LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.404	50	54	63	rVB	319994	446153	3.43%	0.182%
2	5.304	370	377	385	rBV	1106096	1620973	12.47%	0.662%
3	5.810	455	463	485	rBV	158937	351524	2.70%	0.143%
4	6.887	639	646	661	rBV2	703268	1288829	9.91%	0.526%
5	7.245	700	707	716	rBV	2264540	3589920	27.61%	1.465%
6	7.716	780	787	793	rBV	1180298	1886145	14.51%	0.770%
7	8.028	834	840	854	rVB	2882832	4649263	35.76%	1.898%
8	8.881	978	985	997	rBV	2456321	4050755	31.16%	1.653%
9	9.416	1070	1076	1088	rVB3	95607	193381	1.49%	0.079%
10	10.022	1175	1179	1193	rVB	444705	818227	6.29%	0.334%
11	10.280	1216	1223	1234	rBV	855177	1453896	11.18%	0.593%
12	10.504	1254	1261	1271	rBV	1688293	2710297	20.85%	1.106%
13	10.639	1280	1284	1300	rVB	94782	200208	1.54%	0.082%
14	10.863	1317	1322	1330	rBV2	108739	248123	1.91%	0.101%
15	10.945	1330	1336	1345	rVB	201049	397270	3.06%	0.162%
16	11.304	1391	1397	1407	rVB2	176535	340968	2.62%	0.139%
17	11.527	1424	1435	1458	rVB	1083125	1997178	15.36%	0.815%
18	11.851	1481	1490	1496	rBV2	175448	307501	2.37%	0.126%
19	11.998	1508	1515	1522	rBV3	101376	194696	1.50%	0.079%
20	12.074	1522	1528	1534	rBV2	96159	175950	1.35%	0.072%
21	12.286	1554	1564	1572	rBV3	116898	287903	2.21%	0.118%
22	12.363	1572	1577	1595	rVB	256506	528226	4.06%	0.216%
23	12.721	1626	1638	1644	rBV2	192749	372098	2.86%	0.152%
24	12.863	1657	1662	1674	rVB	1159390	1861432	14.32%	0.760%
25	12.980	1674	1682	1690	rBV	6289738	9381945	72.16%	3.830%
26	13.245	1721	1727	1733	rVV	803776	1219228	9.38%	0.498%
27	13.321	1733	1740	1753	rVB	840526	1338144	10.29%	0.546%
28	13.745	1807	1812	1819	rBV	197873	300180	2.31%	0.123%
29	13.827	1820	1826	1831	rBV	174596	241886	1.86%	0.099%
30	14.004	1850	1856	1870	rVB	362056	585564	4.50%	0.239%
31	14.363	1911	1917	1922	rBV2	2503159	3840370	29.54%	1.568%
32	14.410	1922	1925	1935	rVB	1902574	2518022	19.37%	1.028%
33	14.774	1982	1987	1998	rVB2	233609	352605	2.71%	0.144%
34	15.074	2033	2038	2041	rBV	171935	234914	1.81%	0.096%

LSC Area Percent Report

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Sample : K1460-01
Misc :
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Instrument : BNA_M
ClientSampleId : WC-20190208

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.110	2041	2044	2048	rVB	160632	203226	1.56%	0.083%
36	15.251	2063	2068	2073	rBV	208762	283245	2.18%	0.116%
37	15.374	2082	2089	2094	rBV	1822735	2415452	18.58%	0.986%
38	15.427	2094	2098	2101	rVV	193381	306131	2.35%	0.125%
39	15.857	2165	2171	2176	rBV	3456686	5056713	38.90%	2.064%
40	15.904	2176	2179	2185	rVB2	871866	1207933	9.29%	0.493%
41	16.004	2191	2196	2204	rVV	1951556	2664392	20.49%	1.088%
42	16.092	2204	2211	2216	rVB3	190770	350984	2.70%	0.143%
43	16.192	2223	2228	2235	rBV5	207319	533593	4.10%	0.218%
44	16.268	2235	2241	2246	rVB3	387154	611119	4.70%	0.249%
45	16.592	2290	2296	2304	rBV3	178004	448170	3.45%	0.183%
46	16.680	2304	2311	2317	rVB4	171861	322022	2.48%	0.131%
47	16.821	2328	2335	2341	rBV	4284880	5555555	42.73%	2.268%
48	16.874	2341	2344	2353	rVB3	257174	440101	3.39%	0.180%
49	17.021	2360	2369	2372	rBV2	211974	385144	2.96%	0.157%
50	17.056	2372	2375	2379	rVV	346192	421936	3.25%	0.172%
51	17.115	2379	2385	2391	rVB	3285850	4488360	34.52%	1.832%
52	17.409	2430	2435	2439	rVB2	203954	290990	2.24%	0.119%
53	17.492	2445	2449	2456	rVB	353623	505405	3.89%	0.206%
54	17.580	2458	2464	2472	rBV	3720052	5243521	40.33%	2.140%
55	17.780	2493	2498	2502	rVB2	292807	407152	3.13%	0.166%
56	17.915	2511	2521	2524	rBV4	100038	220889	1.70%	0.090%
57	17.956	2524	2528	2532	rVV	200342	266606	2.05%	0.109%
58	18.003	2532	2536	2545	rVV	424036	655390	5.04%	0.268%
59	18.086	2545	2550	2555	rVV	3447081	4454052	34.26%	1.818%
60	18.127	2555	2557	2569	rVB3	278420	471380	3.63%	0.192%
61	18.286	2579	2584	2591	rBV	640003	832355	6.40%	0.340%
62	18.527	2621	2625	2630	rBV	170628	250029	1.92%	0.102%
63	18.592	2632	2636	2645	rVB	154582	235346	1.81%	0.096%
64	18.756	2657	2664	2677	rBV	7139987	9363108	72.02%	3.822%
65	18.927	2688	2693	2697	rBV	574446	764584	5.88%	0.312%
66	19.121	2722	2726	2732	rBV5	82806	182331	1.40%	0.074%
67	19.292	2751	2755	2760	rBV2	288044	426187	3.28%	0.174%
68	19.368	2763	2768	2777	rVB	6866654	7941359	61.08%	3.242%
69	19.639	2810	2814	2822	rVB2	254000	365400	2.81%	0.149%
70	19.745	2827	2832	2835	rBV	8568848	11979760	92.15%	4.890%
71	19.909	2856	2860	2866	rBV	754549	897418	6.90%	0.366%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.080	2885	2889	2895	rBV	215198	310017	2.38%	0.127%
73	20.139	2895	2899	2908	rVB3	220779	347114	2.67%	0.142%
74	20.292	2920	2925	2942	rBV	9516643	12238337	94.14%	4.996%
75	20.415	2942	2946	2954	rVV	702972	909365	6.99%	0.371%
76	20.739	2997	3001	3004	rBV	575098	663554	5.10%	0.271%
77	20.786	3004	3009	3019	rVB	8372539	9970334	76.69%	4.070%
78	21.009	3041	3047	3057	rVB2	621428	1018652	7.84%	0.416%
79	21.115	3060	3065	3072	rBV	6155131	7178662	55.22%	2.930%
80	21.221	3079	3083	3088	rBV	816391	986662	7.59%	0.403%
81	21.309	3093	3098	3103	rVV	4995932	6412450	49.32%	2.618%
82	21.350	3103	3105	3109	rVV	183501	194317	1.49%	0.079%
83	21.397	3111	3113	3117	rVV	195886	236899	1.82%	0.097%
84	21.439	3117	3120	3126	rVB2	258528	372665	2.87%	0.152%
85	21.550	3133	3139	3150	rBV	10352472	13000732	100.00%	5.307%
86	21.650	3152	3156	3164	rVB	600971	855180	6.58%	0.349%
87	21.880	3192	3195	3200	rBV2	306847	387051	2.98%	0.158%
88	22.003	3210	3216	3229	rBV	7719531	10378325	79.83%	4.236%
89	22.339	3268	3273	3284	rBV	4648633	6994393	53.80%	2.855%
90	22.450	3288	3292	3303	rVB3	504096	1033710	7.95%	0.422%
91	22.856	3355	3361	3375	rVB	6941009	10963056	84.33%	4.475%
92	22.968	3377	3380	3388	rVB2	317245	498216	3.83%	0.203%
93	23.427	3452	3458	3474	rVB	4322622	8137668	62.59%	3.322%
94	23.568	3476	3482	3490	rVB	2497570	4601775	35.40%	1.878%
95	23.885	3530	3536	3549	rVB	2250917	4296407	33.05%	1.754%
96	24.609	3651	3659	3673	rVB	3293580	7307953	56.21%	2.983%
97	25.444	3794	3801	3819	rVB2	1905847	5073843	39.03%	2.071%
98	26.126	3910	3917	3934	rVB2	858427	2594082	19.95%	1.059%
99	27.226	4096	4104	4119	rVB2	1224455	4210943	32.39%	1.719%
100	28.526	4320	4325	4340	rVB2	697787	2378341	18.29%	0.971%

