

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000478.D
 Acq On : 20 Mar 2018 05:41
 Operator : JU/SJ
 Sample : J1933-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEE2

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_N\METHODS\SOM-EPA-BN031918.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	3.590	22	26	33	rVB	88991	124022	1.72%	0.129%
2	3.908	75	80	87	rBV2	14521	25776	0.36%	0.027%
3	4.172	121	125	135	rVB	42841	61387	0.85%	0.064%
4	5.408	327	335	342	rBV2	69239	123624	1.72%	0.129%
5	5.755	389	394	403	rBV	14145	27531	0.38%	0.029%
6	6.419	501	507	517	rBV	328942	495301	6.89%	0.515%
7	6.566	525	532	539	rVB5	8945	20524	0.29%	0.021%
8	7.366	659	668	681	rVB	25732	58132	0.81%	0.060%
9	7.484	683	688	692	rBV2	15857	22622	0.31%	0.024%
10	7.549	692	699	714	rVV	1511194	2782283	38.68%	2.893%
11	7.725	721	729	740	rBV	1368167	2147194	29.85%	2.233%
12	7.937	758	765	773	rBV	1596935	2627486	36.53%	2.732%
13	8.419	840	847	860	rVB	1210490	1996305	27.75%	2.076%
14	9.119	958	966	976	rBV	1973273	3337770	46.40%	3.471%
15	9.196	976	979	984	rVV	14065	21065	0.29%	0.022%
16	9.602	1039	1048	1056	rBV	1501186	2554656	35.51%	2.657%
17	9.684	1056	1062	1069	rVV	69919	130006	1.81%	0.135%
18	9.954	1101	1108	1114	rBV	61702	90092	1.25%	0.094%
19	10.325	1162	1171	1185	rBV	1200315	2122215	29.50%	2.207%
20	10.866	1255	1263	1272	rBV	1932106	3308039	45.99%	3.440%
21	11.260	1321	1330	1342	rVB	1688873	2988629	41.55%	3.108%
