LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

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-BM122718.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	5.451	430	436	448	rVB	1616703	2943426	1.25%	0.177%
2	5.963	500	523	527	rBV2	50762506	234950081	100.00%	14.117%
3	6.457	597	607	611	rBV	28621784	48396711	20.60%	2.908%
4	6.951	684	691	700	rVB2	1719291	3364155	1.43%	0.202%
5	7.786	823	833	838	rBV2	2639576	4384135	1.87%	0.263%
6	8.028	864	874	883	rBV	1681806	2683126	1.14%	0.161%
7	8.875	1003	1018	1024	rBV3	772928	2731324	1.16%	0.164%
8	8.951	1024	1031	1036	rVV	3039870	5027844	2.14%	0.302%
9	10.045	1212	1217	1223	rVB	1831667	2788437	1.19%	0.168%
10	10.574	1302	1307	1314	rVB	3445689	5735672	2.44%	0.345%
11	11.986	1540	1547	1553	rBV	2155411	3280970	1.40%	0.197%
12	12.886	1694	1700	1706	rBV2	3104131	4732501	2.01%	0.284%
13	13.051	1721	1728	1733	rBV	7804283	11493750	4.89%	0.691%
14	13.239	1754	1760	1765	rBV	9241413	12820375	5.46%	0.770%
15	13.286	1765	1768	1773	rVB	2410647	3231965	1.38%	0.194%
16	13.568	1810	1816	1821	rBV	1867909	3349535	1.43%	0.201%
17	13.768	1842	1850	1854	rBV3	1310988	3032811	1.29%	0.182%
18	13.810	1854	1857	1863	rVV3	2128190	3203105	1.36%	0.192%
19	13.898	1864	1872	1876	rVV	4265998	7723855	3.29%	0.464%
20	13.945	1876	1880	1885	rVV	4337532	6260354	2.66%	0.376%
21	14.021	1889	1893	1897	rVB	2096075	2859773	1.22%	0.172%
22	14.074	1897	1902	1913	rBV3	3045995	6210180	2.64%	0.373%
23	14.327	1938	1945	1948	rBV	27955388	38533425	16.40%	2.315%
24	14.380	1948	1954	1959	rVV3	29779102	63206049	26.90%	3.798%
25	14.427	1959	1962	1968	rVV2	6351802	11001112	4.68%	0.661%
26	14.768	2015	2020	2025	rBV3	3526827	8337027	3.55%	0.501%
27	14.821	2025	2029	2034	rVB2	3990836	5587649	2.38%	0.336%
28	14.880	2034	2039	2042	rBV	3752329	4856350	2.07%	0.292%
29	14.939	2042	2049	2056	rVV3	7956648	15372048	6.54%	0.924%
30	15.009	2057	2061	2065	rVB	4179801	5136273	2.19%	0.309%
31	15.280	2099	2107	2112	rVV3	65525327	132154639	56.25%	7.940%
32	15.333	2112	2116	2120	rVB2	3941205	7008198	2.98%	0.421%
33	15.380	2120	2124	2130	rBV3	3134964	4626715	1.97%	0.278%
34	15.592	2157	2160	2164	rVB	3154271	4179317	1.78%	0.251%

LSC Area Percent Report

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Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

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-BM122718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.686	2168	2176	2180	rBV	12715491	26108331	11.11%	1.569%
36	15.721	2180	2182	2188	rVB3	4232316	4923810	2.10%	0.296%
37	15.780	2188	2192	2197	rVB	4894184	6216456	2.65%	0.374%
38	15.833	2197	2201	2207	rBV2	6502736	10200960	4.34%	0.613%
39	15.898	2208	2212	2215	rBV	8596048	10181965	4.33%	0.612%
40	15.939	2215	2219	2223	rBV2	3703568	5262814	2.24%	0.316%
41	16.074	2238	2242	2244	rBV4	1732902	2514523	1.07%	0.151%
42	16.151	2249	2255	2260	rBV	51324272	93471921	39.78%	5.616%
43	16.192	2260	2262	2270	rVB	18800784	28213402	12.01%	1.695%
44	16.268	2271	2275	2279	rVV3	2938312	4631478	1.97%	0.278%
45	16.486	2308	2312	2315	rBV	4837728	7100346	3.02%	0.427%
46	16.545	2319	2322	2328	rVB2	3938779	4870281	2.07%	0.293%
47	16.598	2328	2331	2335	rVB2	3937363	4455277	1.90%	0.268%
48	16.651	2336	2340	2346	rVB2	4951656	5956185	2.54%	0.358%
49	16.715	2347	2351	2353	rVV2	3151268	3775631	1.61%	0.227%
50	16.751	2353	2357	2364	rVB2	4187757	6145973	2.62%	0.369%
51	16.886	2376	2380	2384	rBV2	5117279	6136568	2.61%	0.369%
52	16.939	2384	2389	2393	rVV	40074092	52180497	22.21%	3.135%
53	16.986	2393	2397	2408	rVB2	11844378	22287944	9.49%	1.339%
54	17.080	2408	2413	2416	rBV3	2901967	5312839	2.26%	0.319%
55	17.180	2426	2430	2435	rBV2	8008462	12553964	5.34%	0.754%
56	17.268	2436	2445	2449	rVB	29560815	44030294	18.74%	2.645%
57	17.356	2458	2460	2465	rVB	2393382	2811215	1.20%	0.169%
58	17.403	2465	2468	2475	rBV	3359903	4484227	1.91%	0.269%
59	17.474	2476	2480	2486	rVB2	4005963	6449533	2.75%	0.388%
60	17.539	2487	2491	2495	rBV2	3151876	4606767	1.96%	0.277%
61	17.592	2496	2500	2501	rBV	2297744	3134208	1.33%	0.188%
62	17.674	2509	2514	2520	rVB	30725433	38126329	16.23%	2.291%
63	17.739	2520	2525	2532	rBV	4653627	8865491	3.77%	0.533%
64	17.950	2558	2561	2566	rBV2	2142502	3525532	1.50%	0.212%
65	18.156	2592	2596	2598	rBV2	2071036	2639884	1.12%	0.159%
66	18.362	2627	2631	2636	rVB	13814865	17126668	7.29%	1.029%
67	18.609	2669	2673	2677	rBV2	2005363	2934187	1.25%	0.176%
68	18.709	2685	2690	2697	rVB	10687130	13916530	5.92%	0.836%
69	18.821	2704	2709	2718	rVB	9928797	11914046	5.07%	0.716%
70	18.997	2735	2739	2747	rVV3	5330015	8360896	3.56%	0.502%
71	19.062	2747	2750	2756	rVV	3089484	3925550	1.67%	0.236%

LSC Area Percent Report

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Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

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-BM122718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.180	2764	2770	2774	rBV3	1393634	3119644	1.33%	0.187%
73	19.286	2784	2788	2794	rVB	10134580	12004041	5.11%	0.721%
74	19.427	2809	2812	2824	rVB2	2953016	4605263	1.96%	0.277%
75	19.809	2871	2877	2888	rVB2	20028910	34078855	14.50%	2.048%
76	19.915	2890	2895	2903	rBV	11904447	16459929	7.01%	0.989%
77	20.144	2931	2934	2939	rVV3	1674135	3109302	1.32%	0.187%
78	20.262	2948	2954	2956	rVV2	36247138	52310741	22.26%	3.143%
79	20.286	2956	2958	2967	rVV2	22592263	39004850	16.60%	2.344%
80	20.362	2967	2971	2974	rVV	11332658	14146963	6.02%	0.850%
81	20.397	2974	2977	2982	rVB	5211644	6266242	2.67%	0.376%
82	20.486	2988	2992	3002	rVB2	3201835	6968717	2.97%	0.419%
83	20.633	3010	3017	3022	rBV	7481968	19152842	8.15%	1.151%
84	20.697	3026	3028	3031	rVV	2486393	2508820	1.07%	0.151%
85	20.839	3045	3052	3064	rVB3	12380850	25345936	10.79%	1.523%
86	20.944	3066	3070	3075	rBV	3697387	3990518	1.70%	0.240%
87	21.180	3105	3110	3120	rBV2	37365042	56430747	24.02%	3.391%
88	21.368	3136	3142	3153	rVB	7782541	12372123	5.27%	0.743%
89	21.621	3181	3185	3196	rVB	10434450	12559804	5.35%	0.755%
90	21.780	3209	3212	3220	rVB	1807567	2474798	1.05%	0.149%
91	22.056	3254	3259	3274	rBV	34517677	54530596	23.21%	3.276%
92	22.227	3284	3288	3295	rVB2	2777888	3773245	1.61%	0.227%
93	22.427	3317	3322	3327	rBV2	1906534	3616897	1.54%	0.217%
94	22.950	3406	3411	3424	rVB	5503480	9512705	4.05%	0.572%
95	23.068	3425	3431	3446	rVB3	15676931	30690954	13.06%	1.844%
96	23.538	3507	3511	3524	rVB3	1442182	2910278	1.24%	0.175%
97	23.662	3526	3532	3541	rVB	3780439	7580497	3.23%	0.455%
98	24.362	3641	3651	3670	rBV3	11691381	30124750	12.82%	1.810%
99	24.750	3712	3717	3731	rVB	2479407	5977388	2.54%	0.359%
100	26.068	3933	3941	3955	rBV2	2798074	8175055	3.48%	0.491%