Sum of corrected areas: 244981815

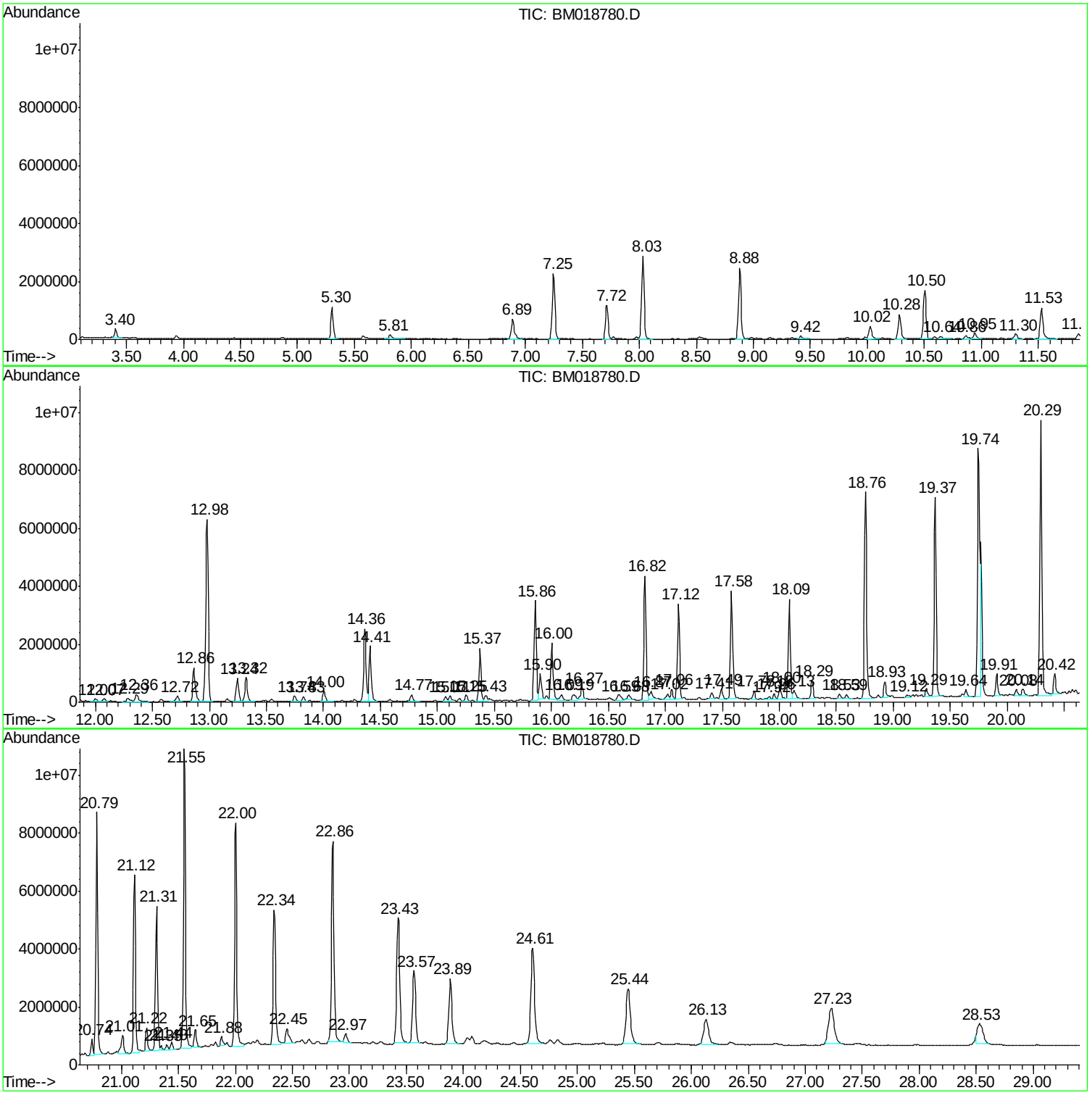
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

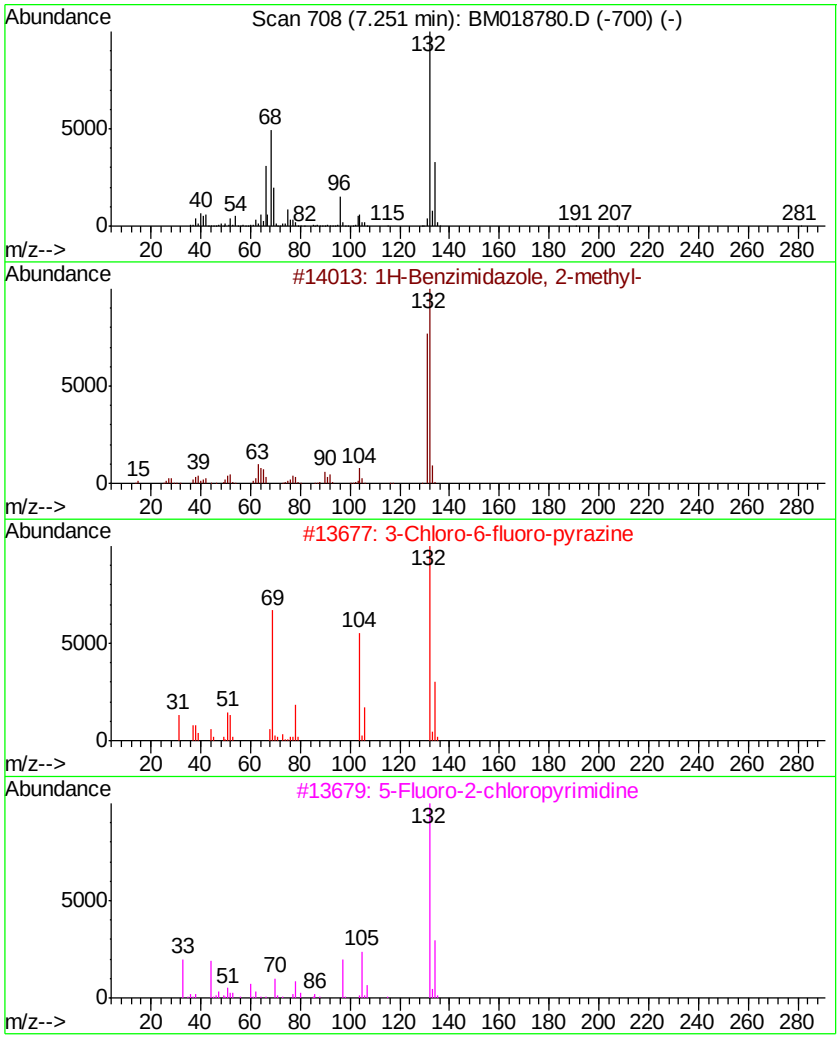
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