22	11.384	1343	1351	1361	rBV	1701058	2885715	40.12%	3.001%
23	11.990	1449	1454	1461	rBV4	11452	21681	0.30%	0.023%
24	12.437	1525	1530	1536	rVB	16977	23516	0.33%	0.024%
25	12.631	1555	1563	1568	rBV5	17018	30271	0.42%	0.031%
26	12.690	1568	1573	1579	rBV	19953	32508	0.45%	0.034%
27	12.813	1589	1594	1600	rBV2	35685	56571	0.79%	0.059%
28	13.390	1688	1692	1702	rBV6	12358	30193	0.42%	0.031%
29	13.631	1728	1733	1738	rVB2	19720	27851	0.39%	0.029%
30	13.831	1760	1767	1774	rBV	86349	123829	1.72%	0.129%
31	13.901	1774	1779	1786	rVV4	31429	53959	0.75%	0.056%
32	14.425	1859	1868	1872	rBV	3126306	4472295	62.17%	4.651%
33	14.472	1872	1876	1881	rVV	926786	1262902	17.56%	1.313%
34	14.519	1881	1884	1893	rVB2	30640	47608	0.66%	0.050%

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35	14.595	1893	1897	1901	rBV	20968	27079	0.38%	0.028%
36	14.654	1901	1907	1908	rBV3	19912	30803	0.43%	0.032%
37	14.737	1914	1921	1933	rVB	3884649	5782332	80.39%	6.013%
38	14.890	1942	1947	1955	rVB	288765	359875	5.00%	0.374%
39	14.966	1955	1960	1963	rBV2	20756	37582	0.52%	0.039%
40	15.037	1965	1972	1980	rVB2	2409262	3739169	51.98%	3.888%
41	15.213	1995	2002	2014	rBV	1357712	2120490	29.48%	2.205%
42	15.325	2017	2021	2023	rBV2	26502	35629	0.50%	0.037%
43	15.384	2028	2031	2037	rVB4	35400	56886	0.79%	0.059%
44	15.437	2037	2040	2045	rVB	28648	41151	0.57%	0.043%
45	15.501	2046	2051	2054	rBV	60451	89638	1.25%	0.093%