Sum of corrected areas: 1664357909

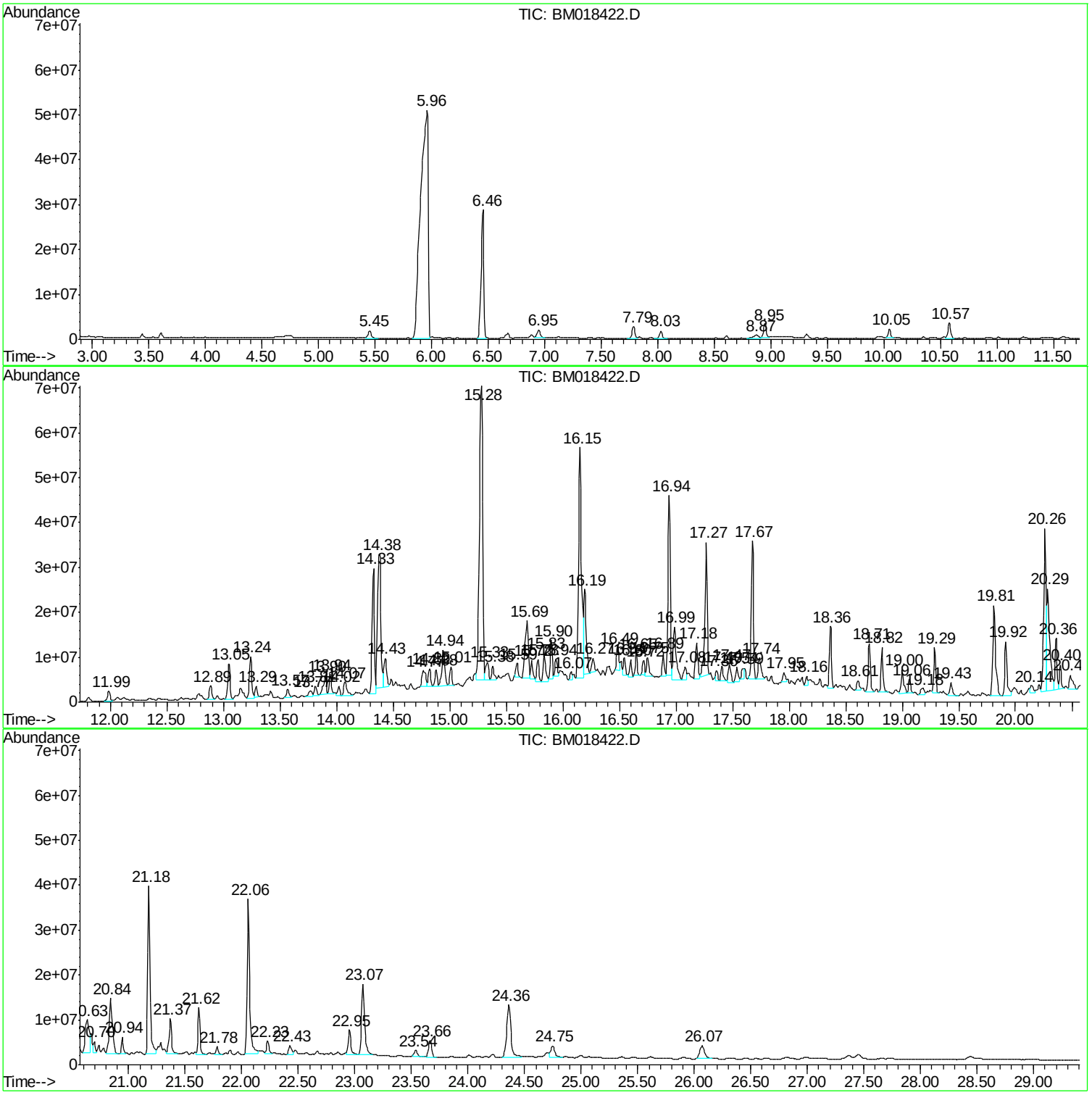
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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\BM122718\
Data File : BM018422.D
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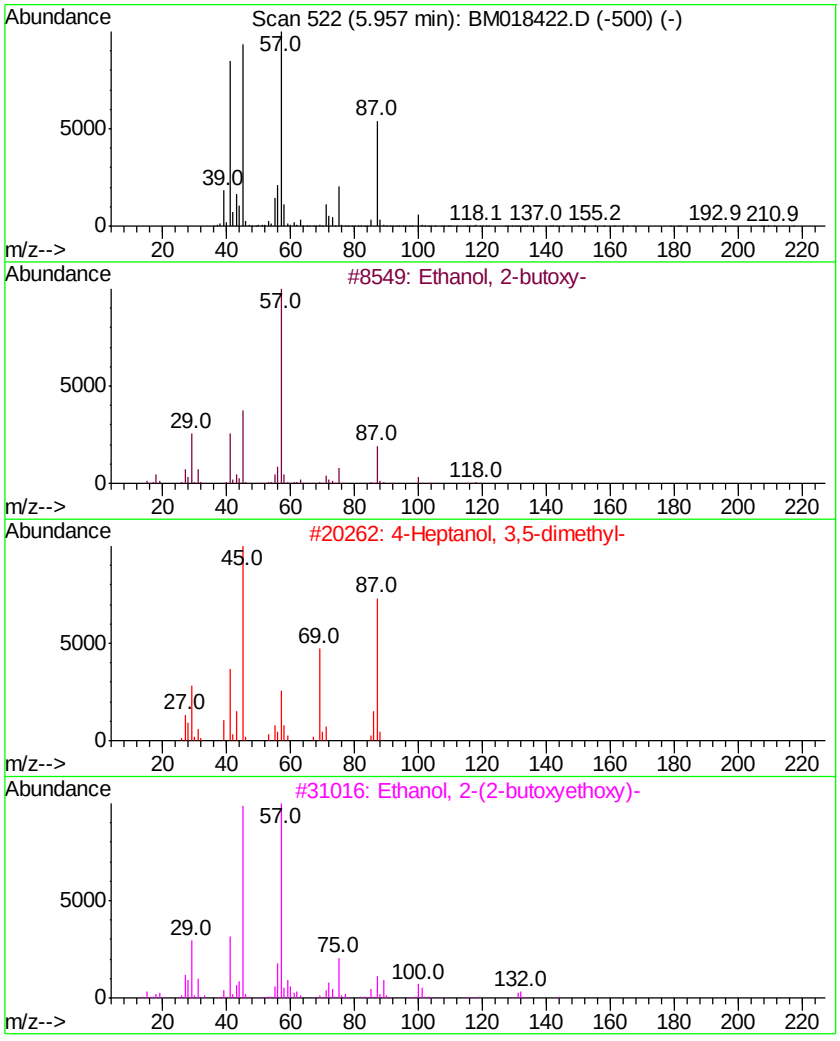
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

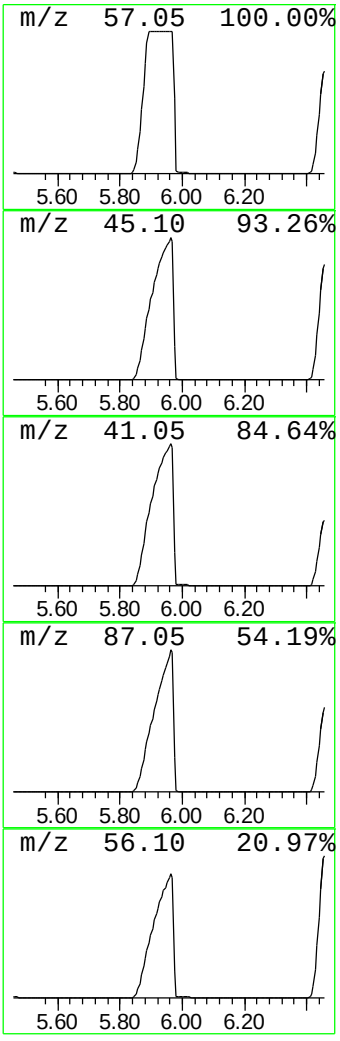
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	1071.82 ng	234950000	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	50
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	42
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
5	4,5-Octanediol, 3,6-dimethyl-	174	C10H22O2	1000153-21-1	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

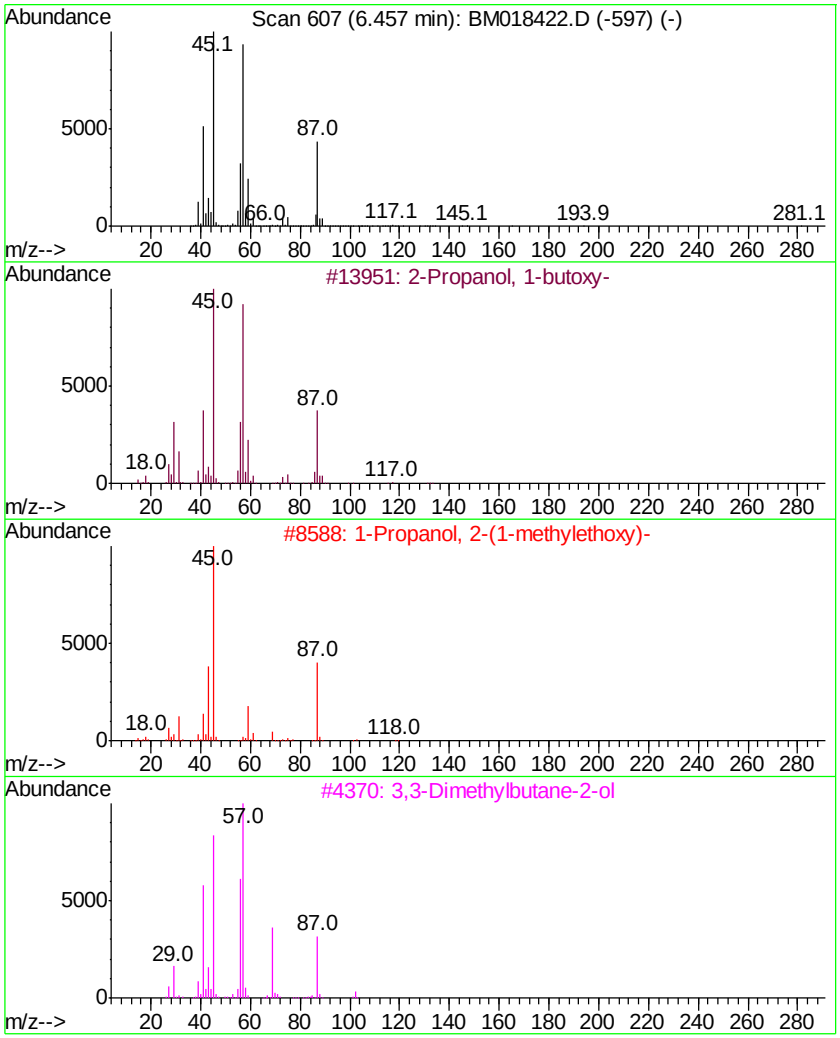
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

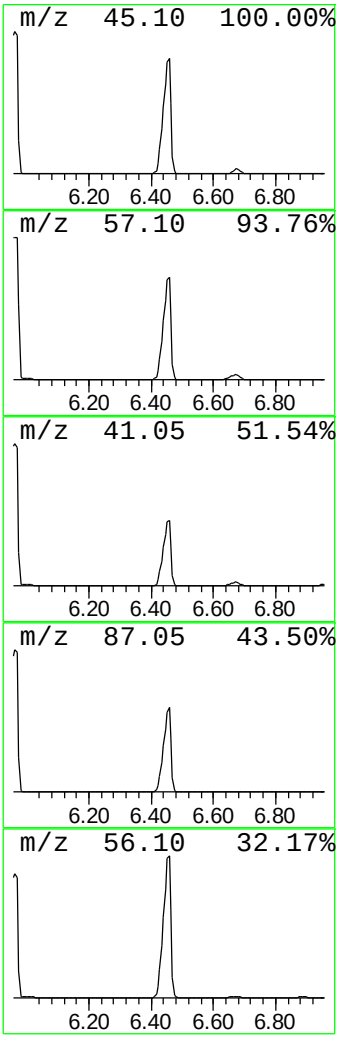
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	220.78 ng	48396700	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	45
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
4	Diisopropyl ether	102	C6H14O	000108-20-3	42
5	4-Octanone, 5-hydroxy-3,6-dimethyl-	172	C10H20O2	062759-47-1	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
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Acq On : 28 Dec 2018 07:15
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Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

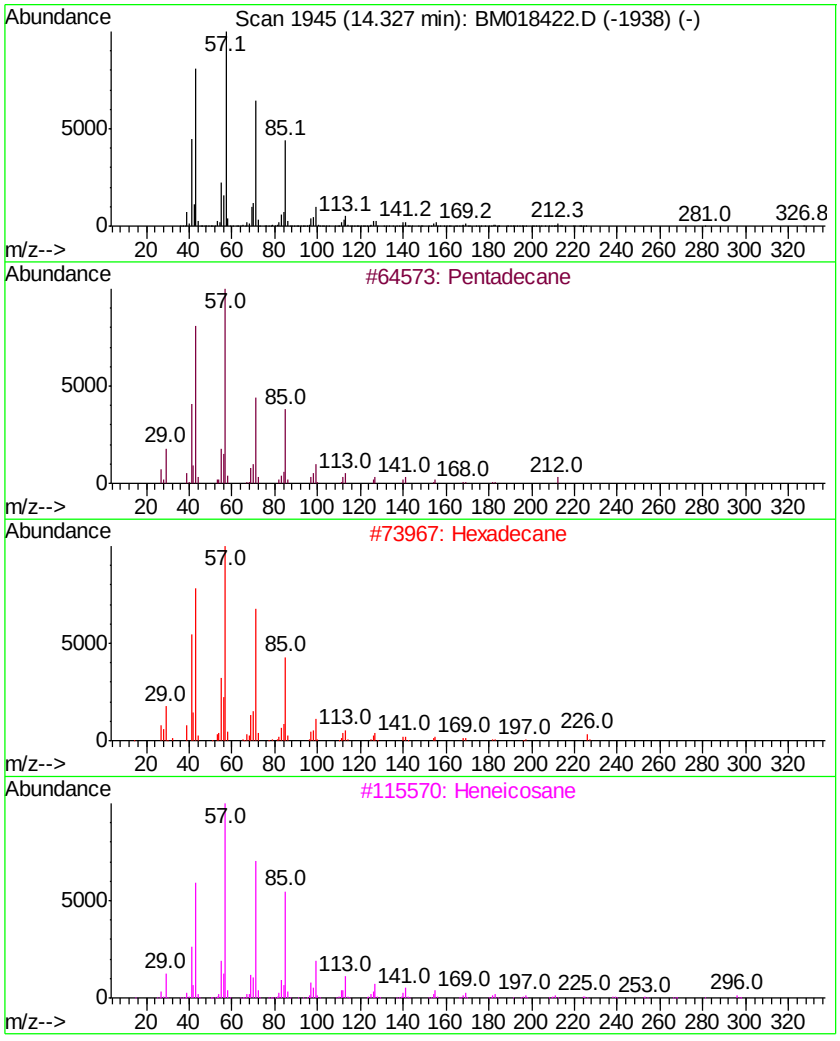
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