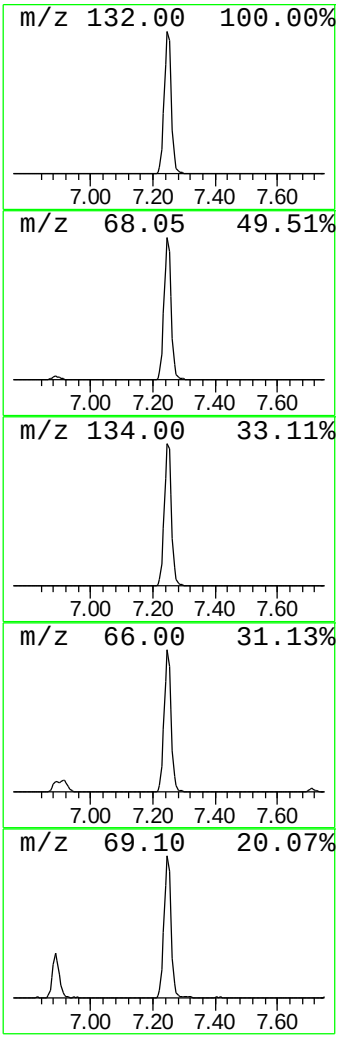
****

Peak Number 1 unknown7.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	38.07 ng	3589920	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
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Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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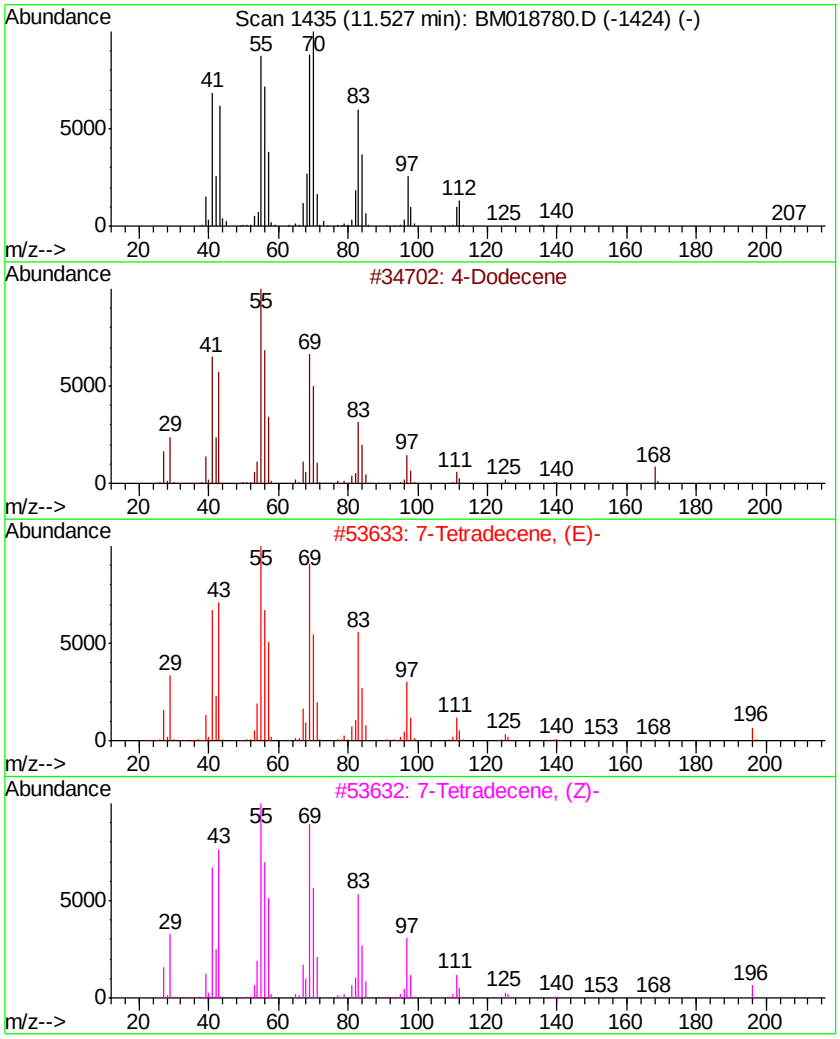
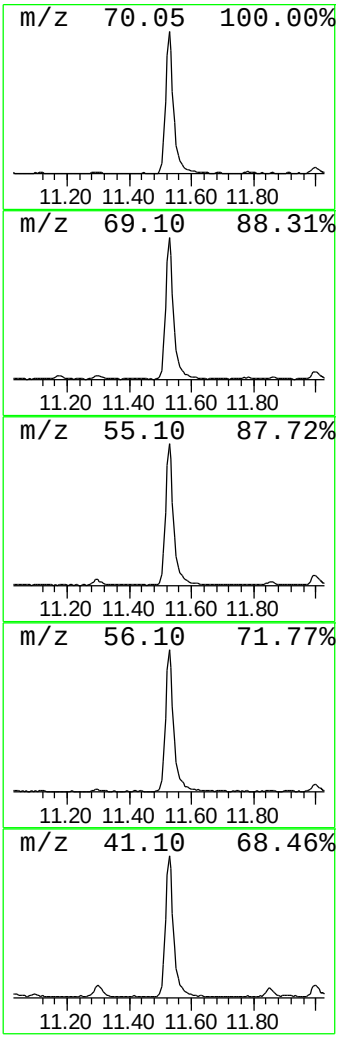
****

Peak Number 3 4-Dodecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	14.74 ng	1997180	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dodecene	168	C12H24	002030-84-4	72
2	7-Tetradecene, (E)-	196	C14H28	041446-63-3	64
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64
4	Cyclopropane, pentyl-	112	C8H16	002511-91-3	58
5	Cyclooctane	112	C8H16	000292-64-8	55





Library Search Compound Report

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

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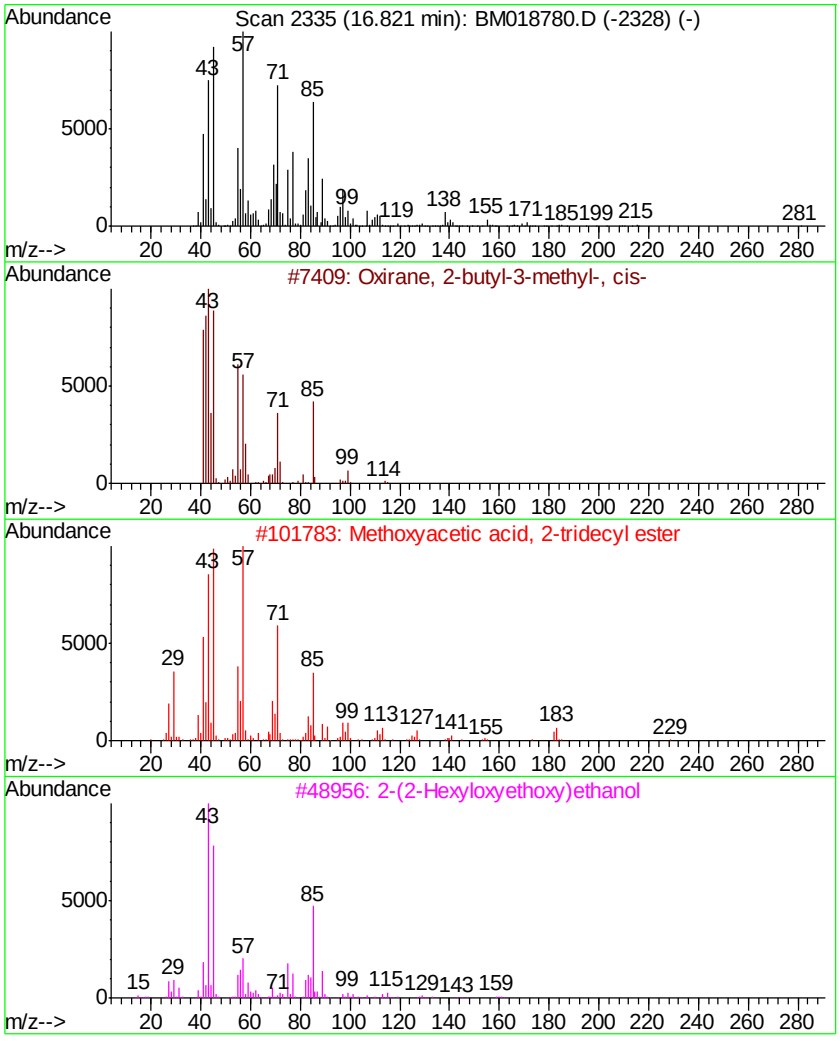
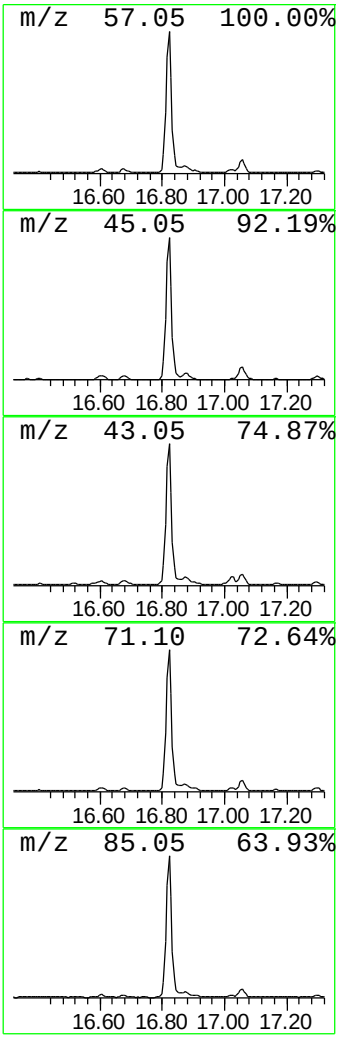
Peak Number 4 Oxirane, 2-butyl-3-methyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	24.76 ng	5555560	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-butyl-3-methyl-, cis-	114	C7H14O	056052-93-8	55
2	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	43
3	2-(2-Hexyloxyethoxy)ethanol	190	C10H22O3	000112-59-4	38
4	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	30
5	2-Dodecanol	186	C12H26O	010203-28-8	30





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Data File : BM018780.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