46	15.572	2059	2063	2067	rVB2	35165	43706	0.61%	0.045%
47	15.725	2085	2089	2094	rVB4	11359	21899	0.30%	0.023%
48	15.789	2095	2100	2103	rBV	111231	164470	2.29%	0.171%
49	15.831	2103	2107	2113	rVB	370568	467652	6.50%	0.486%
50	15.889	2113	2117	2121	rBV4	21587	36384	0.51%	0.038%
51	15.937	2122	2125	2132	rVB4	18632	35886	0.50%	0.037%
52	16.019	2132	2139	2152	rBV	4432152	6682668	92.90%	6.949%
53	16.131	2152	2158	2168	rBV	1417945	1968103	27.36%	2.047%
54	16.231	2168	2175	2187	rVB2	91287	272227	3.78%	0.283%
55	16.325	2188	2191	2197	rVB2	30536	41649	0.58%	0.043%
56	16.384	2197	2201	2204	rBV	38236	53163	0.74%	0.055%
57	16.448	2209	2212	2220	rVV2	45770	60258	0.84%	0.063%
58	16.642	2240	2245	2247	rBV3	27030	41367	0.58%	0.043%
59	16.684	2247	2252	2264	rVV	306577	511270	7.11%	0.532%
60	16.872	2281	2284	2290	rVB	27938	39575	0.55%	0.041%
61	16.966	2295	2300	2306	rVV	102504	144686	2.01%	0.150%
62	17.031	2306	2311	2317	rVV6	27968	57801	0.80%	0.060%
63	17.084	2317	2320	2323	rVB3	27024	28356	0.39%	0.029%
64	17.119	2323	2326	2334	rVB2	58584	104011	1.45%	0.108%
65	17.189	2334	2338	2345	rBV2	41517	64729	0.90%	0.067%
66	17.254	2345	2349	2352	rBV2	23986	35165	0.49%	0.037%
67	17.472	2381	2386	2390	rBV	191558	237799	3.31%	0.247%
68	17.525	2391	2395	2406	rVB3	62221	141975	1.97%	0.148%
69	17.760	2429	2435	2446	rBV2	2712481	4152024	57.72%	4.318%
70	17.860	2446	2452	2462	rVV2	4536766	6785520	94.33%	7.056%
71	17.942	2463	2466	2473	rVB4	18672	29681	0.41%	0.031%