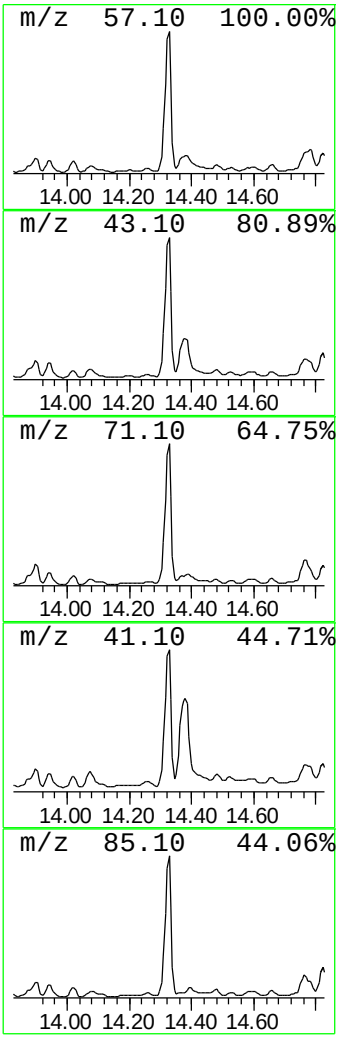
****

Peak Number 3 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	70.05 ng	38533400	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

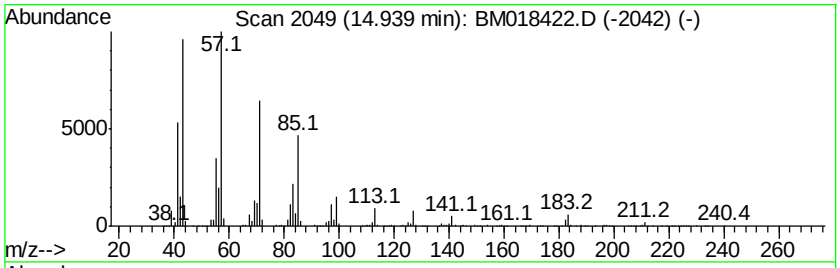
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

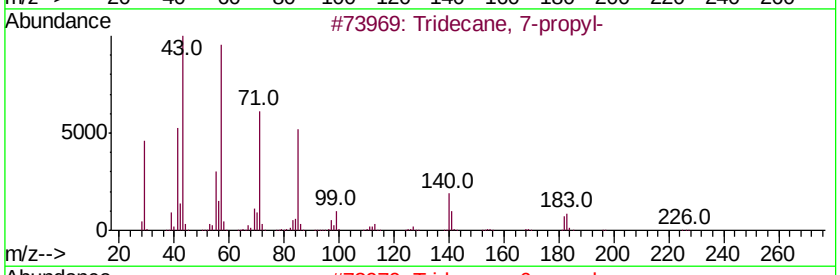
****

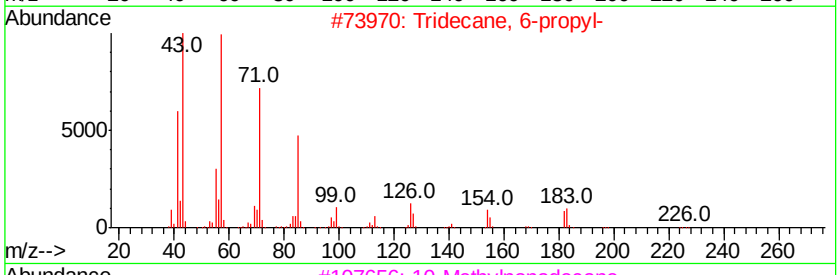
Peak Number 4 Tridecane, 7-propyl- Concentration Rank 19

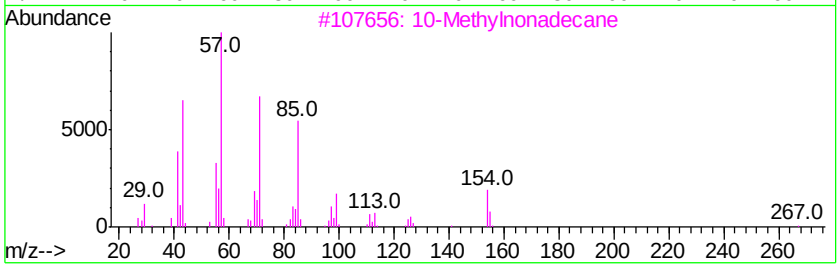
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	27.95 ng	15372000	Acenaphthene-d10	14.43

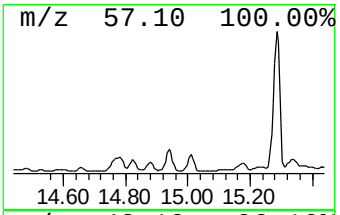
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
5	Tetracosane	338	C24H50	000646-31-1	74

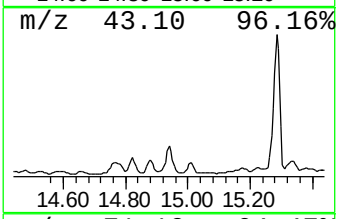


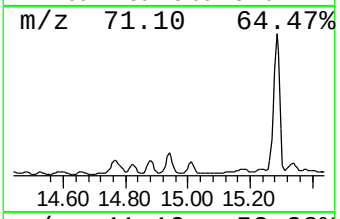


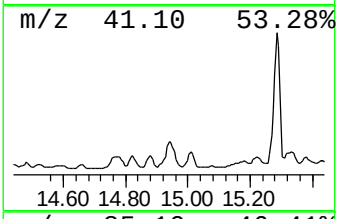


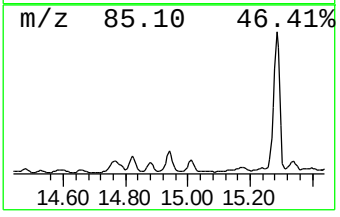












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Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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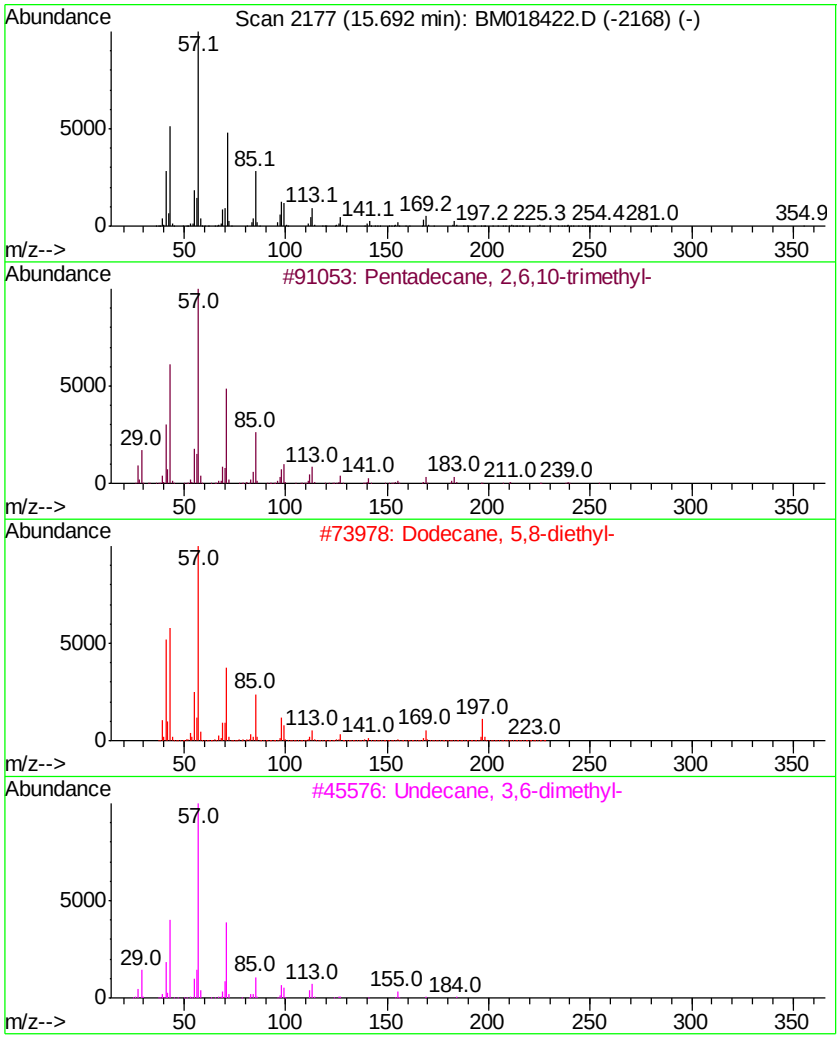
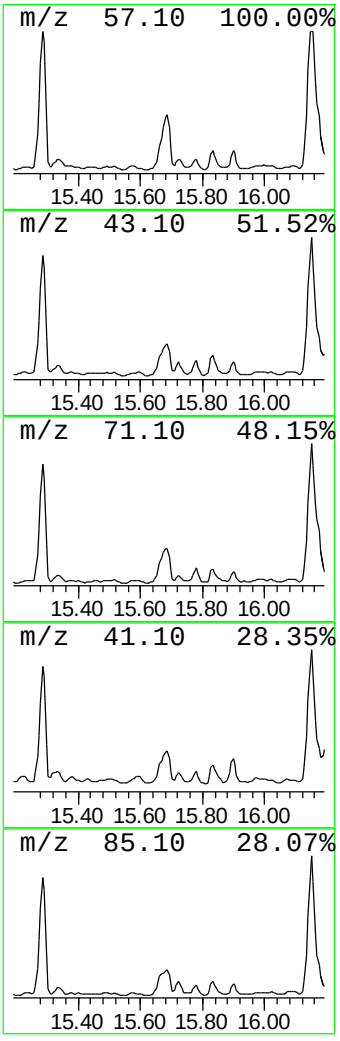
Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	47.46 ng	26108300	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	76
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	76
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





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Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