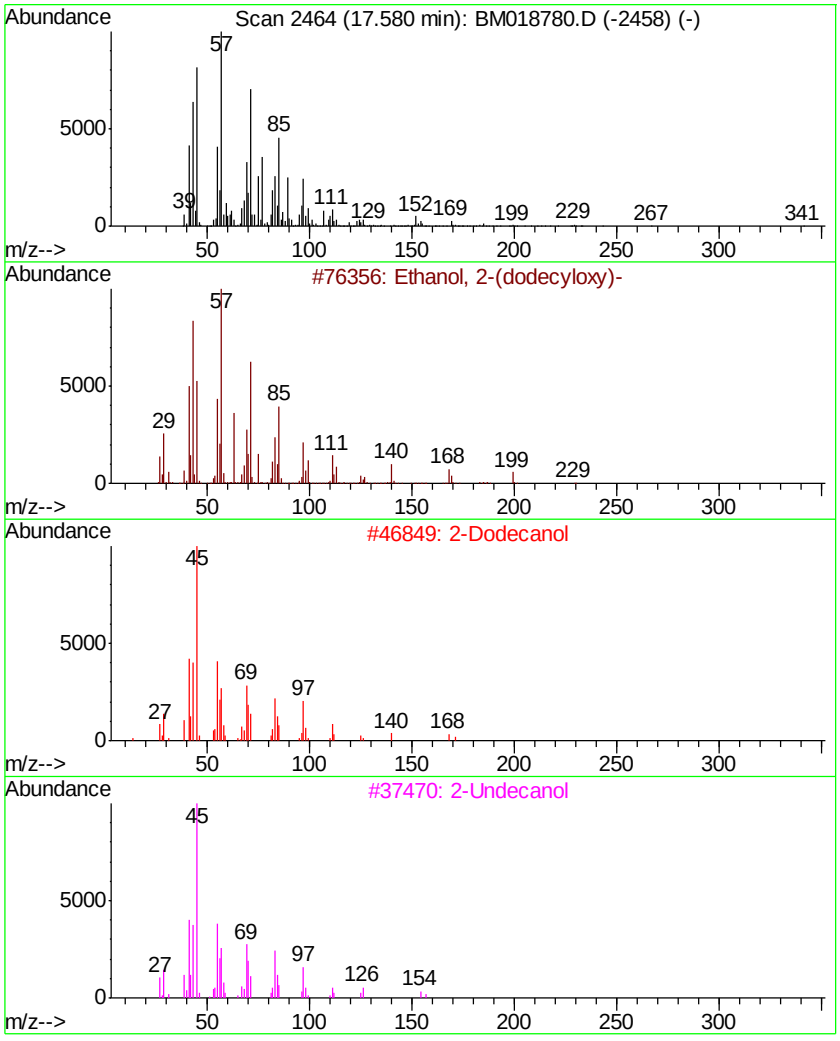
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

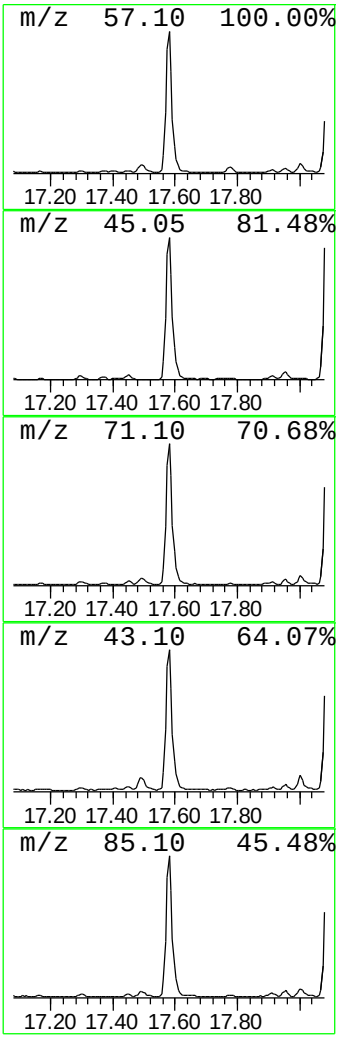
****

Peak Number 5 Ethanol, 2-(dodecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	23.37 ng	5243520	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	53
2	2-Dodecanol	186	C12H26O	010203-28-8	46
3	2-Undecanol	172	C11H24O	001653-30-1	35
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	18





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Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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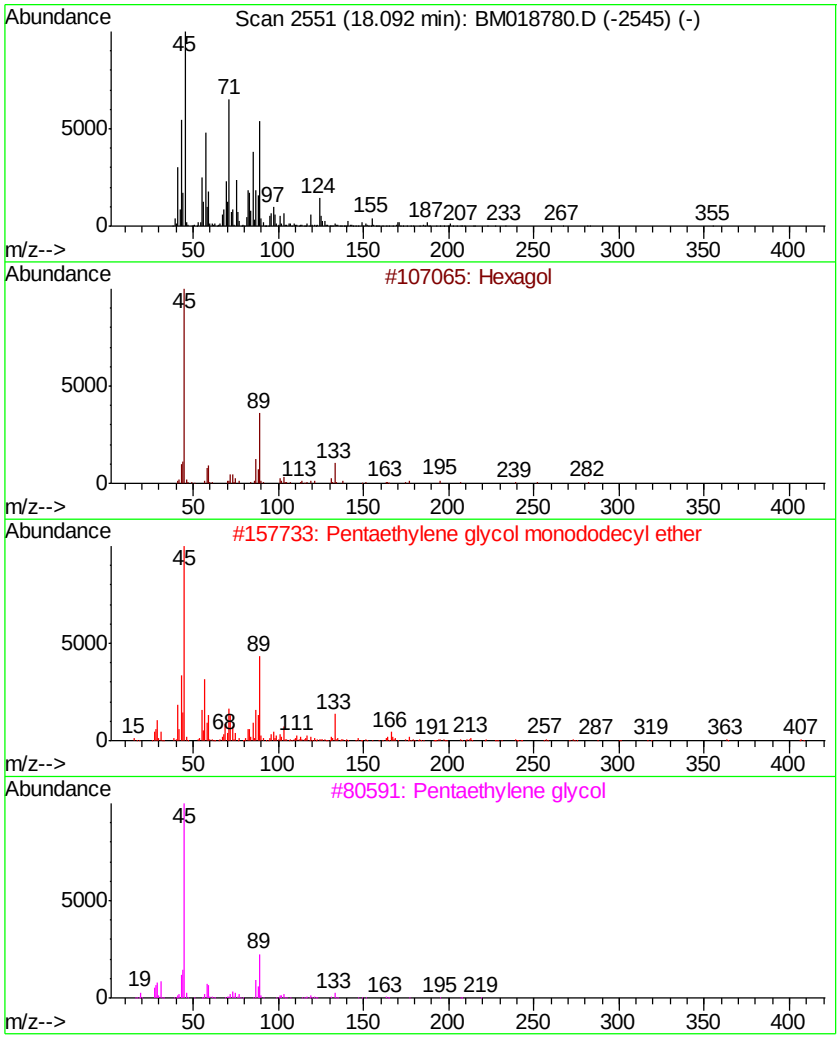
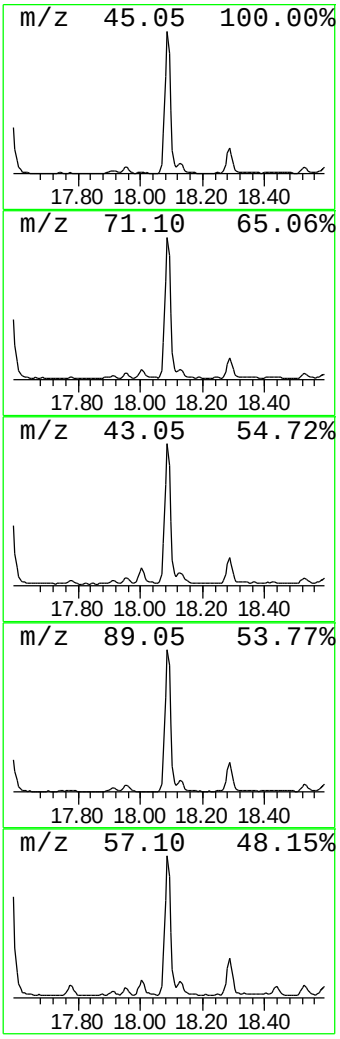
Peak Number 6 Hexagol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	19.85 ng	4454050	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	53
2	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	52
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	47
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	47
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	43





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Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

