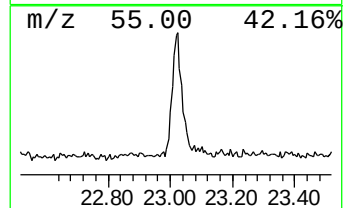
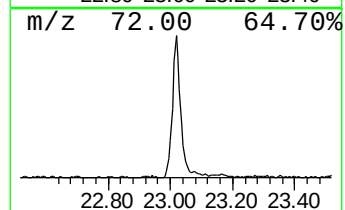
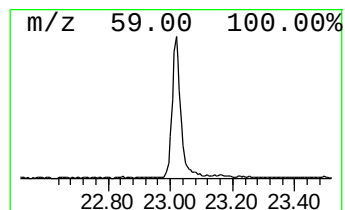
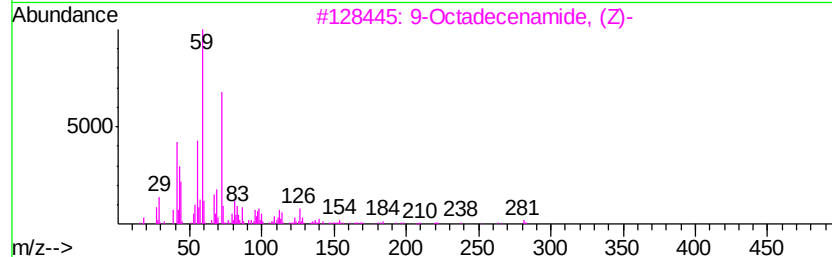
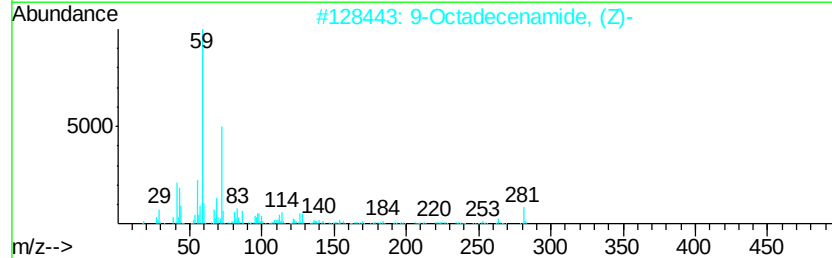
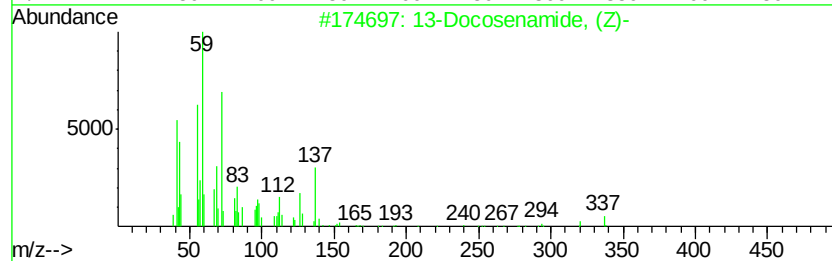
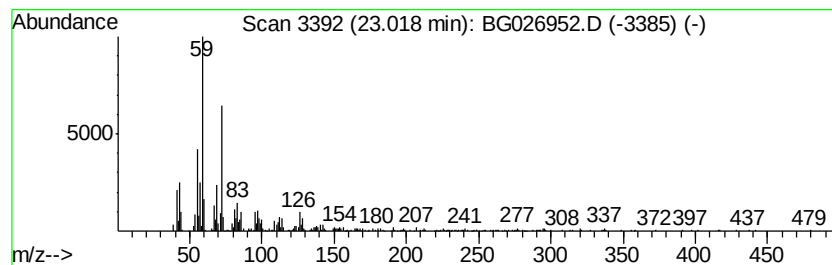
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Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	5.50 ng/ul	568313	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026952.D
Acq On : 11 May 2017 20:51
Operator : SJ/MA
Sample : I3054-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK4

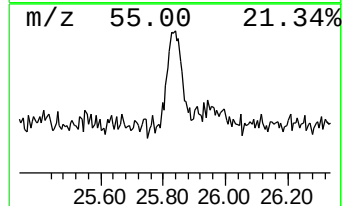
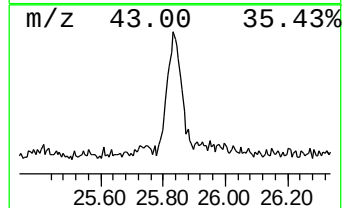
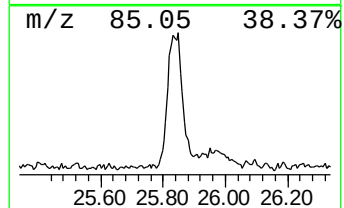
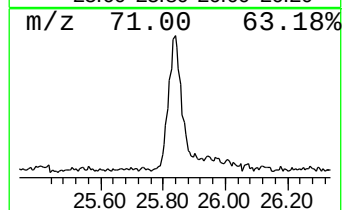