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72	18.007	2473	2477	2483	rBV2	26579	46560	0.65%	0.048%
73	18.201	2506	2510	2515	rBV	128416	156738	2.18%	0.163%
74	18.378	2536	2540	2545	rVB	88984	110656	1.54%	0.115%
75	18.478	2553	2557	2560	rBV4	27752	45643	0.63%	0.047%
76	18.607	2573	2579	2589	rBV	1773322	2709114	37.66%	2.817%
77	18.883	2622	2626	2629	rBV	80942	97530	1.36%	0.101%
78	18.925	2629	2633	2636	rVB2	34994	47261	0.66%	0.049%
79	19.013	2645	2648	2652	rVB4	30998	35493	0.49%	0.037%
80	19.360	2704	2707	2710	rVB	34692	39721	0.55%	0.041%
81	19.501	2727	2731	2733	rBV2	78658	105212	1.46%	0.109%
82	19.525	2733	2735	2739	rVB	134371	135958	1.89%	0.141%
83	19.654	2755	2757	2760	rVB	31212	27361	0.38%	0.028%
84	19.713	2763	2767	2768	rBV3	105084	127462	1.77%	0.133%
85	19.748	2768	2773	2784	rVB2	125987	322652	4.49%	0.336%
86	19.848	2786	2790	2805	rBV	618507	981586	13.65%	1.021%
87	20.007	2814	2817	2821	rVB	77485	97324	1.35%	0.101%
88	20.066	2824	2827	2830	rVV2	59850	74813	1.04%	0.078%
89	20.119	2830	2836	2847	rVB	4999790	7193203	100.00%	7.480%
90	20.589	2911	2916	2922	rBV3	71636	157567	2.19%	0.164%
91	20.936	2972	2975	2977	rBV3	47414	63572	0.88%	0.066%
92	20.977	2977	2982	2987	rVB2	99706	182403	2.54%	0.190%
93	21.077	2996	2999	3003	rBV	69977	86769	1.21%	0.090%
94	21.119	3003	3006	3011	rVB2	73579	82623	1.15%	0.086%
95	21.542	3074	3078	3089	rBV	1399833	2336830	32.49%	2.430%