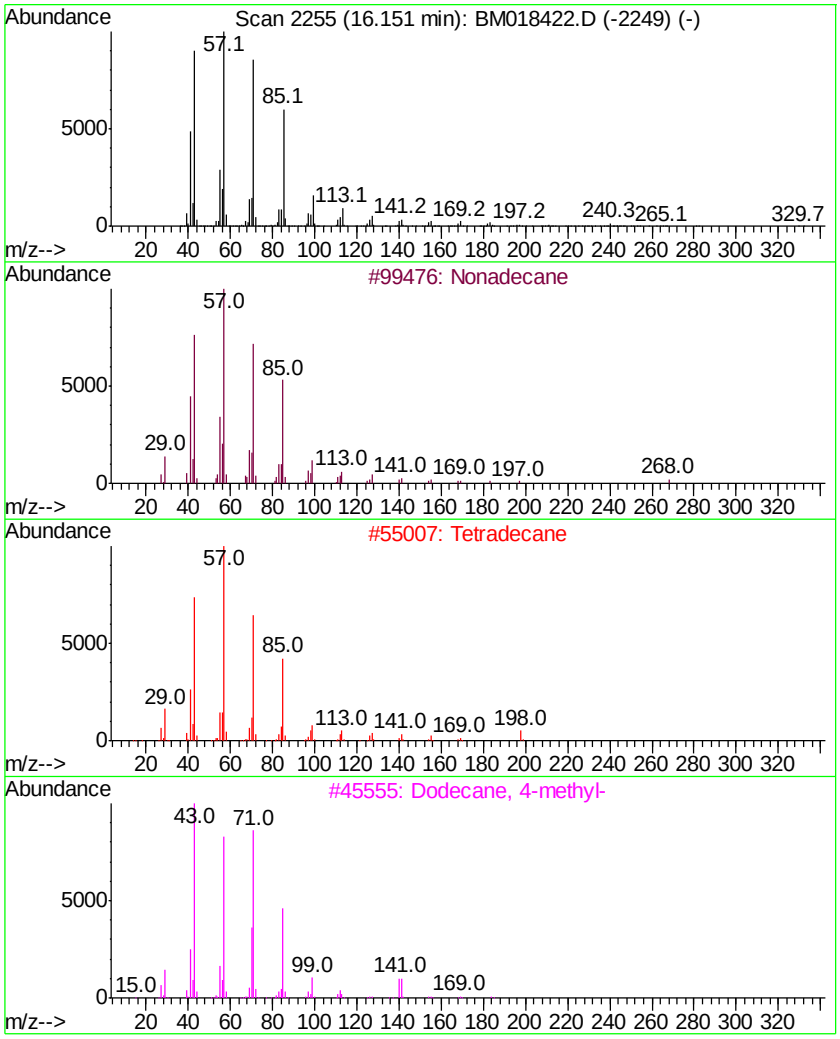
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

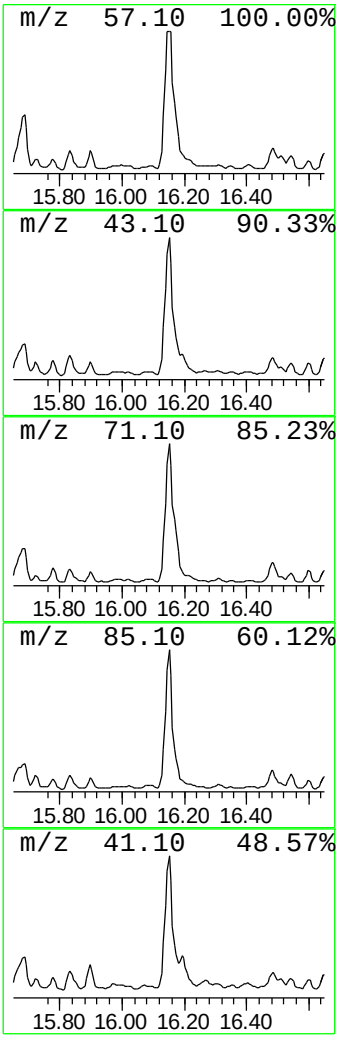
****

Peak Number 6 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	148.91 ng	93471900	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

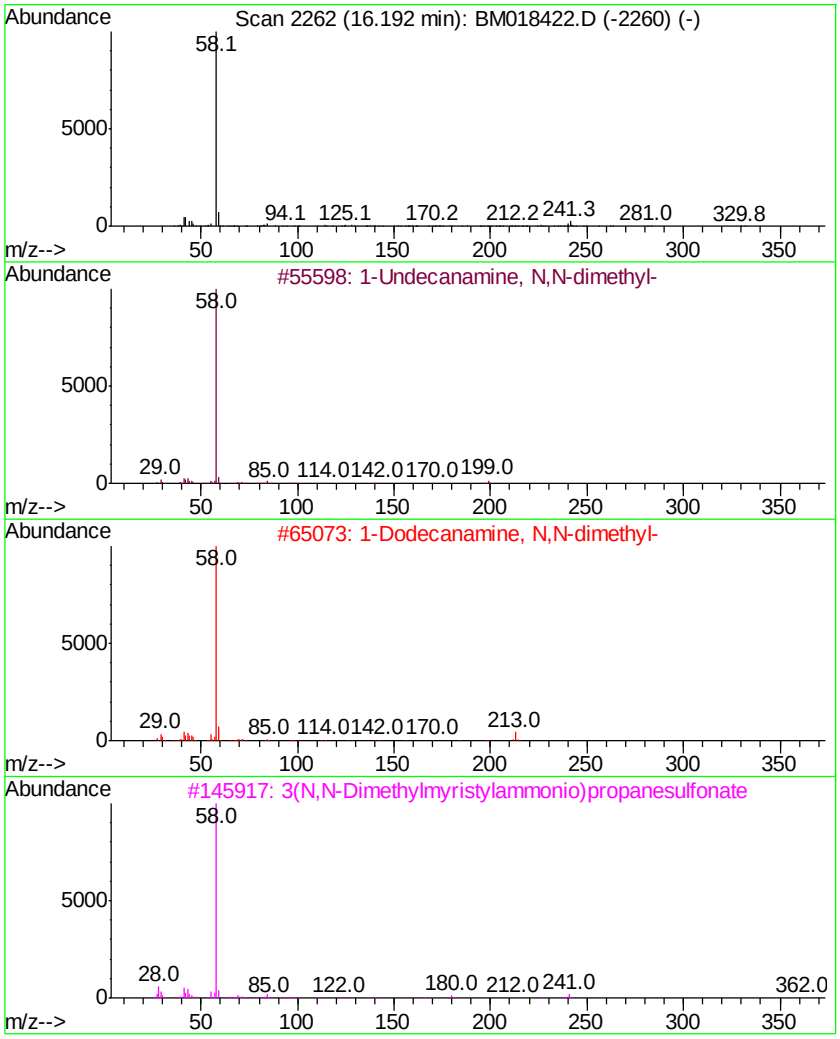
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

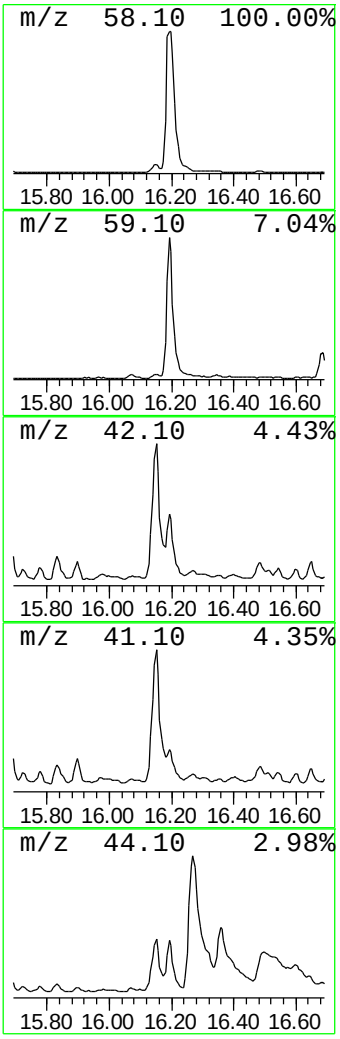
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Undecanamine, N,N-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	44.95 ng	28213400	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	80
2	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	78
3	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	74
4	Miristalkonium Chloride	367	C23H42ClN	000139-08-2	72
5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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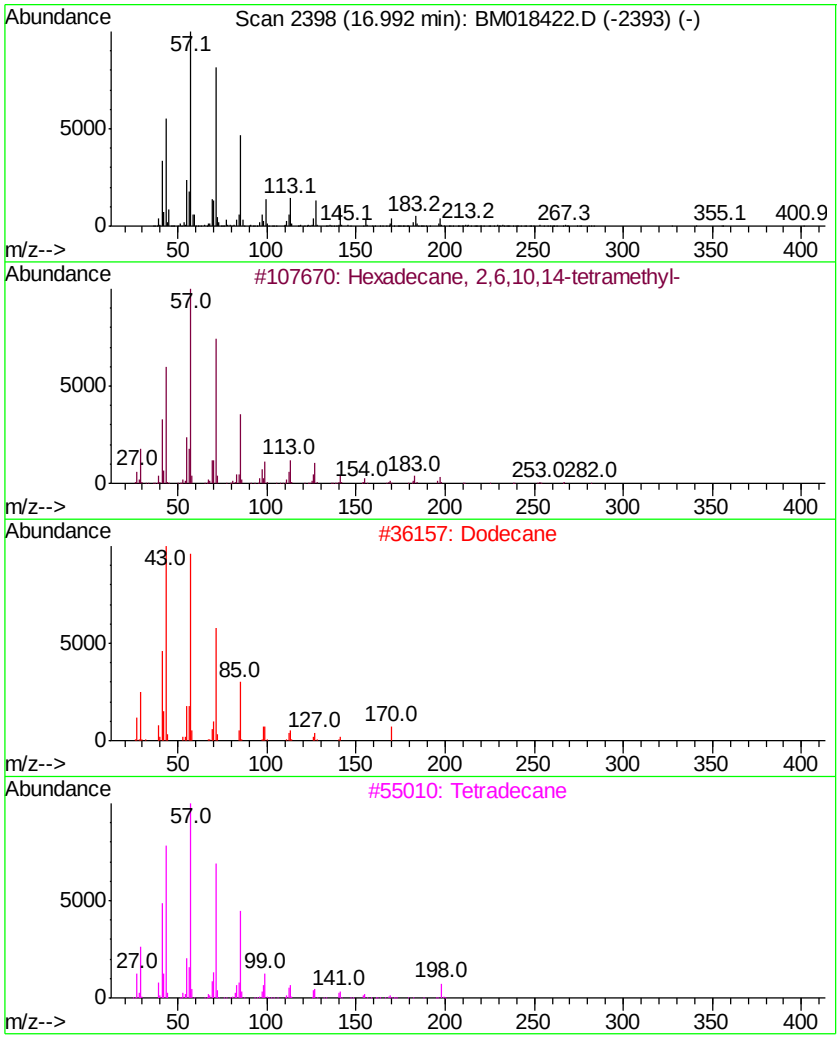
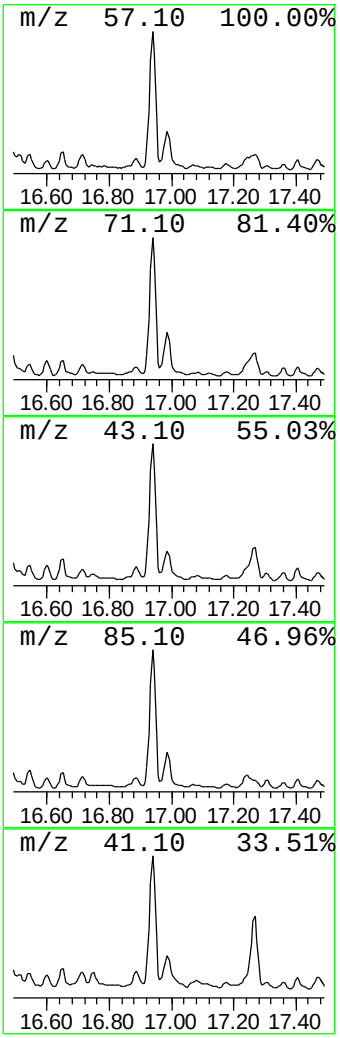
Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	35.51 ng	22287900	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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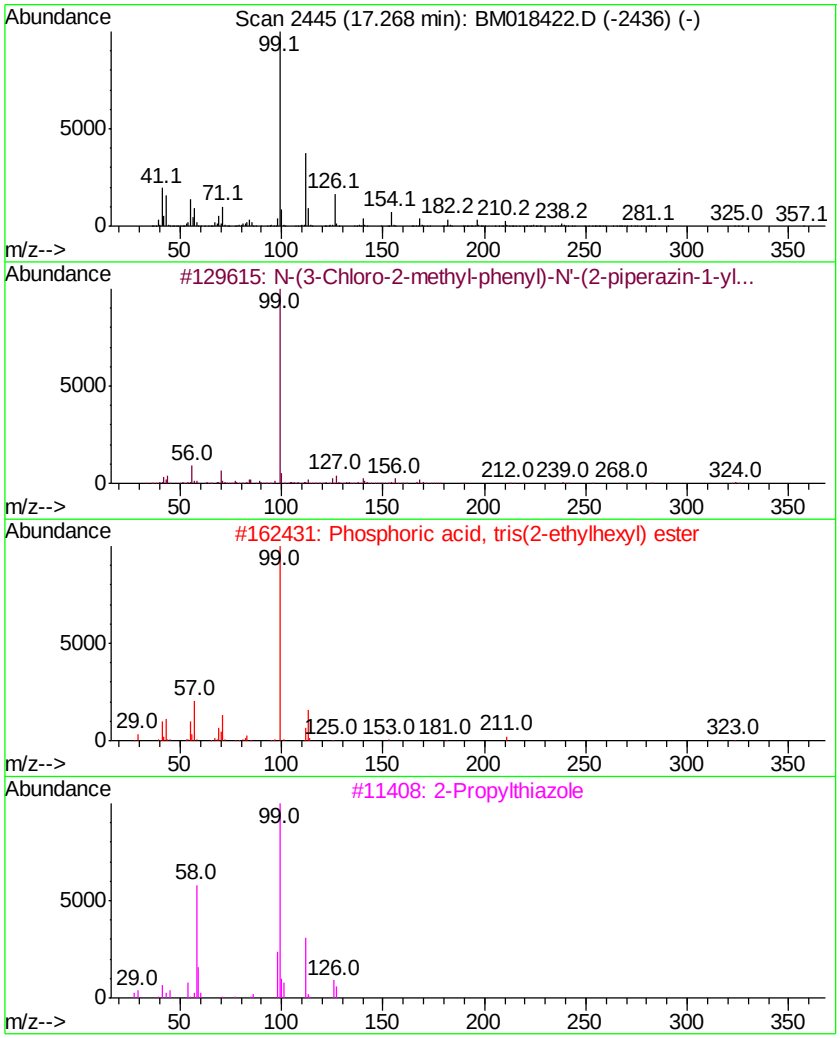
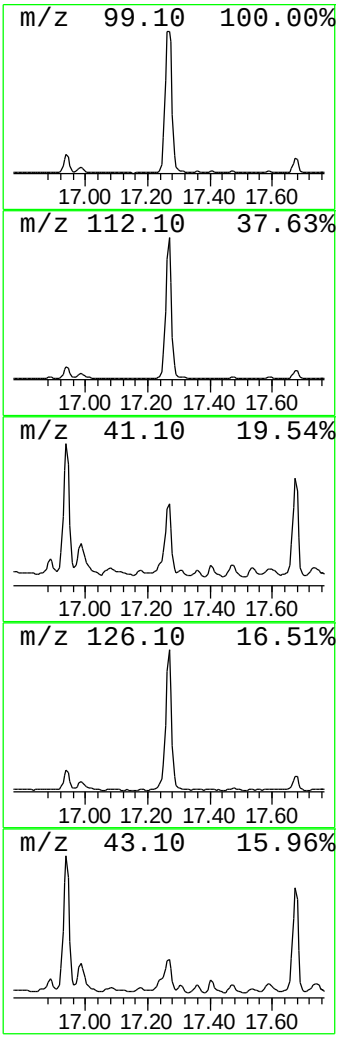
Peak Number 10 unknown17.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	70.15 ng	44030300	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	38
2	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	38
3	2-Propylthiazole	127	C6H9NS	017626-75-4	38
4	1-Penten-3-ol, 3-ethyl-2-methyl-	128	C8H16O	028832-46-4	37
5	2(3H)-Furanone, dihydro-5-methyl...	156	C9H16O2	010200-21-2	37