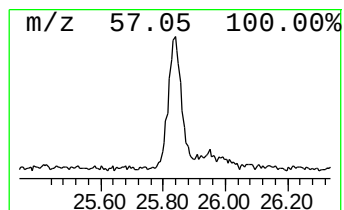
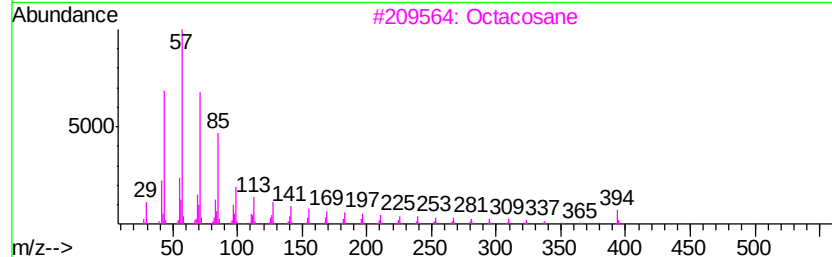
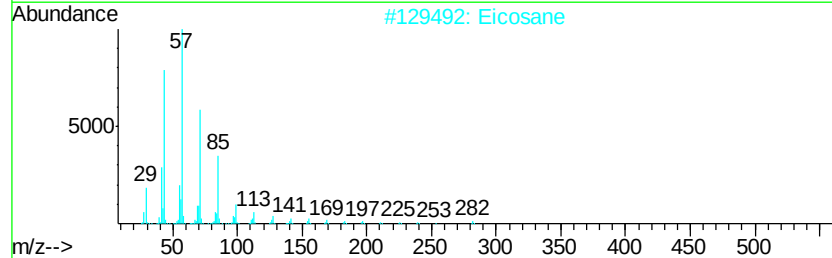
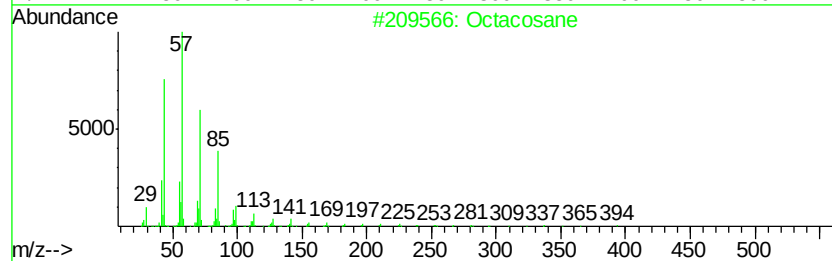
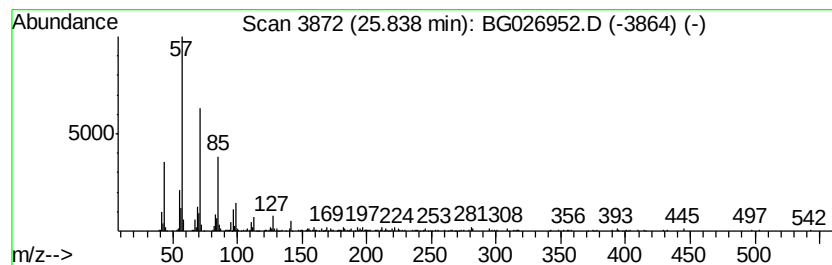
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.89 ng/ul	342417	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026952.D
Acq On : 11 May 2017 20:51
Operator : SJ/MA
Sample : I3054-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK4

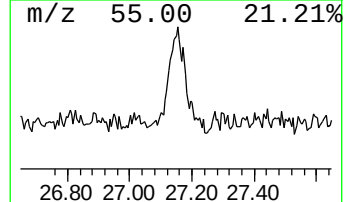
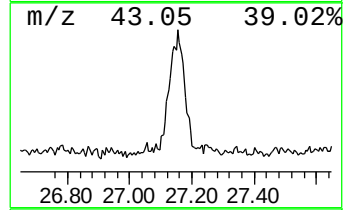
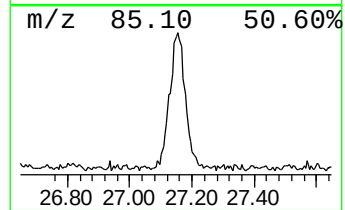
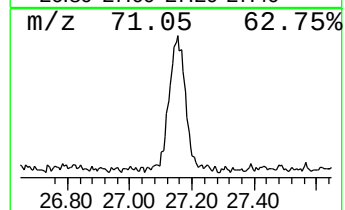
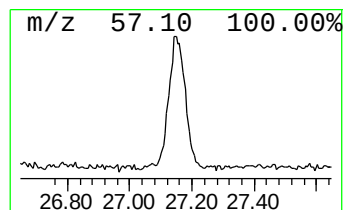
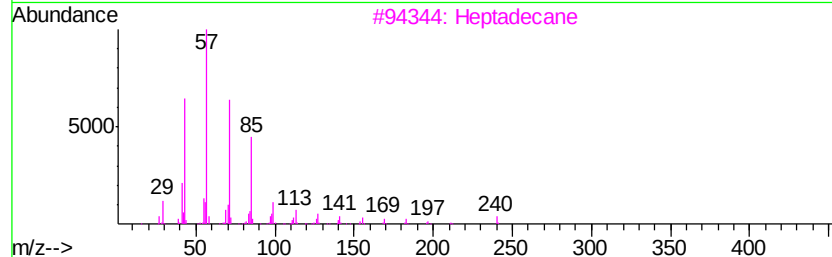
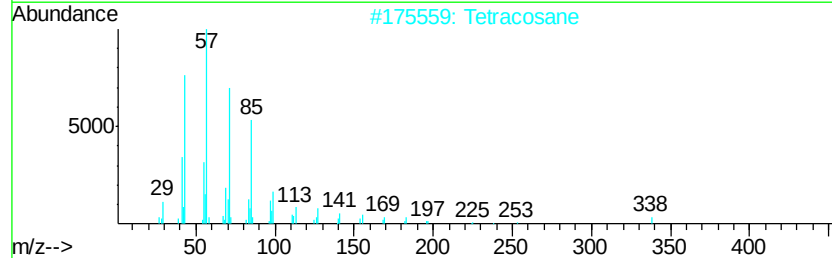