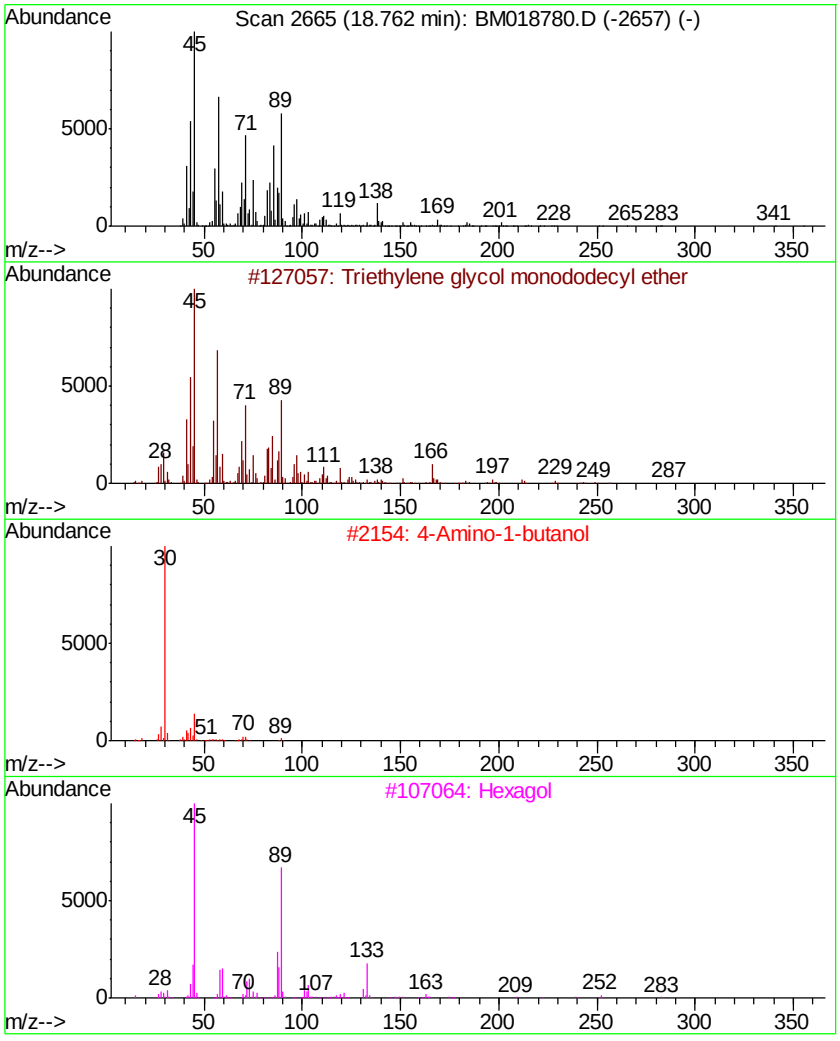
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

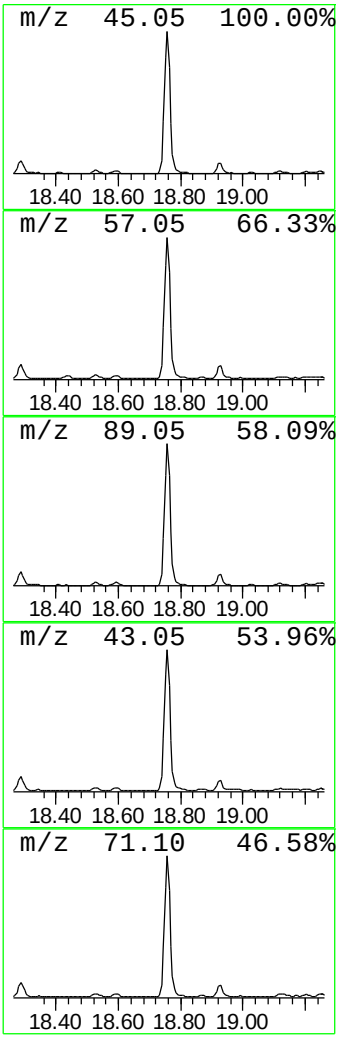
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Triethylene glycol monodode... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	41.72 ng	9363110	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
2	4-Amino-1-butanol	89	C4H11NO	013325-10-5	47
3	Hexagol	282	C12H26O7	002615-15-8	43
4	2-Tridecanol	200	C13H28O	001653-31-2	22
5	10-Methylnonadecane	282	C20H42	056862-62-5	18





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Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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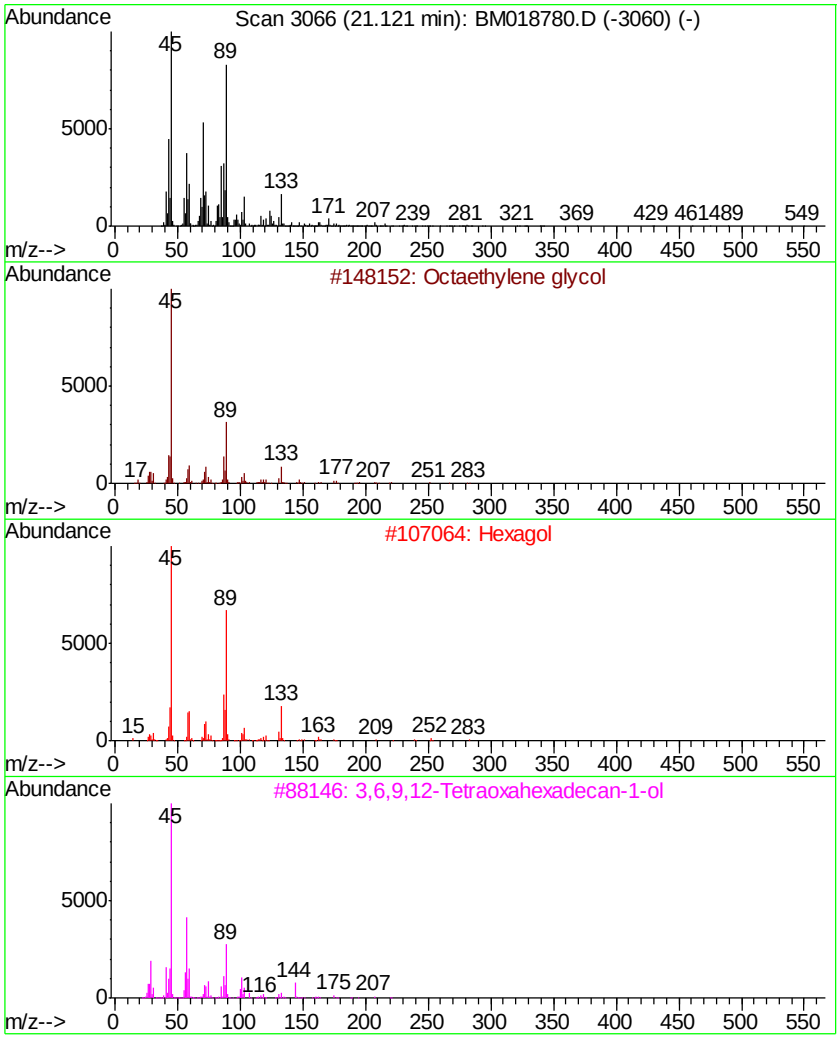
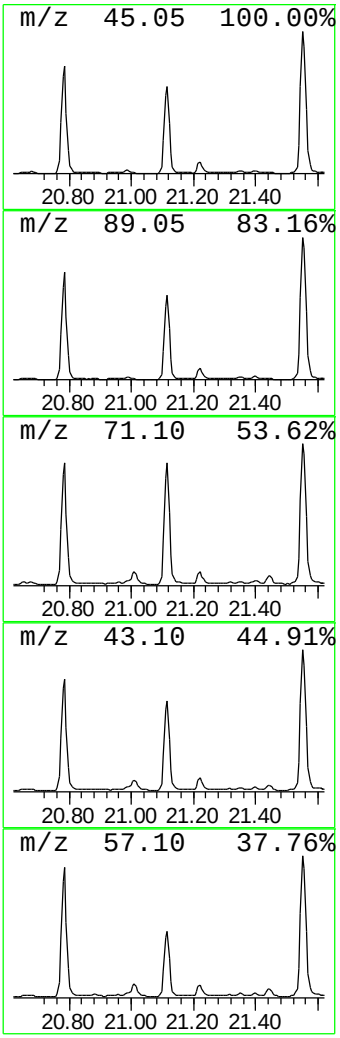
Peak Number 11 Octaethylene glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	22.39 ng	7178660	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol	370	C16H34O9	1000289-34-2	87
2	Hexaglol	282	C12H26O7	002615-15-8	80
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	78
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	78
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	64