96	21.883	3131	3136	3143	rVB2	2643356	3600651	50.06%	3.744%
97	23.113	3341	3345	3355	rVB	379344	584184	8.12%	0.607%
98	23.530	3413	3416	3422	rVB2	133189	200755	2.79%	0.209%
99	24.213	3521	3532	3544	rVB2	2295904	4998631	69.49%	5.198%
100	24.371	3552	3559	3573	rVB2	1374426	2838494	39.46%	2.952%

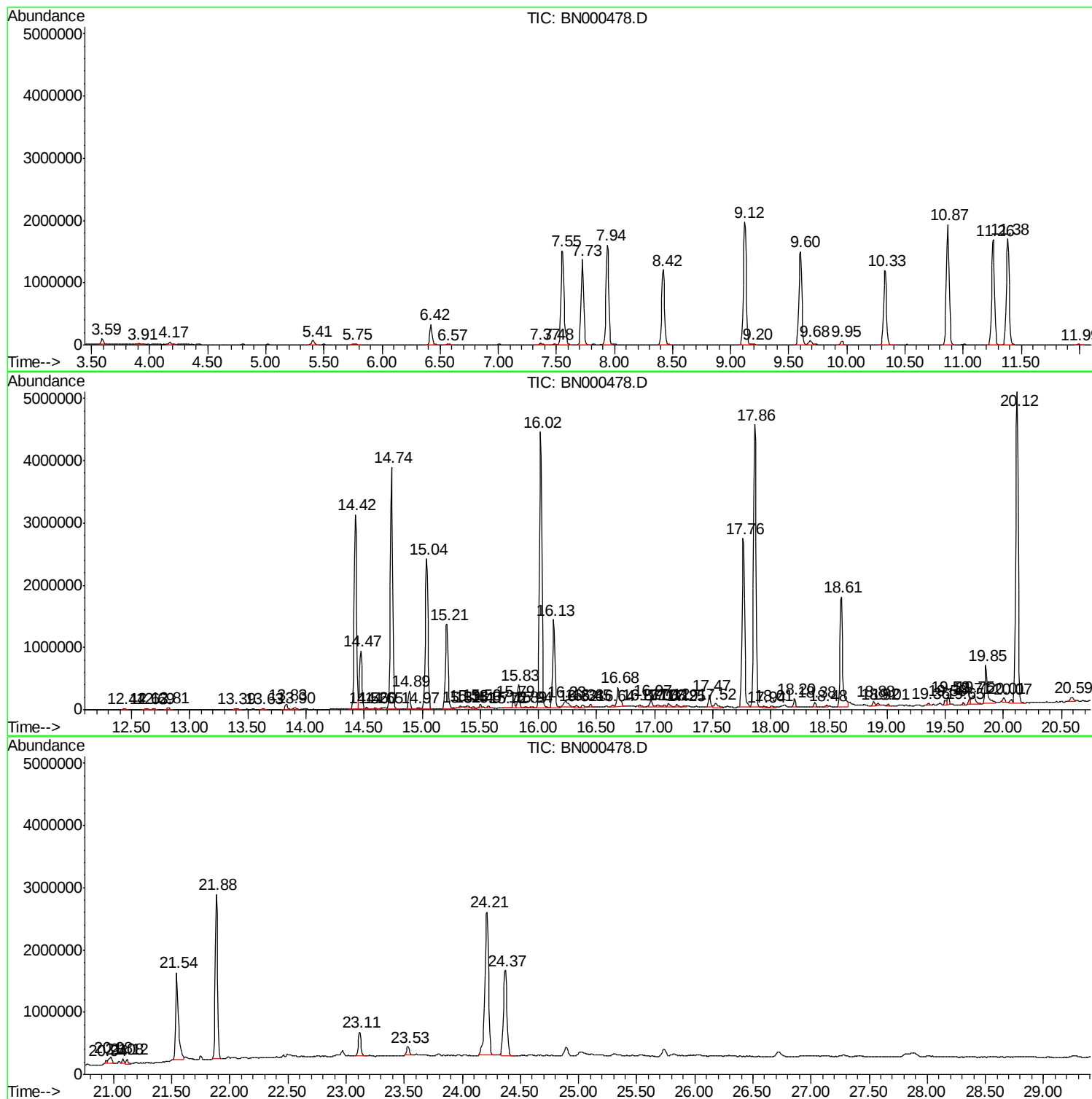
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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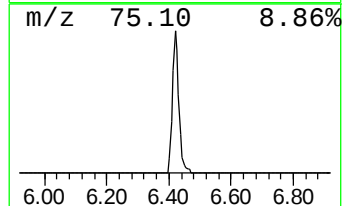
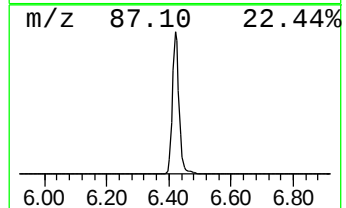
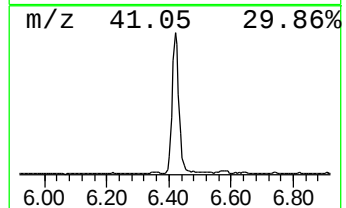
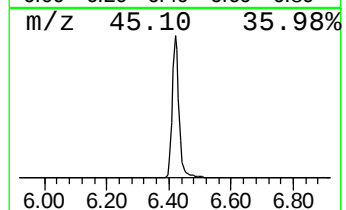
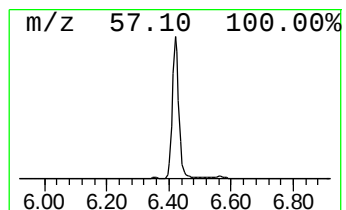
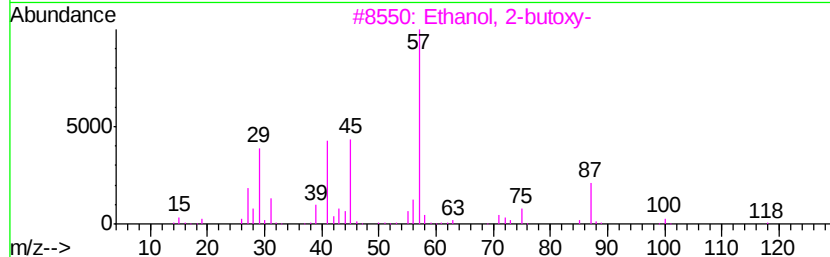
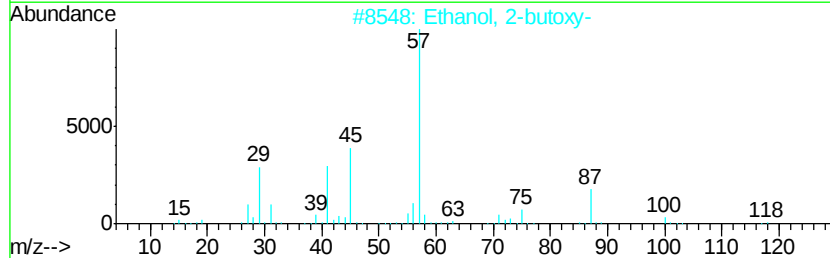
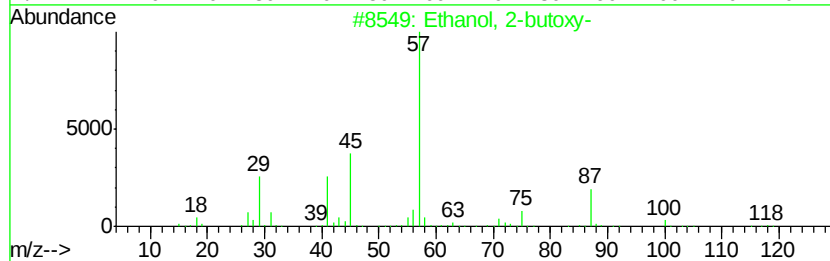
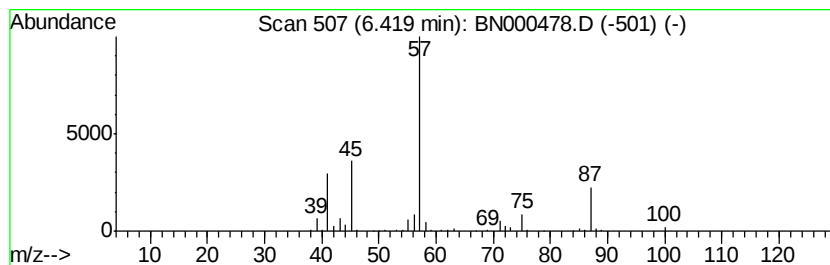
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	4.96 ng/ul	495301	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	47
5			Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	43



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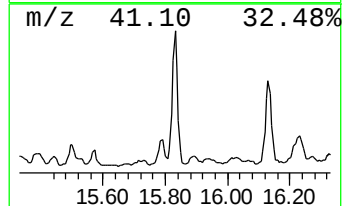
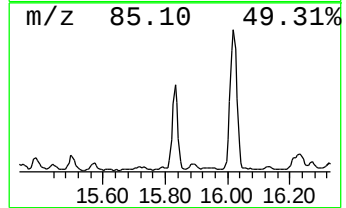
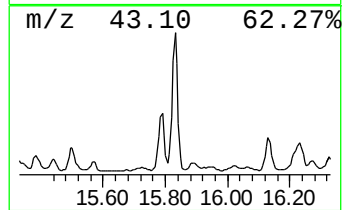
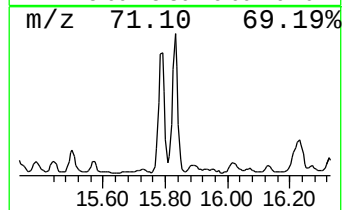
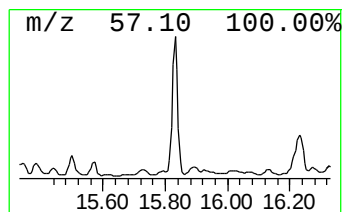
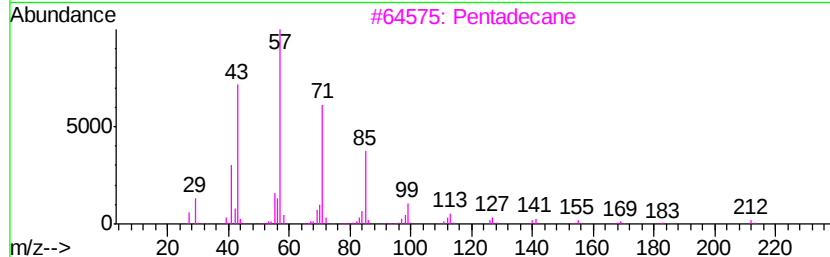
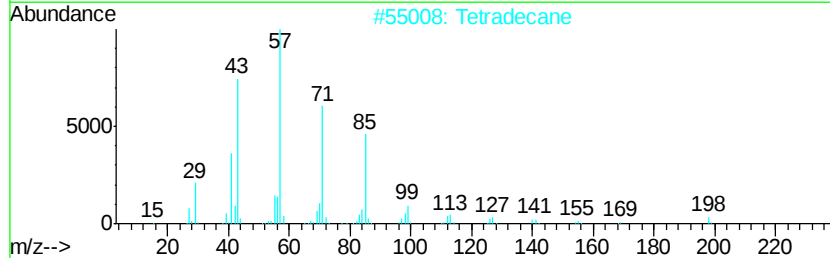
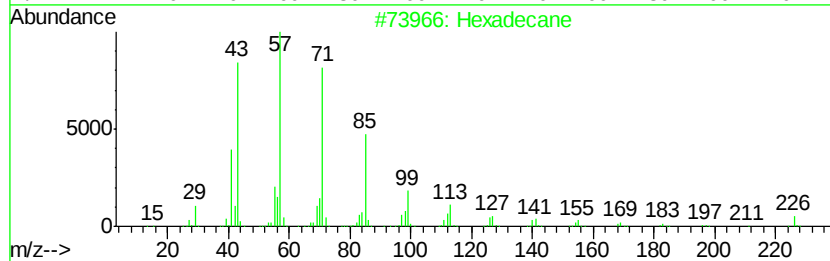
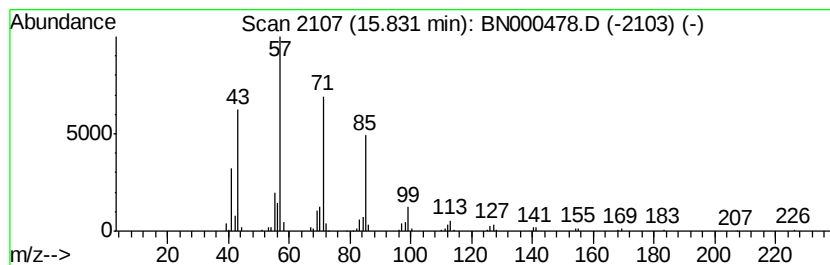