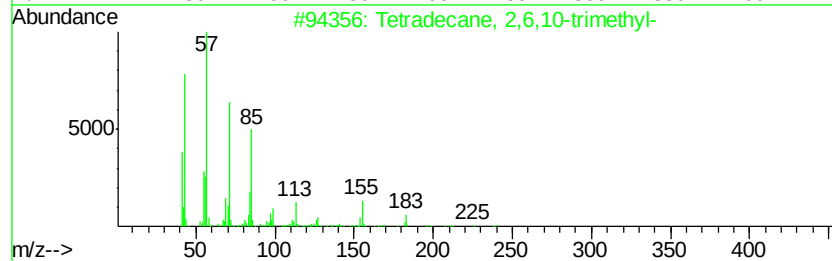
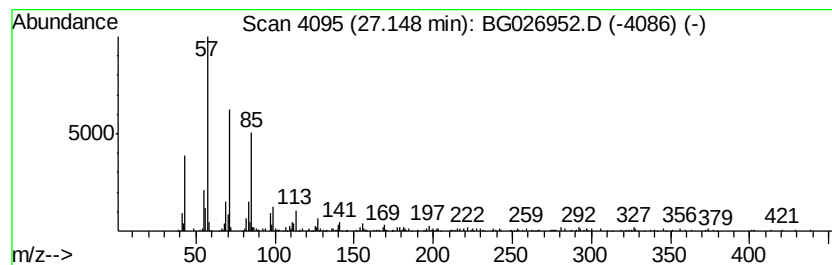
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	3.49 ng/ul	414463	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tetracosane	338	C24H50	000646-31-1	83
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026952.D
Acq On : 11 May 2017 20:51
Operator : SJ/MA
Sample : I3054-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK4

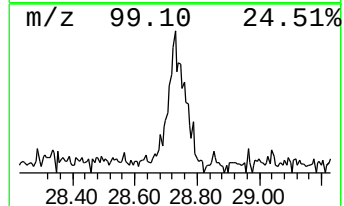
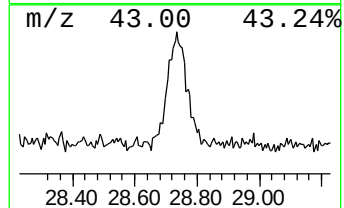
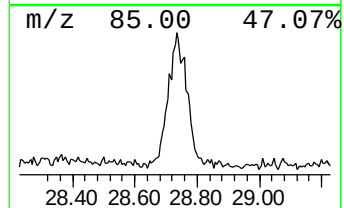
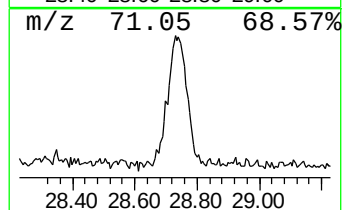
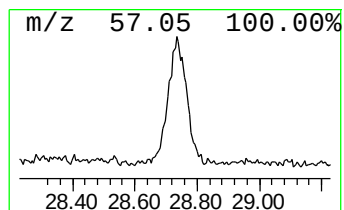
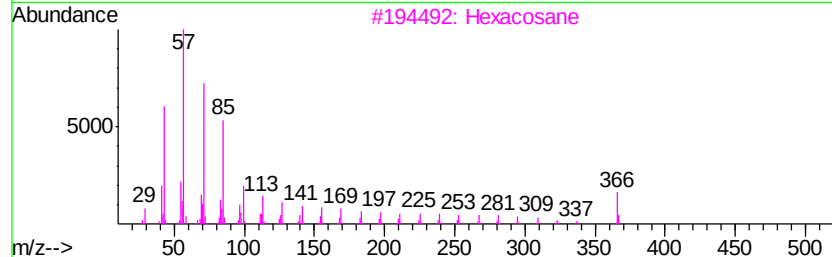
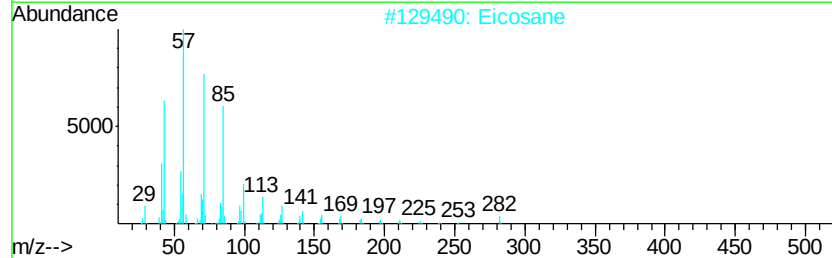
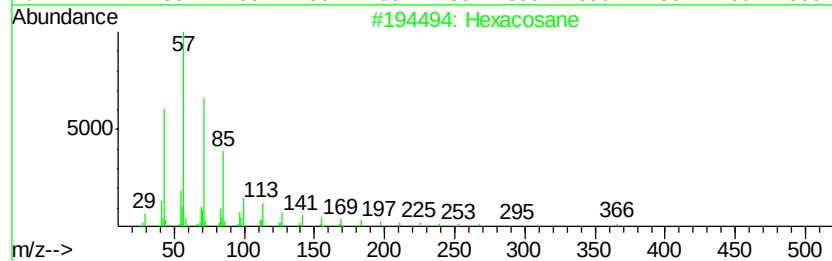