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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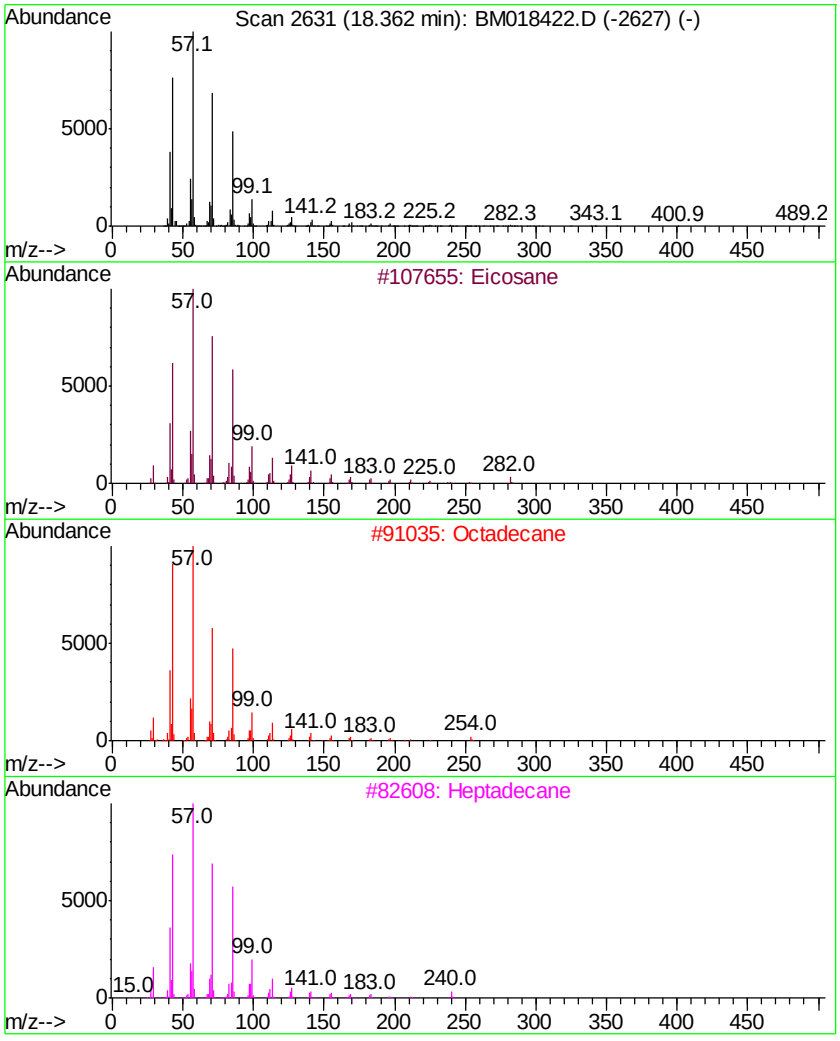
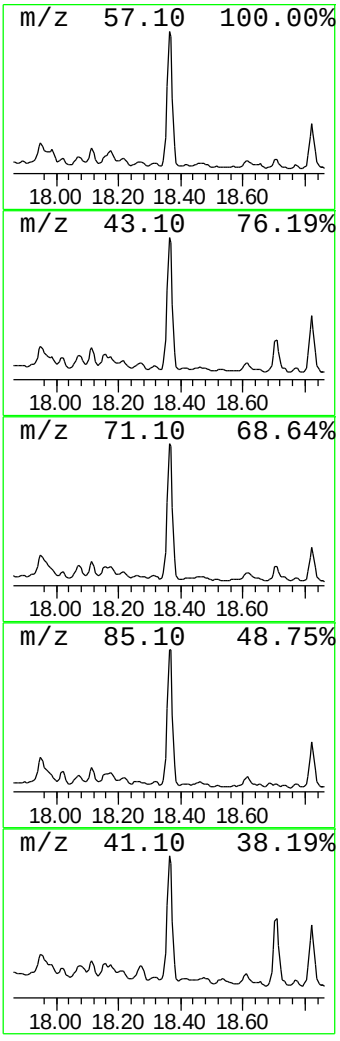
Peak Number 12 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	27.28 ng	17126700	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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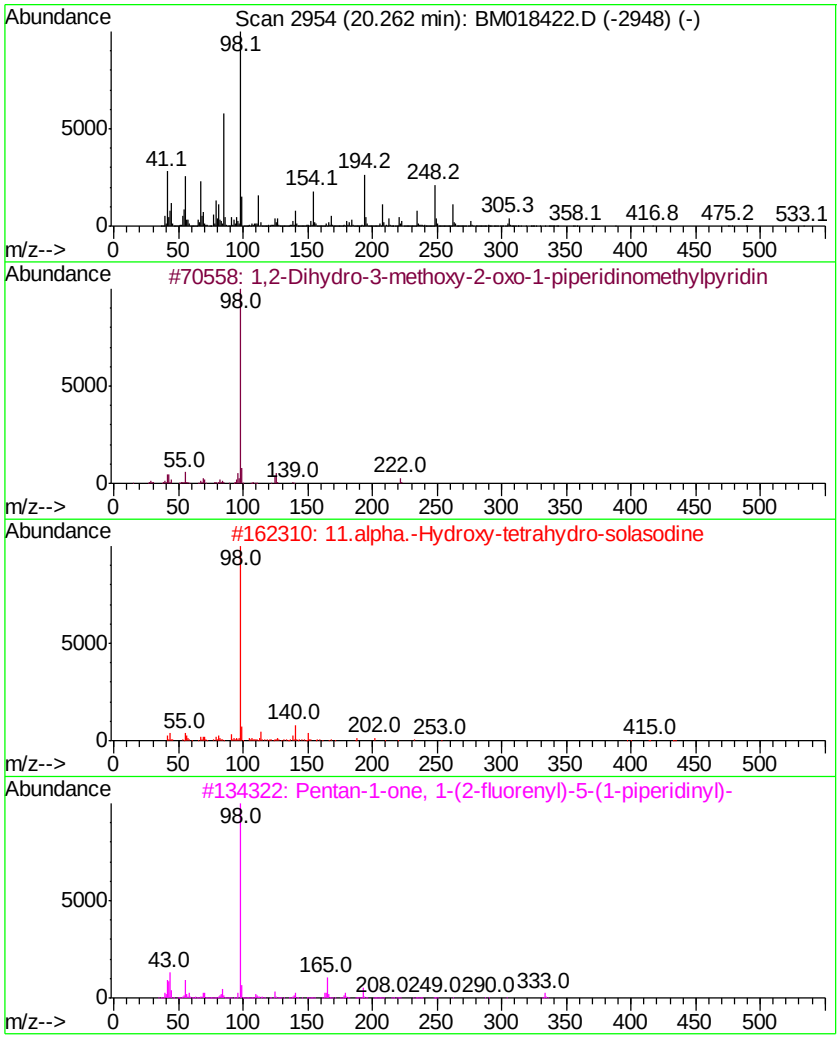
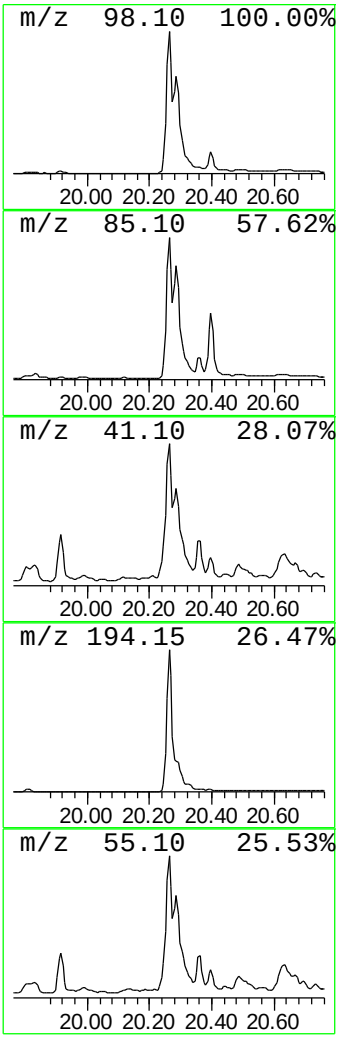
Peak Number 13 unknown20.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	84.56 ng	52310700	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-3-methoxy-2-oxo-1-pi...	222	C12H18N2O2	020928-62-5	30
2	11.alpha.-Hydroxy-tetrahydro-sol...	433	C27H47NO3	1000256-08-3	27
3	Pentan-1-one, 1-(2-fluorenyl)-5-...	333	C23H27NO	293762-78-4	27
4	1-Piperidinepropanenitrile	138	C8H14N2	003088-41-3	27
5	1-Benzoylamino-5-piperidinyl-1-(...	384	C23H29ClN2O	171203-89-7	27