Library Search Compound Report

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Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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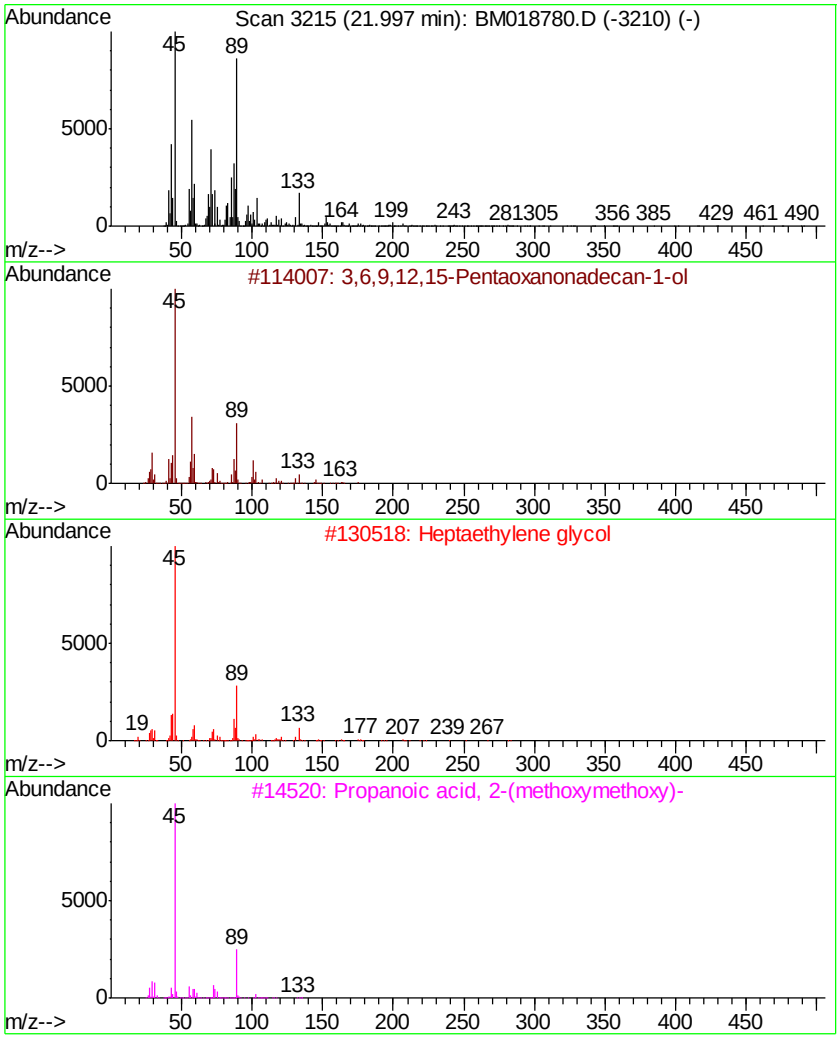
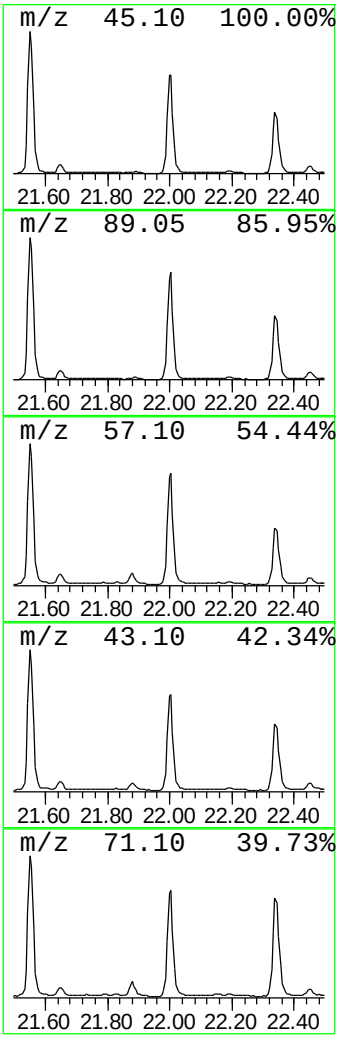
Peak Number 13 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	32.37 ng	10378300	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	78
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
3	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	59
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	58
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	53





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Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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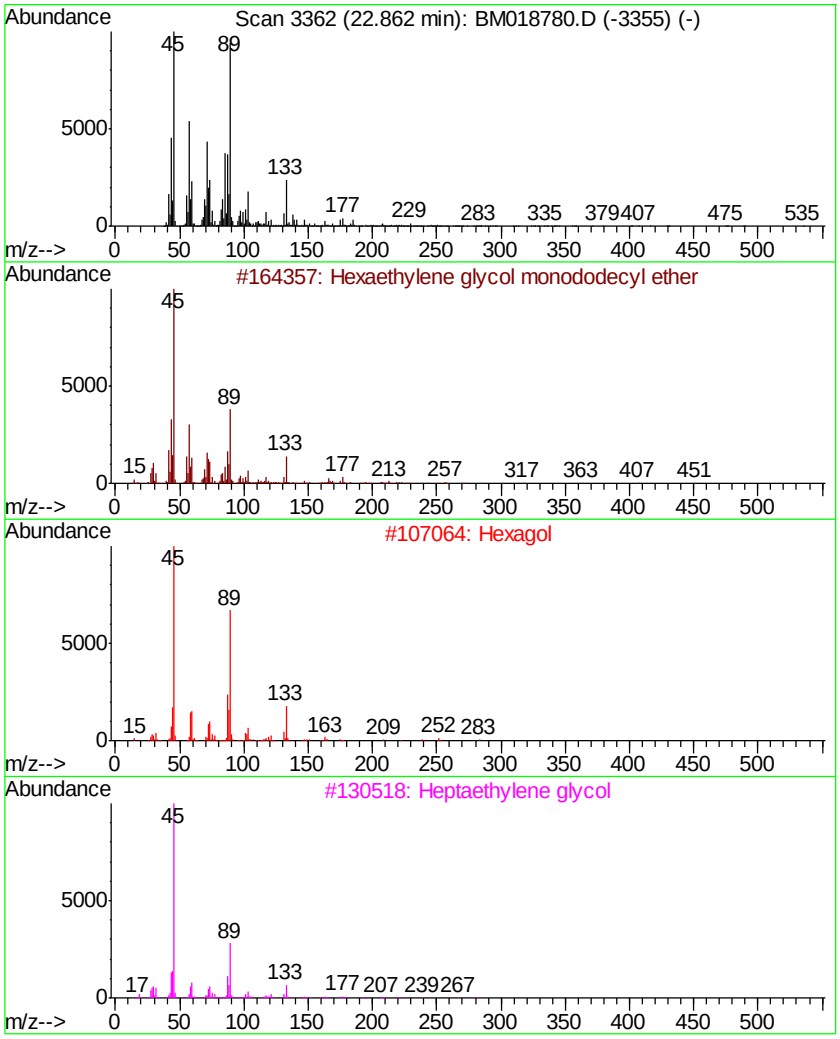
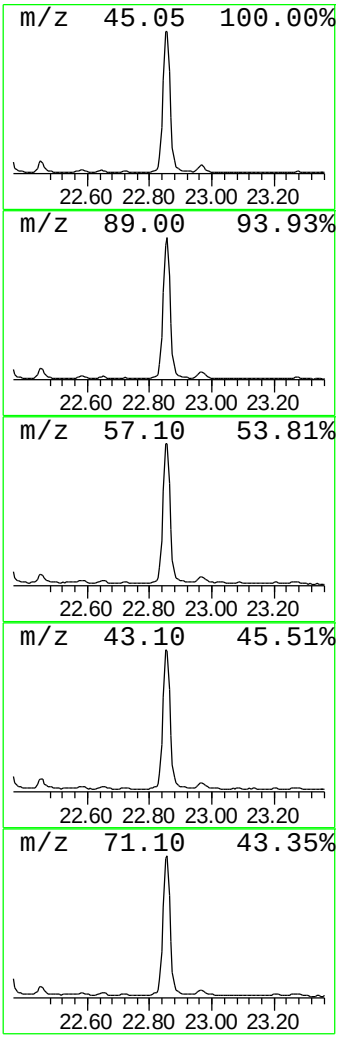
Peak Number 15 Hexaethylene glycol monodod... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	47.65 ng	10963100	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	91
2	Hexagol	282	C12H26O7	002615-15-8	64
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	53
4	Isobutyric acid, hexadecyl ester	312	C20H40O2	025553-23-5	37
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	22