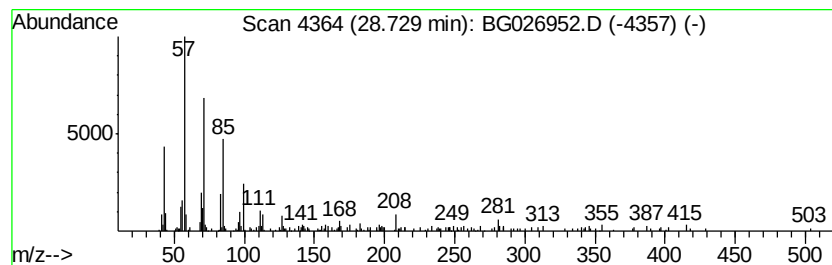
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.73 ng/ul	323316	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026952.D
Acq On : 11 May 2017 20:51
Operator : SJ/MA
Sample : I3054-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK4

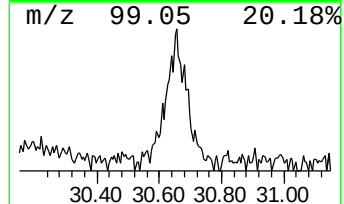
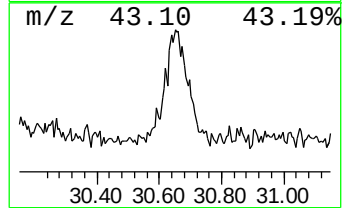
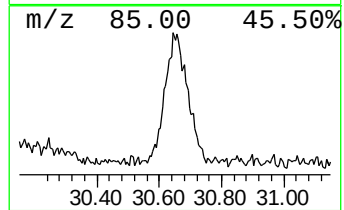
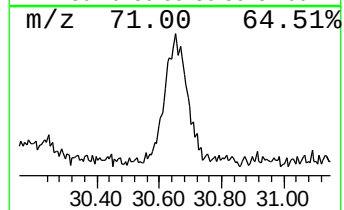
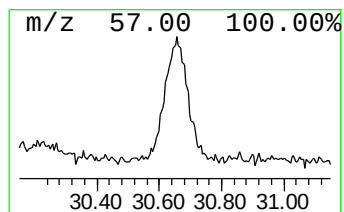
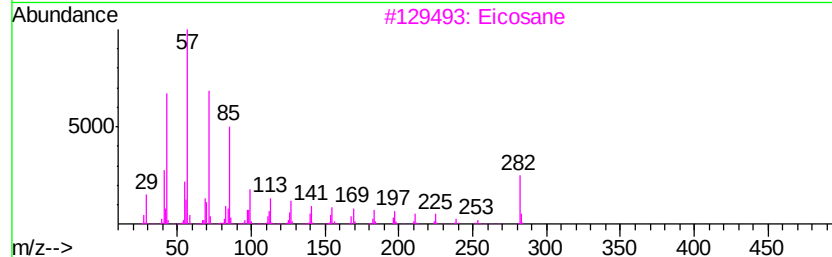
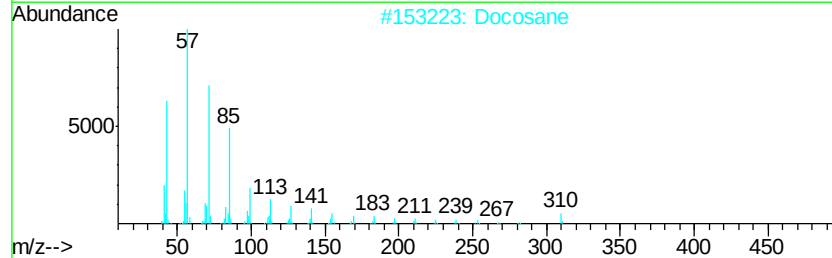
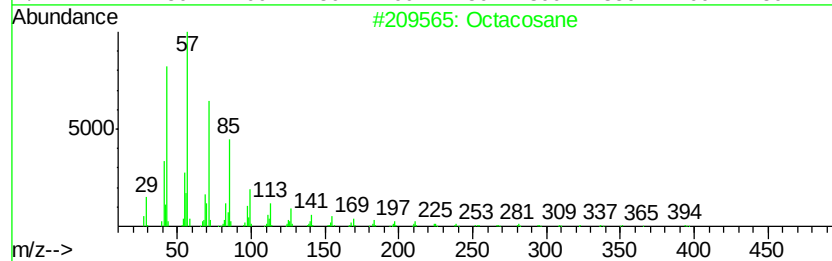
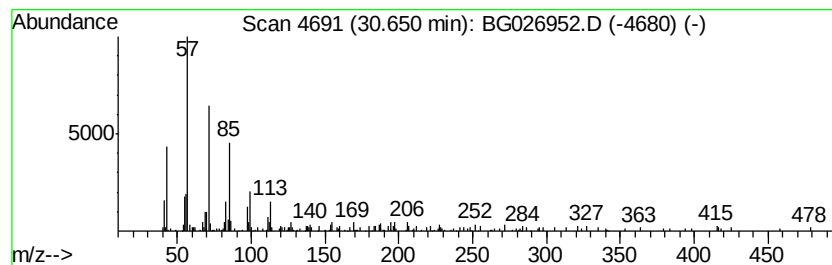
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	2.80 ng/ul	332538	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Docosane	310	C22H46	000629-97-0	83
3		Eicosane	282	C20H42	000112-95-8	83
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051117\
Data File : BG026952.D
Acq On : 11 May 2017 20:51
Operator : SJ/MA
Sample : I3054-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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unknown-02	17.95	5.7	ng/ul	588817	4	17.35	2067600	20.0
13-Docosenamide, ...	23.02	5.5	ng/ul	568313	5	21.60	2065000	20.0
(DEL) Alkane: Str...	25.84	2.9	ng/ul	342417	6	24.77	2372040	20.0
(DEL) Alkane: Str...	27.15	3.5	ng/ul	414463	6	24.77	2372040	20.0
(DEL) Alkane: Str...	28.73	2.7	ng/ul	323316	6	24.77	2372040	20.0
(DEL) Alkane: Str...	30.65	2.8	ng/ul	332538	6	24.77	2372040	20.0