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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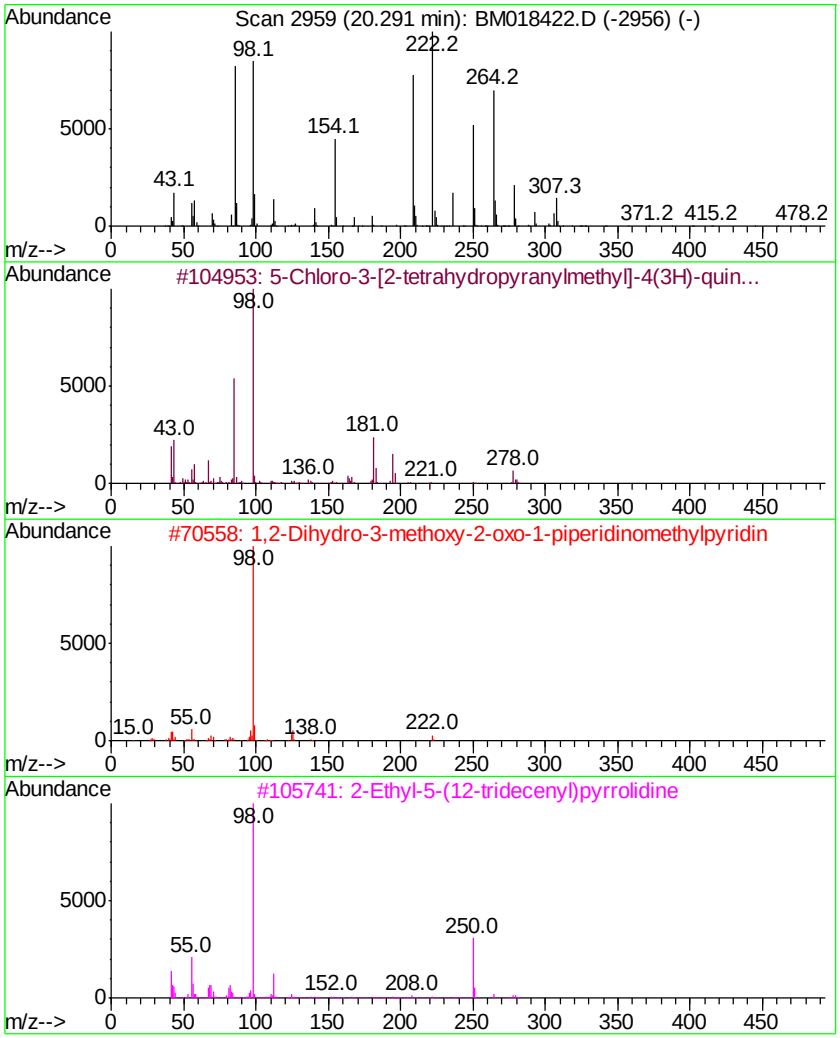
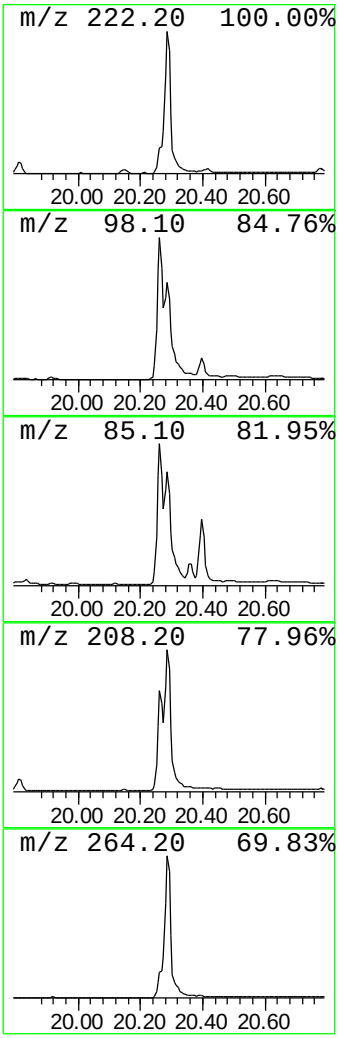
Peak Number 14 unknown20.29 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	63.05 ng	39004900	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-3-[2-tetrahydropyranylm...	278	C14H15ClN2O2	1000255-11-0	27
2	1,2-Dihydro-3-methoxy-2-oxo-1-pi...	222	C12H18N2O2	020928-62-5	22
3	2-Ethyl-5-(12-tridecenyl)pyrroli...	279	C19H37N	1000111-45-8	14
4	2-Azabutan-3-one, 1-(1-methylaza...	328	C16H22Cl2N2O	184637-52-3	11
5	2,7-Bis-(2-piperidin-1-yl-ethoxy...	449	C27H35N3O3	1000285-80-1	10





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Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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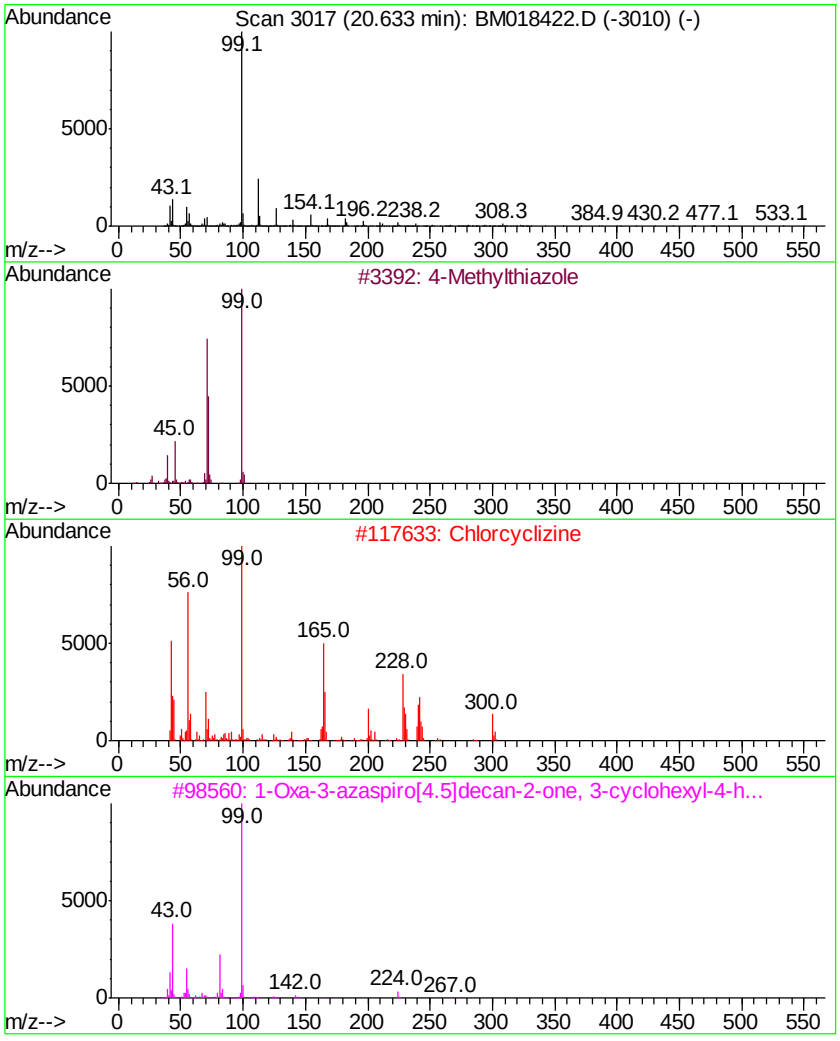
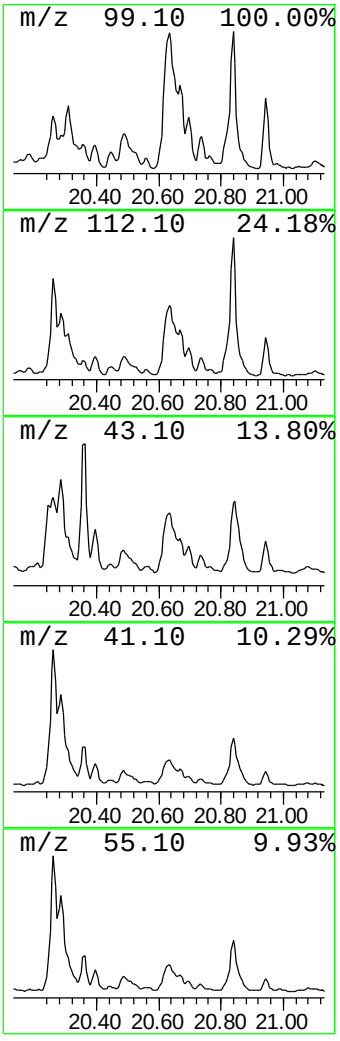
Peak Number 15 unknown20.63 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	30.96 ng	19152800	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthiazole	99	C4H5NS	000693-95-8	38
2	Chlorcyclizine	300	C18H21ClN2	000082-93-9	38
3	1-Oxa-3-azaspiro[4.5]decan-2-one...	267	C15H25NO3	341941-91-1	38
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	33
5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	33