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Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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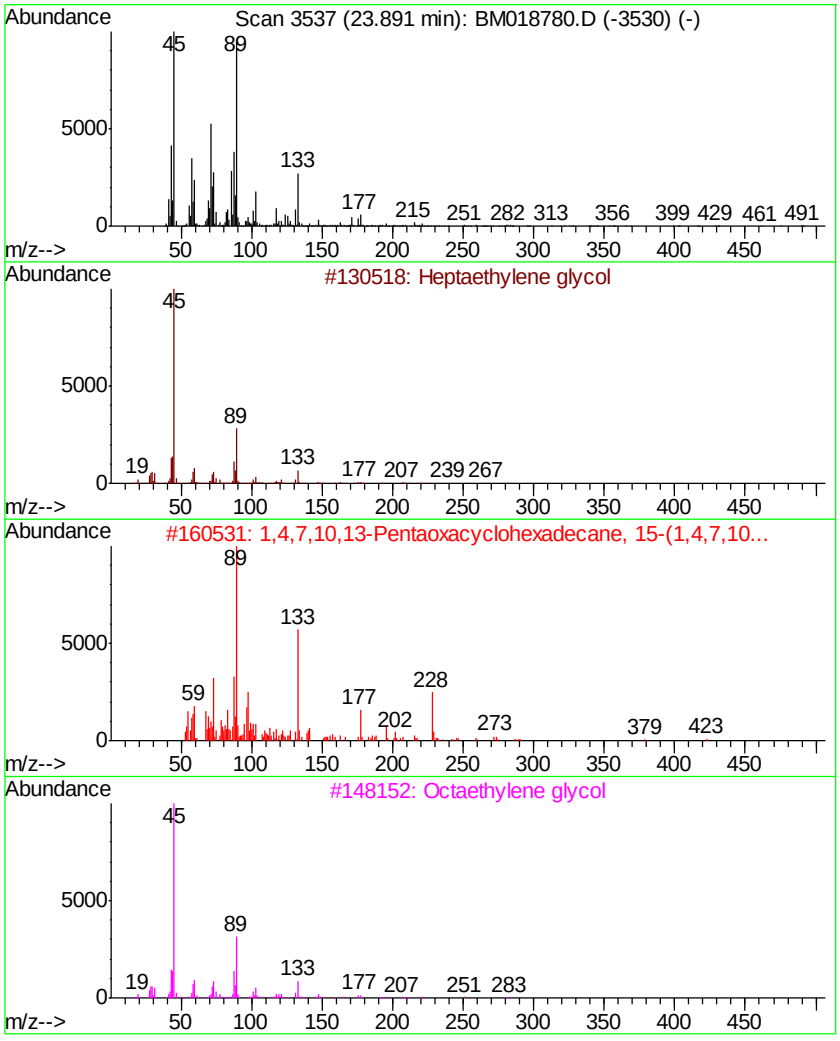
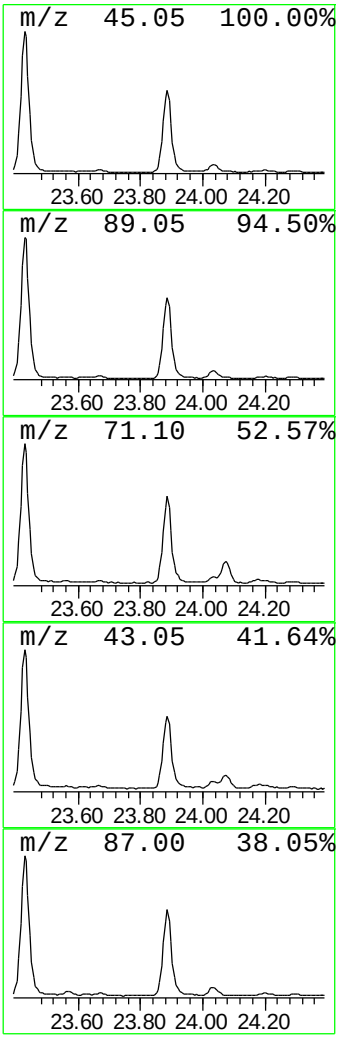
Peak Number 17 Heptaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	18.67 ng	4296410	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
2	1,4,7,10,13-Pentaoxacyclohexadec...	422	C20H38O9	109773-69-5	59
3	Octaethylene glycol	370	C16H34O9	1000289-34-2	58
4	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	50
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	50





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Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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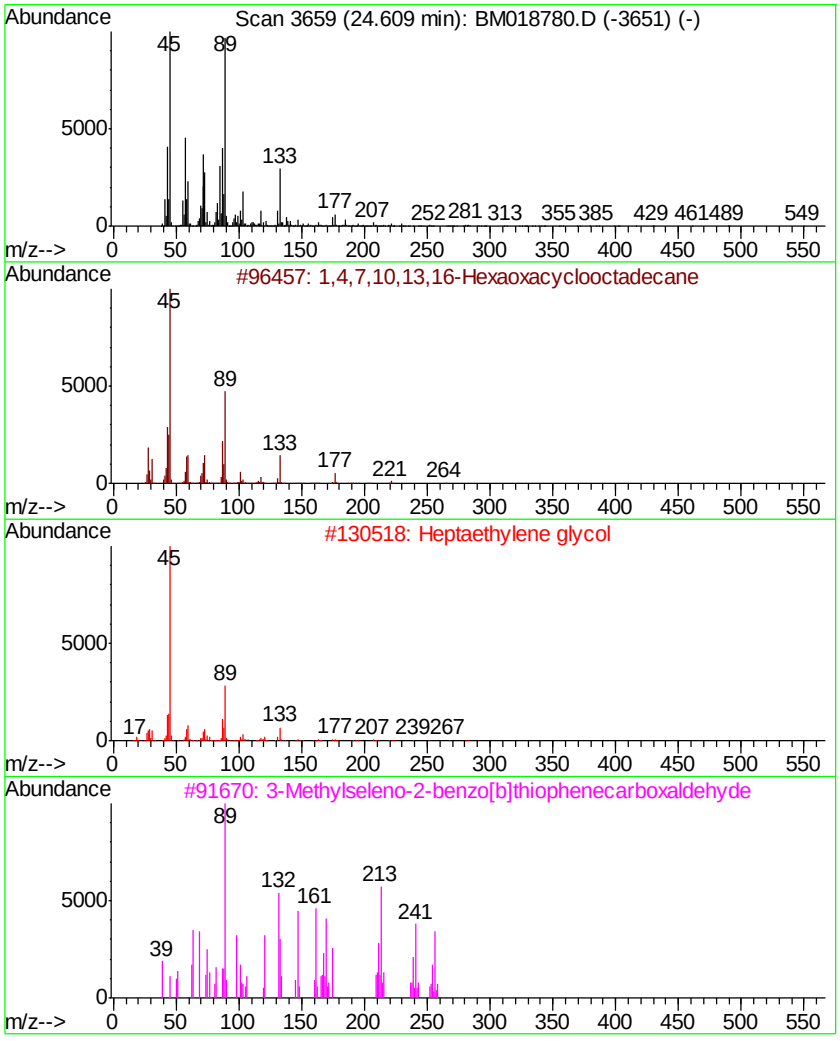
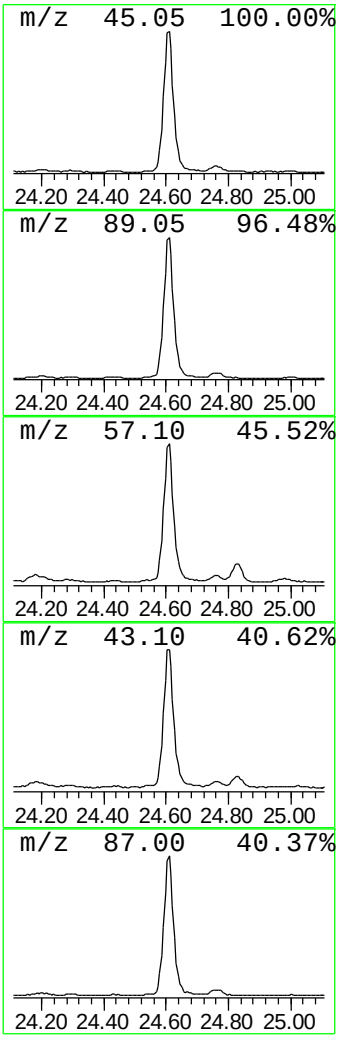
Peak Number 18 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	31.76 ng	7307950	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	59
3	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	47
4	2-Methylseleno-3-benzo[b]thiophe...	256	C10H8OSSe	039857-07-3	47
5	Isobutyric acid, octadecyl ester	340	C22H44O2	013373-82-5	38