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.50 ng/ul	467652	Acenaphthene-d10	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	86
3			Pentadecane	212	C15H32	000629-62-9	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Eicosane	282	C20H42	000112-95-8	83



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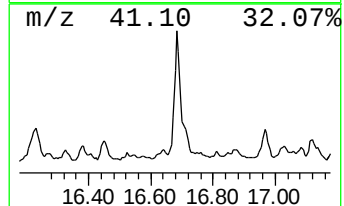
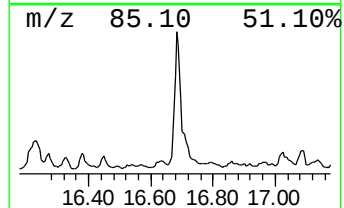
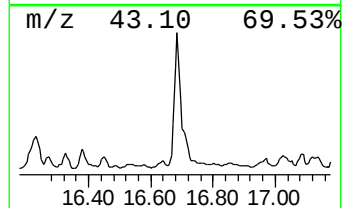
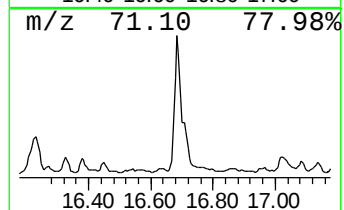
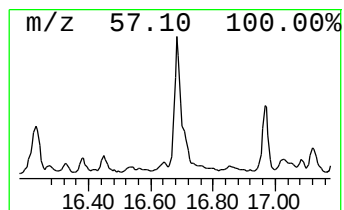
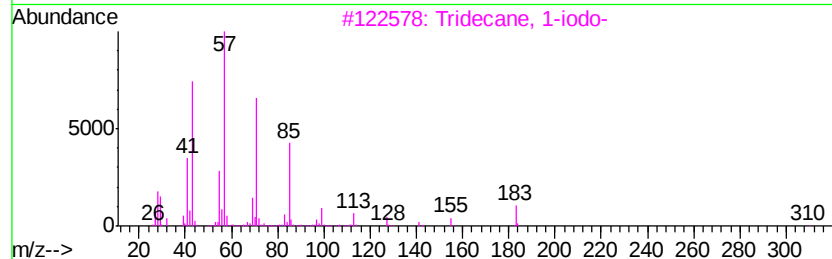
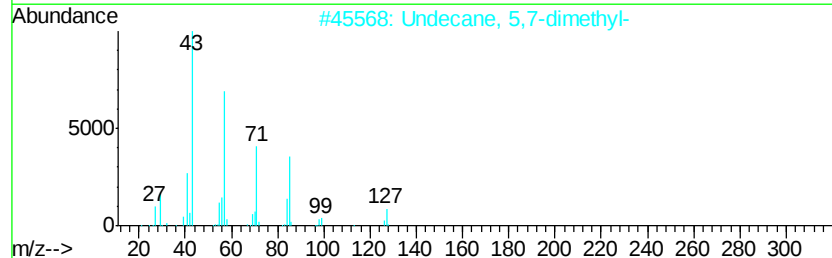
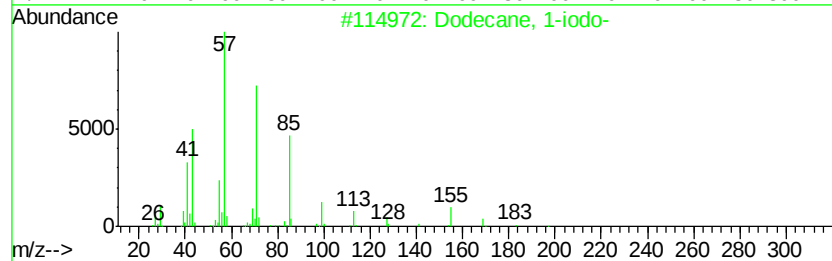
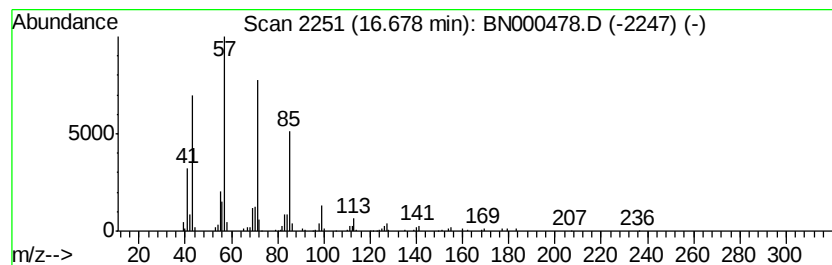
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.68	2.46 ng/ul	511270	Phenanthrene-d10		17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4			Tetracosane	338	C24H50	000646-31-1	80
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000478.D
Acq On : 20 Mar 2018 05:41
Operator : JU/SJ
Sample : J1933-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEE2

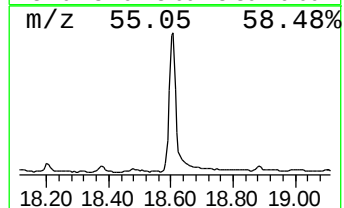
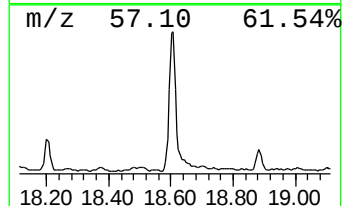
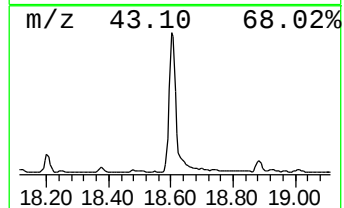
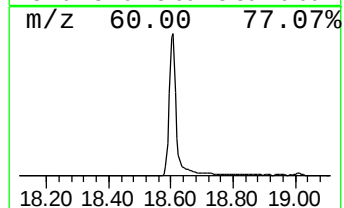
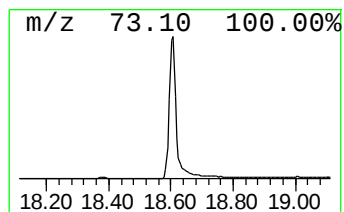
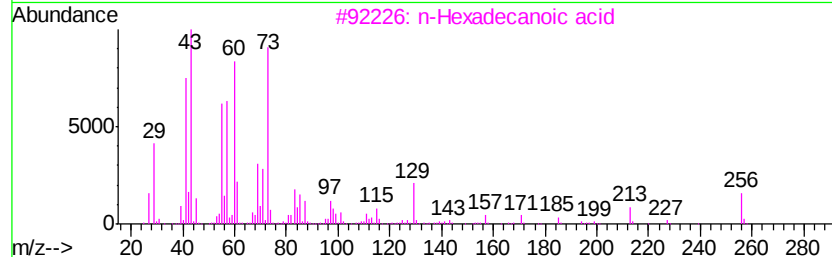
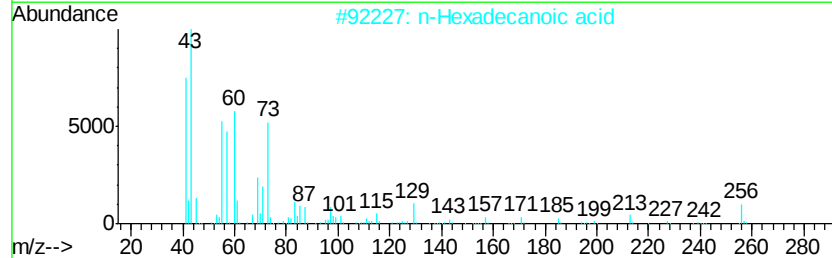
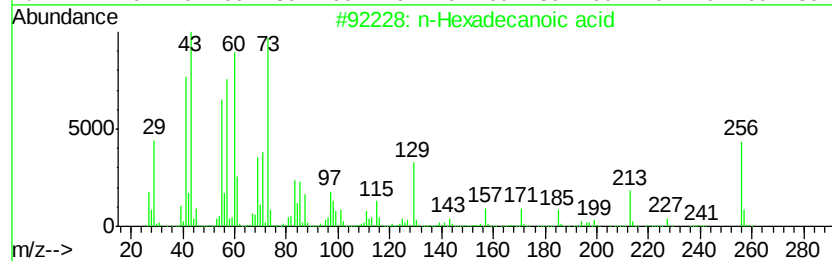
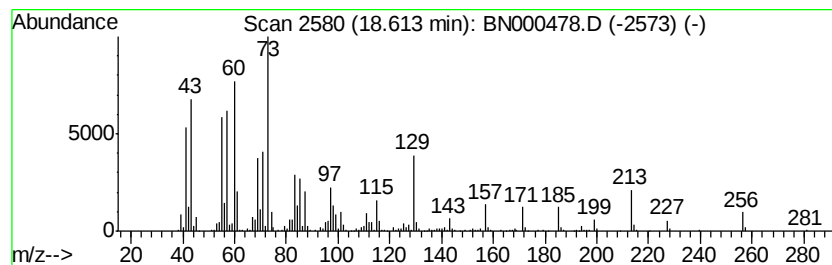