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Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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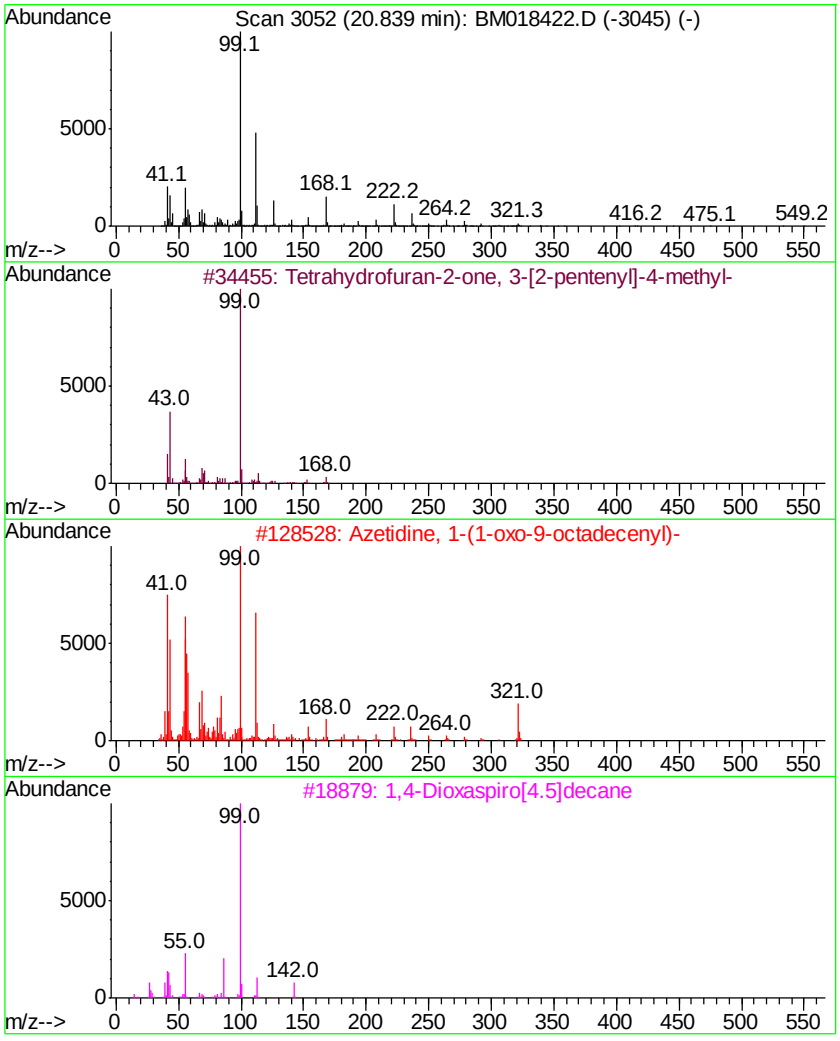
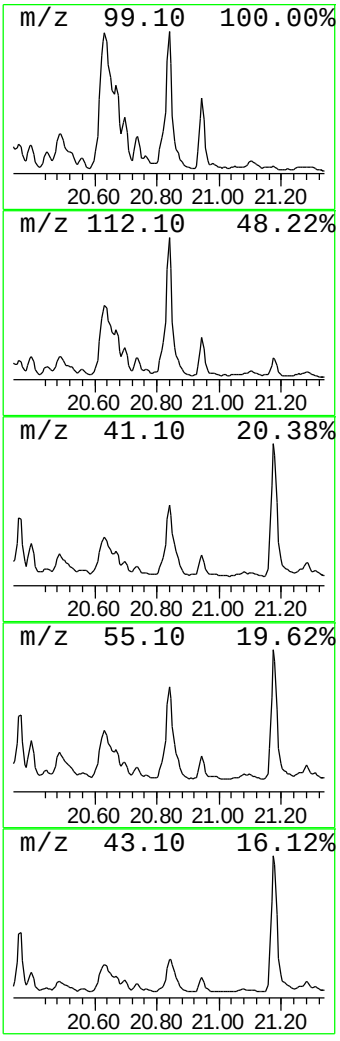
Peak Number 16 unknown20.84 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	40.97 ng	25345900	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	43
2	Azetidine, 1-(1-oxo-9-octadecenyl)-	321	C21H39NO	056667-16-4	40
3	1,4-Dioxaspiro[4.5]decane	142	C8H14O2	000177-10-6	38
4	Phosphoric acid, monododecyl ester	266	C12H27O4P	002627-35-2	35
5	1,4-Dioxaspiro[4.5]decan-8-ol	158	C8H14O3	022428-87-1	35





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Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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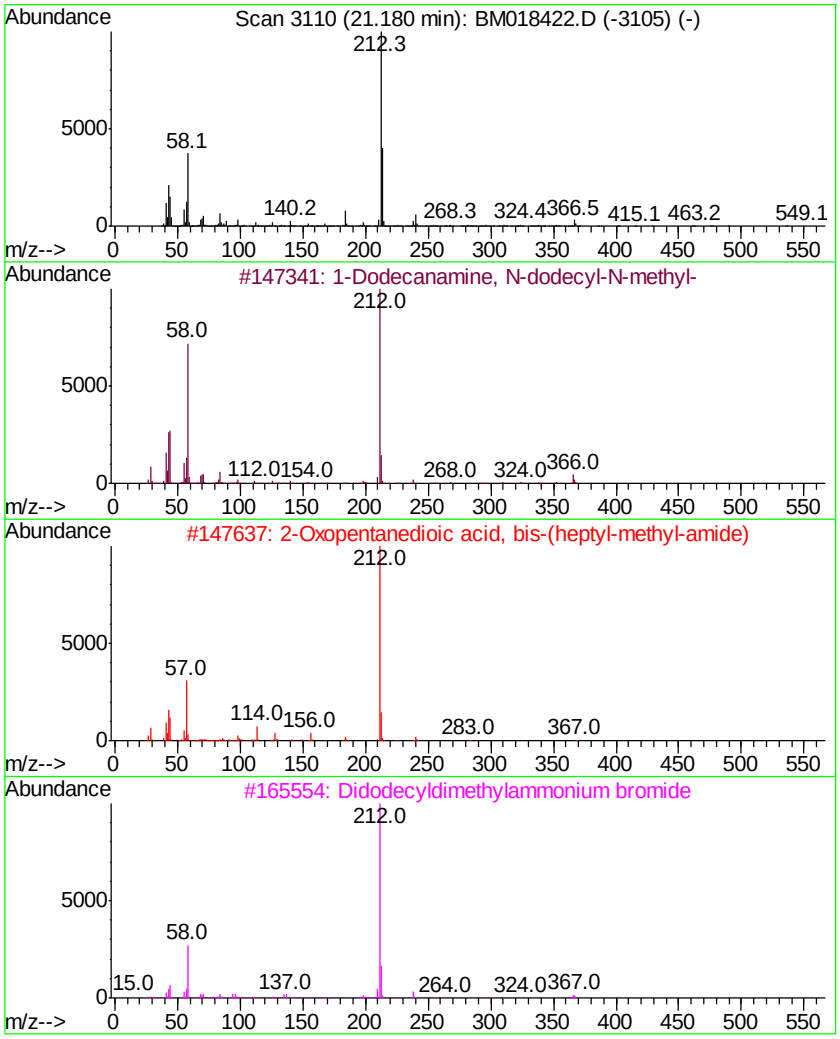
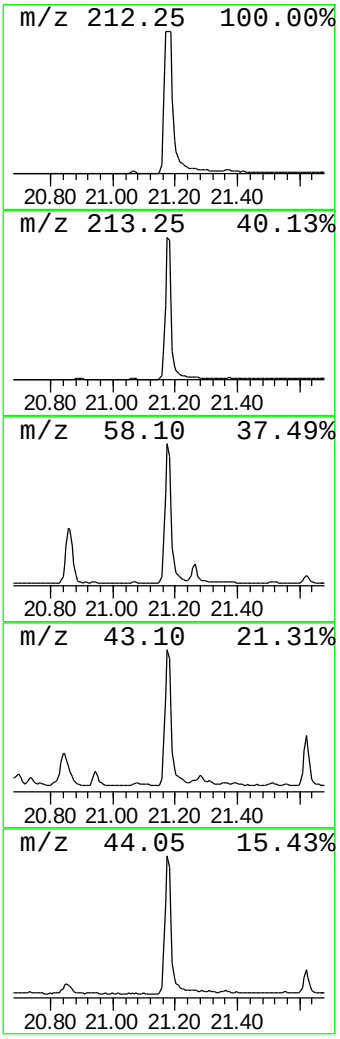
Peak Number 17 1-Dodecanamine, N-dodecyl-N... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	91.22 ng	56430700	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanamine, N-dodecyl-N-methyl-	367	C25H53N	002915-90-4	70
2	2-Oxopentanedioic acid, bis-(hep...	368	C21H40N2O3	1000193-26-7	49
3	Didodecyldimethylammonium bromide	461	C26H56BrN	003282-73-3	42
4	N-Phenyl-N'-(4-hydroxybenzyliden...	212	C13H12N2O	016435-03-3	37
5	N-tert-Butyl-2-(3-nitro-[1,2,4]t...	227	C8H13N5O3	1000274-42-0	33





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Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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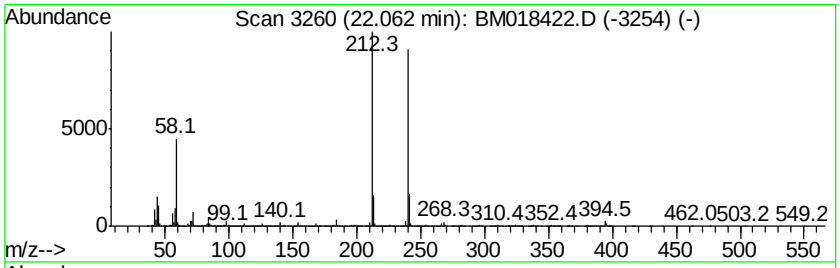
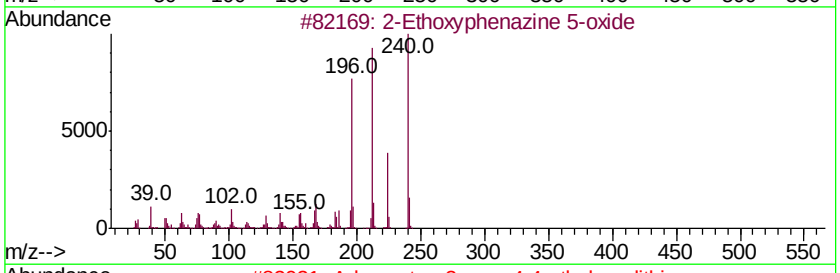
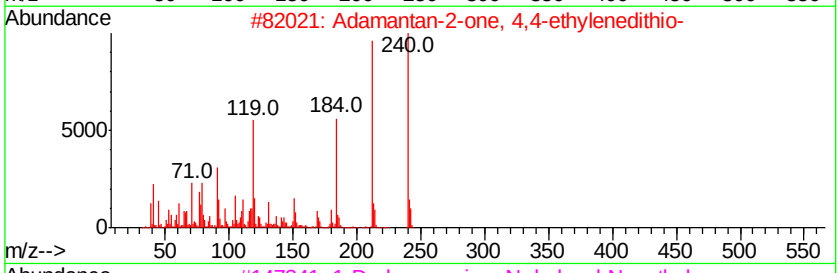
Peak Number 18 unknown22.06 Concentration Rank 5

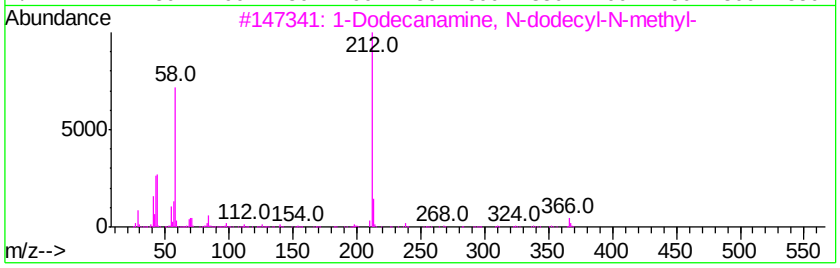
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	88.15 ng	54530600	Chrysene-d12	21.37

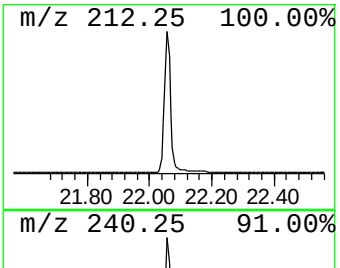
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxyphenazine 5-oxide	240	C14H12N2O2	018274-46-9	45
2	Adamantan-2-one, 4,4-ethylenedit...	240	C12H16OS2	1000210-52-6	45
3	1-Dodecanamine, N-dodecyl-N-methyl-	367	C25H53N	002915-90-4	43
4	Quinoxaline, 6-chloro-2-phenyl-	240	C14H9ClN2	025187-19-3	38
5	Didodecyldimethylammonium bromide	461	C26H56BrN	003282-73-3	37