Library Search Compound Report

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Operator : JU/SJ
Sample : K1460-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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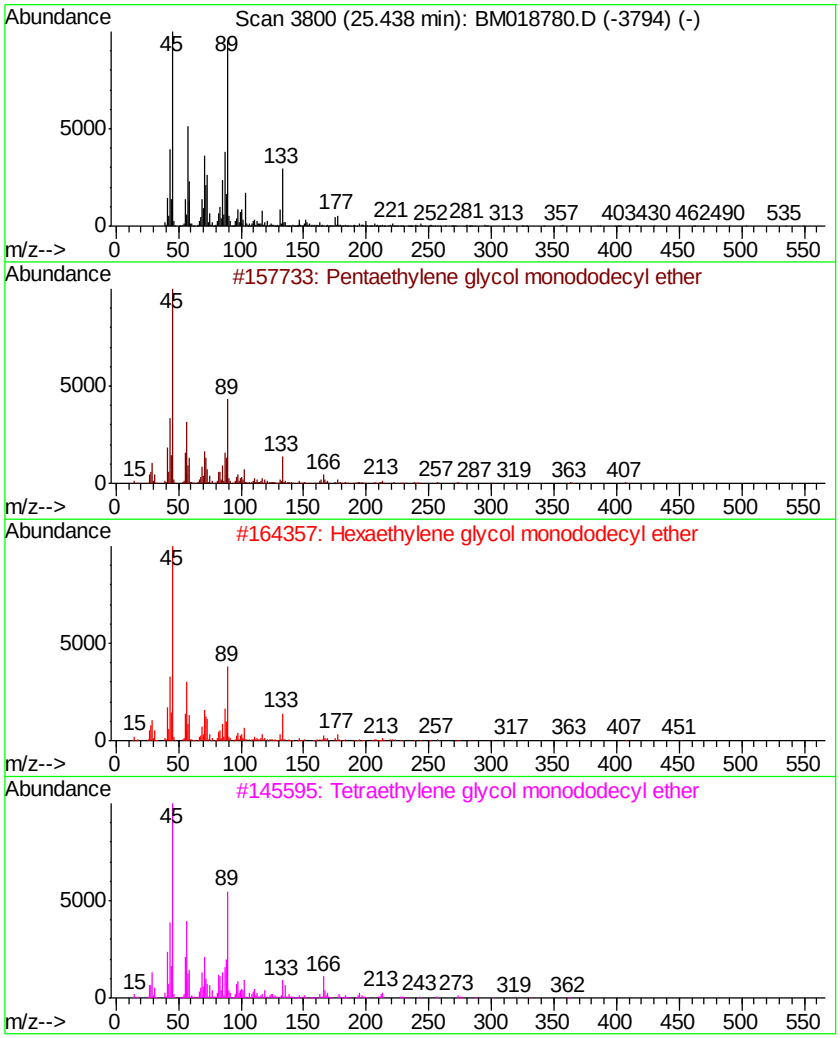
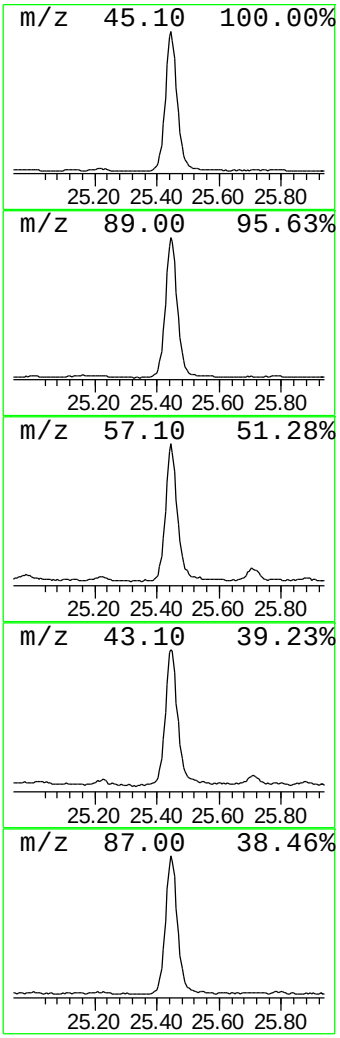
Peak Number 19 Pentaethylene glycol monodo... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	22.05 ng	5073840	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	90
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	80
3	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	64
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	59
5	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-20190208

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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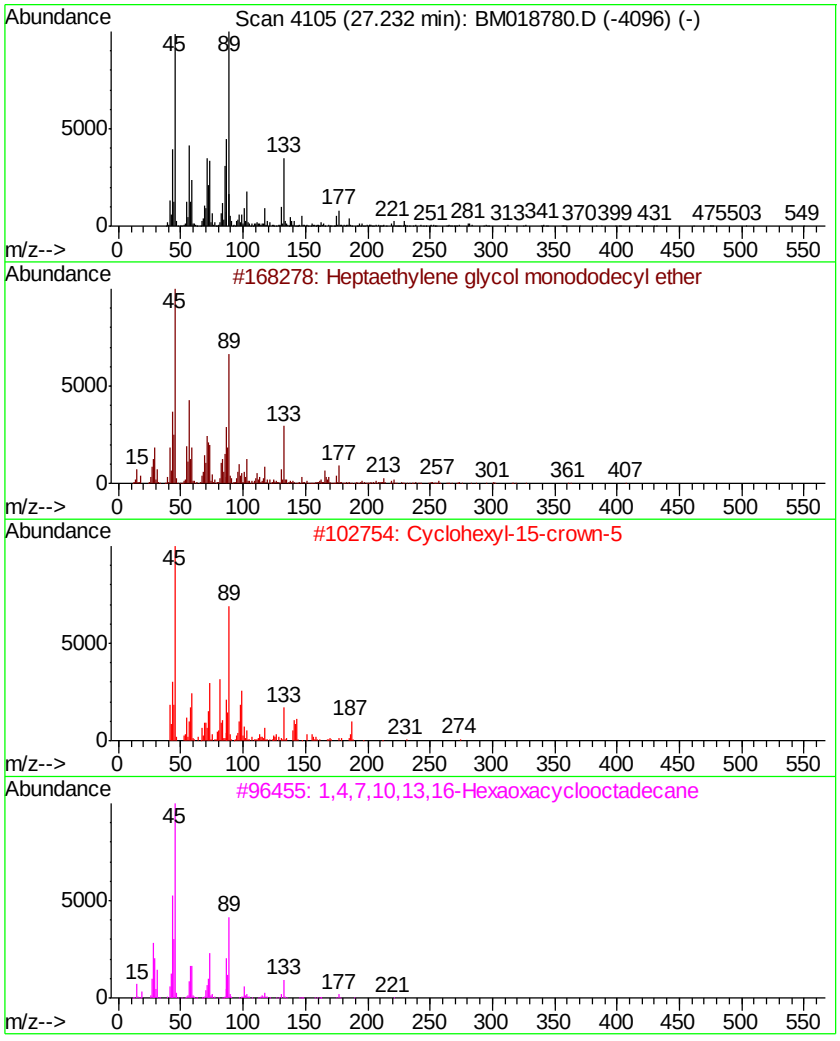
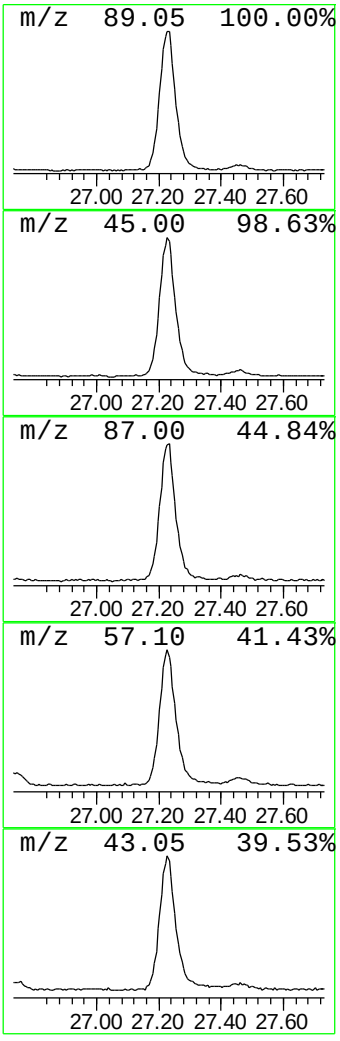
Peak Number 20 Heptaethylene glycol monodo... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.23	18.30 ng	4210940	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	90
2	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	72
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	50
5	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	50





Tentatively Identified Compound (LSC) summary

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Data File : BM018780.D
Acq On : 12 Feb 2019 19:39
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Misc :
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Instrument : BNA_M
ClientSampleId : WC-20190208

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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4-Dodecene	11.53	14.7	ng	1997180	2	10.50	2710300	20.0
Oxirane, 2-butyl-...	16.82	24.8	ng	5555560	4	17.12	4488360	20.0
Ethanol, 2-(dodec...	17.58	23.4	ng	5243520	4	17.12	4488360	20.0
Hexagol	18.09	19.9	ng	4454050	4	17.12	4488360	20.0
Triethylene glyco...	18.76	41.7	ng	9363110	4	17.12	4488360	20.0
Octaethylene glycol	21.12	22.4	ng	7178660	5	21.31	6412450	20.0
3,6,9,12,15-Penta...	22.00	32.4	ng	10378300	5	21.31	6412450	20.0
Hexaethylene glyc...	22.86	47.6	ng	10963100	6	23.57	4601780	20.0
Heptaethylene glycol	23.89	18.7	ng	4296410	6	23.57	4601780	20.0
1,4,7,10,13,16-He...	24.61	31.8	ng	7307950	6	23.57	4601780	20.0
Pentaethylene gly...	25.44	22.1	ng	5073840	6	23.57	4601780	20.0
Heptaethylene gly...	27.23	18.3	ng	4210940	6	23.57	4601780	20.0