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	13.05 ng/ul	2709110	Phenanthrene-d10	17.76

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		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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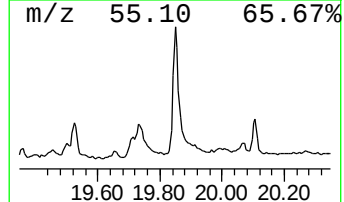
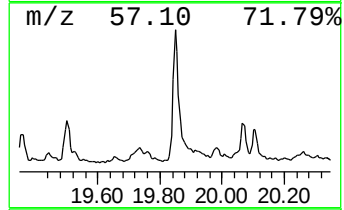
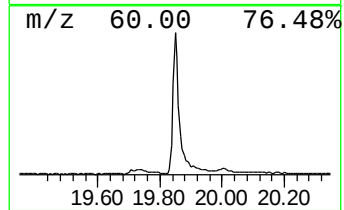
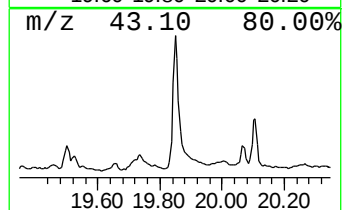
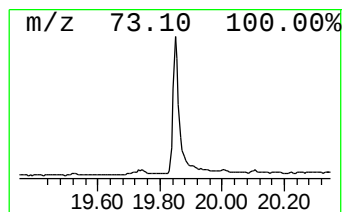
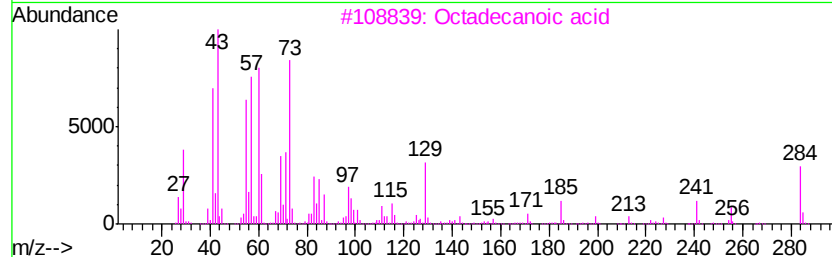
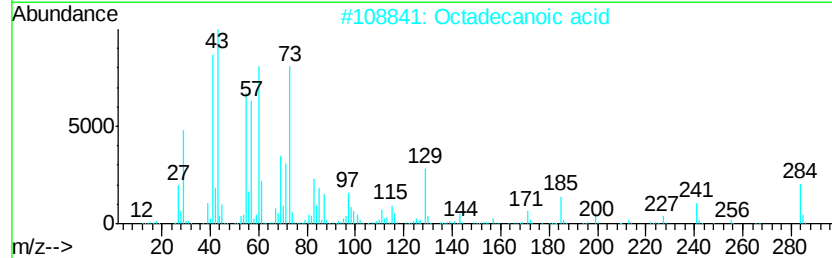
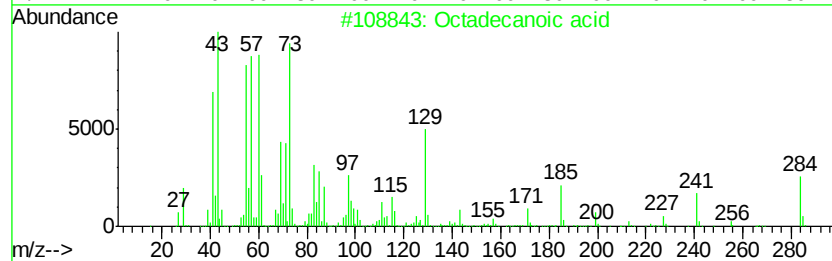
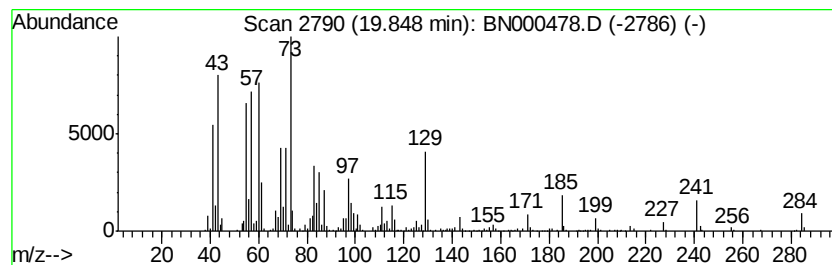
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	5.45 ng/ul	981586	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
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Sample : J1933-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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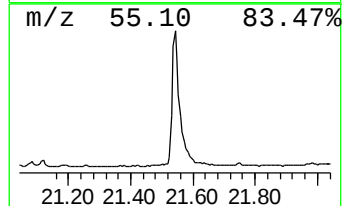
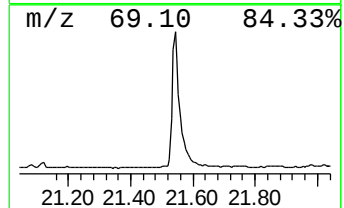
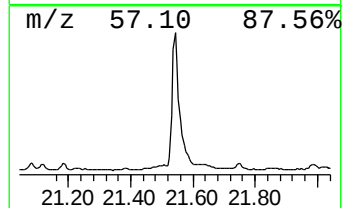
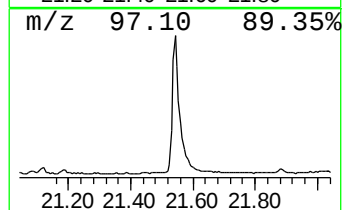
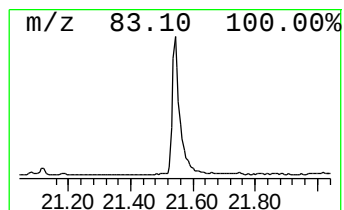
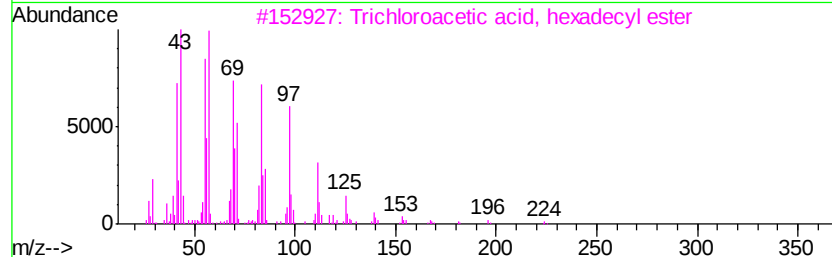
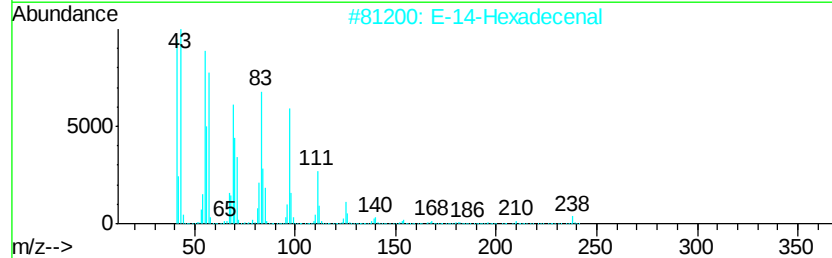
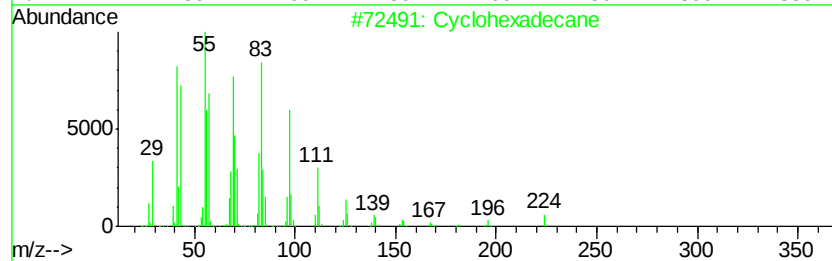
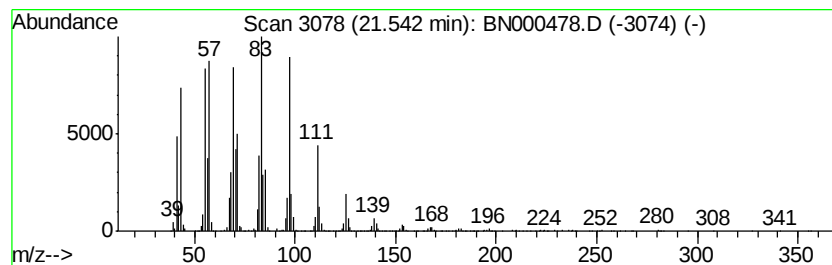
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic21.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	12.98 ng/ul	2336830	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		E-14-Hexadecenal	238	C16H30O	330207-53-9	92