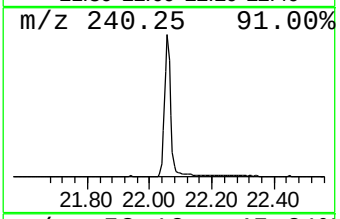


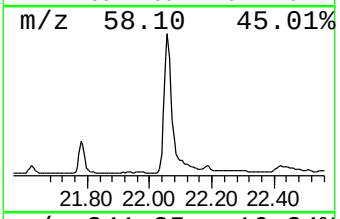


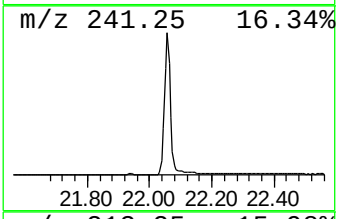


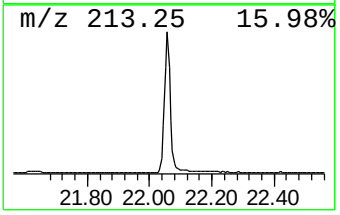












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Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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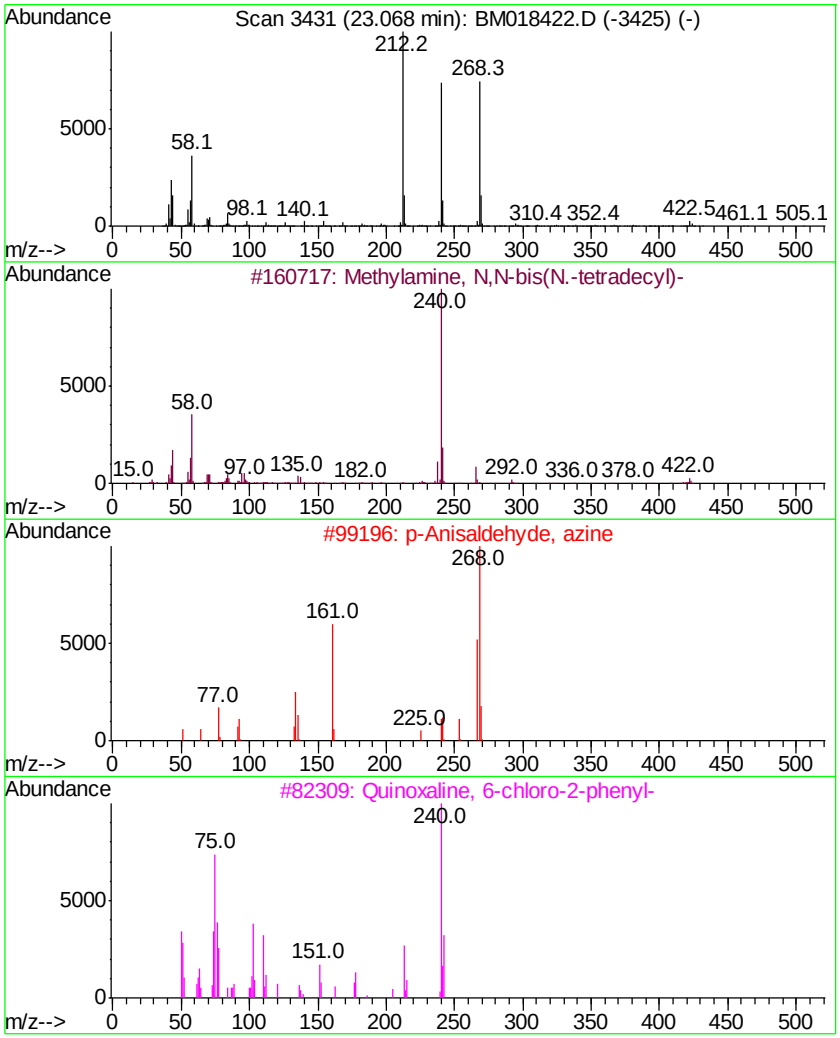
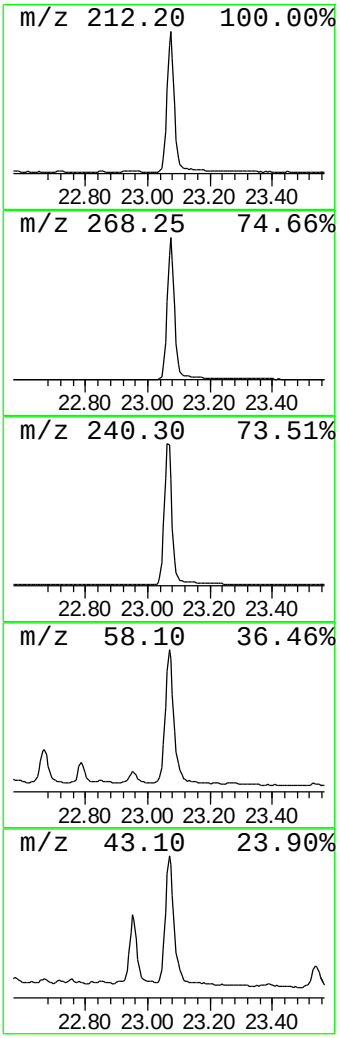
Peak Number 19 unknown23.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	80.97 ng	30691000	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylamine, N,N-bis(N.-tetradec...	423	C29H61N	041961-81-3	30
2	p-Anisaldehyde, azine	268	C16H16N2O2	002299-73-2	22
3	Quinoxaline, 6-chloro-2-phenyl-	240	C14H9ClN2	025187-19-3	18
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	14
5	3-(2-Methoxyphenyl)-2-methyl-3-p...	266	C17H18N2O	1000287-62-1	14





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Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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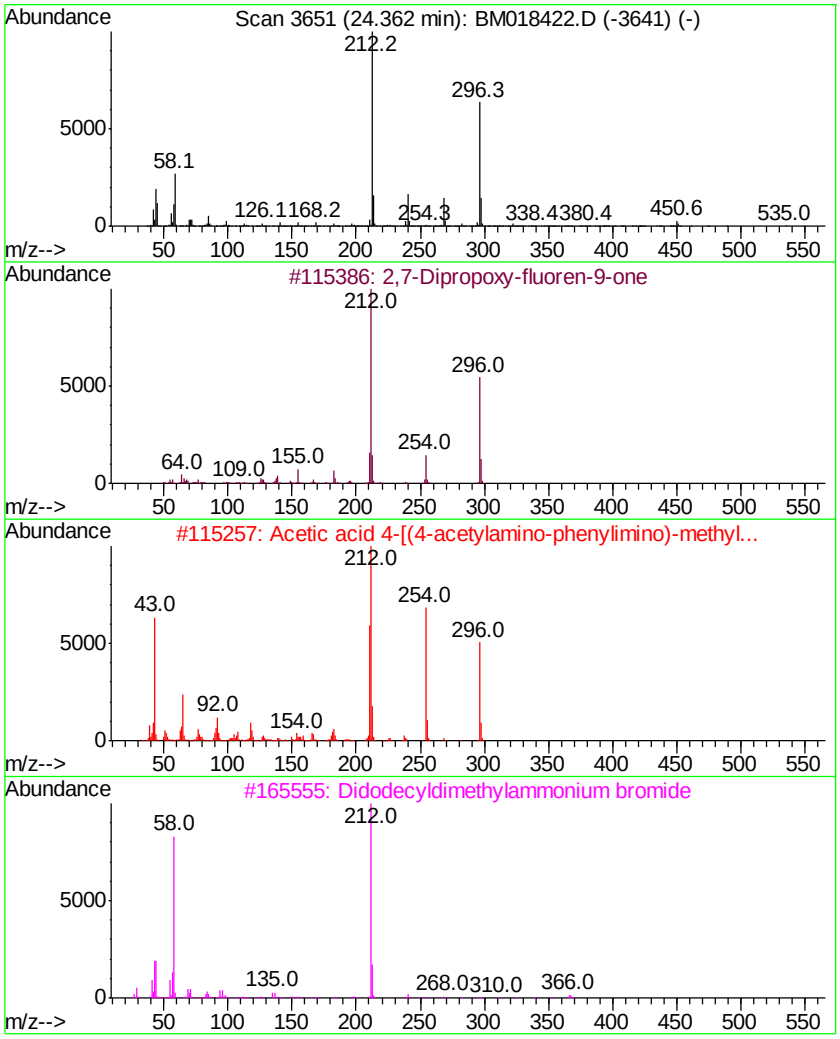
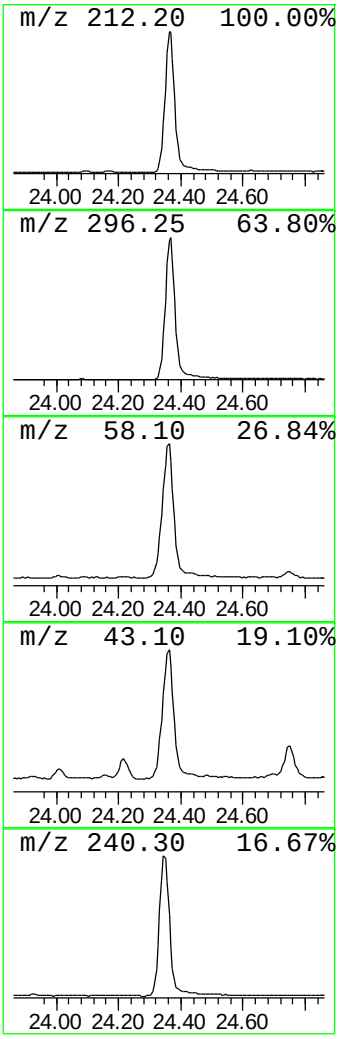
Peak Number 20 2,7-Dipropoxy-fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	79.48 ng	30124800	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dipropoxy-fluoren-9-one	296	C19H20O3	303735-73-1	64
2	Acetic acid 4-[(4-acetylamino-ph...	296	C17H16N2O3	301326-17-0	59
3	Didodecyldimethylammonium bromide	461	C26H56BrN	003282-73-3	47
4	5,9:7,11-Dimethano-5H-benzocyclo...	212	C16H20	112778-26-4	43
5	1-Octadecanamine, N-(2-methoxypr...	355	C23H49NO	1000196-18-5	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018422.D
Acq On : 28 Dec 2018 07:15
Operator : JU/SJ
Sample : J6572-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381205050-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
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
Ethanol, 2-butoxy-	5.96	1071.8	ng	234950000	1	7.79	4384140	20.0
2-Propanol, 1-but...	6.46	220.8	ng	48396700	1	7.79	4384140	20.0
Pentadecane	14.33	70.0	ng	38533400	3	14.43	11001100	20.0
Tridecane, 7-propyl-	14.94	27.9	ng	15372000	3	14.43	11001100	20.0
Pentadecane, 2,6,...	15.69	47.5	ng	26108300	3	14.43	11001100	20.0
Nonadecane	16.15	148.9	ng	93471900	4	17.18	12554000	20.0
1-Undecanamine, N...	16.19	45.0	ng	28213400	4	17.18	12554000	20.0
Hexadecane, 2,6,1...	16.99	35.5	ng	22287900	4	17.18	12554000	20.0
unknown17.27	17.27	70.2	ng	44030300	4	17.18	12554000	20.0
Eicosane	18.36	27.3	ng	17126700	4	17.18	12554000	20.0
unknown20.26	20.26	84.6	ng	52310700	5	21.37	12372100	20.0
unknown20.29	20.29	63.0	ng	39004900	5	21.37	12372100	20.0
unknown20.63	20.63	31.0	ng	19152800	5	21.37	12372100	20.0
unknown20.84	20.84	41.0	ng	25345900	5	21.37	12372100	20.0
1-Dodecanamine, N...	21.18	91.2	ng	56430700	5	21.37	12372100	20.0
unknown22.06	22.06	88.2	ng	54530600	5	21.37	12372100	20.0
unknown23.07	23.07	81.0	ng	30691000	6	23.66	7580500	20.0
2,7-Dipropoxy-flu...	24.36	79.5	ng	30124800	6	23.66	7580500	20.0