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



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Sample : J1933-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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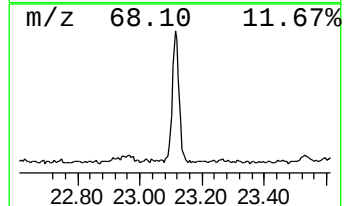
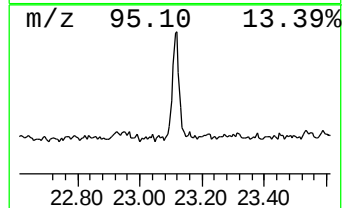
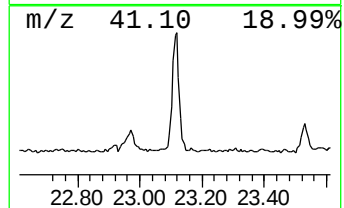
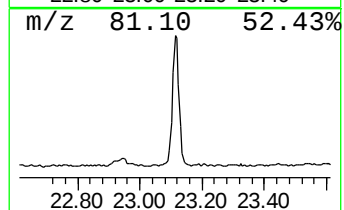
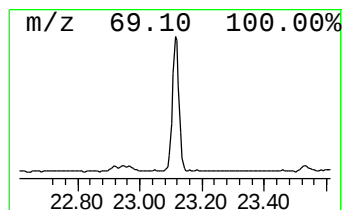
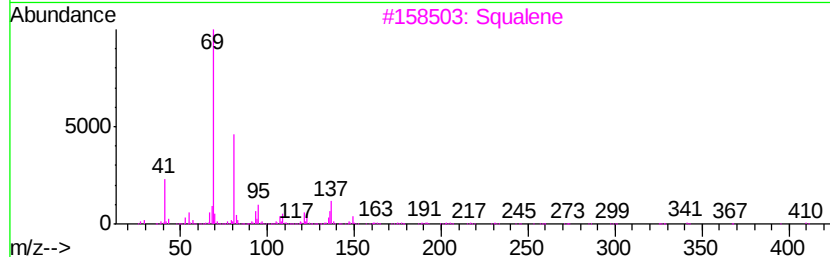
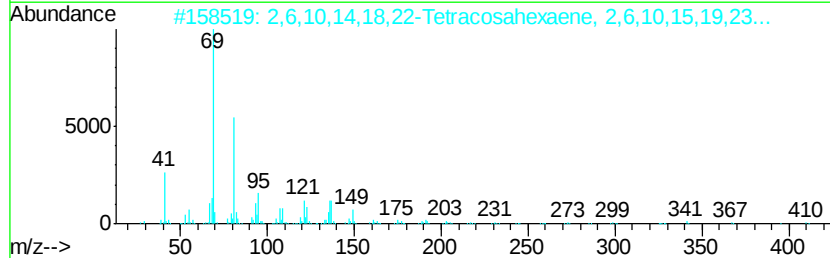
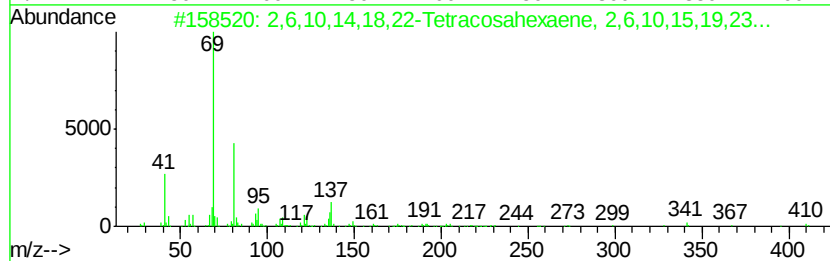
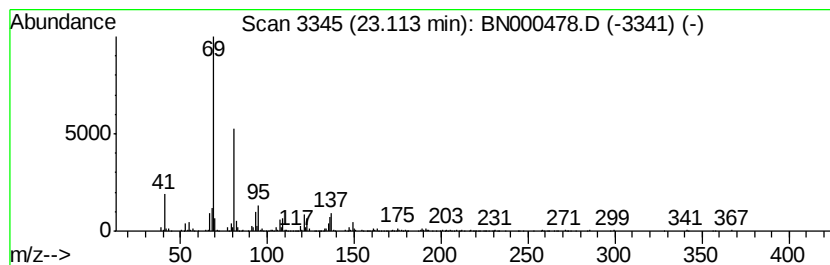
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,6,10,14,18,22-Tetracosae... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.24 ng/ul	584184	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	007683-64-9	87
4		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-butoxy-	6.42	5.0	ng/ul	495301	1	8.42	1996310	20.0
(DEL) Alkane: Str...	15.83	2.5	ng/ul	467652	3	15.04	3739170	20.0
Dodecane, 1-iodo-	16.68	2.5	ng/ul	511270	4	17.76	4152020	20.0
n-Hexadecanoic acid	18.61	13.1	ng/ul	2709110	4	17.76	4152020	20.0
Octadecanoic acid	19.85	5.5	ng/ul	981586	5	21.88	3600650	20.0
(DEL) Alkane: Cyc...	21.54	13.0	ng/ul	2336830	5	21.88	3600650	20.0
2,6,10,14,18,22-T...	23.11	3.2	ng/ul	584184	5	21.88	3600650	20.0