LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018355.D
Acq On : 21 Dec 2018 11:53
Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

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-BM121518.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	4.675	298	304	311	rBV	96709	142193	1.86%	0.175%
2	5.128	374	381	395	rBV	2349245	3443409	45.05%	4.236%
3	6.698	639	648	663	rBV	2327957	3970909	51.95%	4.885%
4	6.840	667	672	679	rVV	60294	107275	1.40%	0.132%
5	7.028	695	704	712	rBV	2508933	3870318	50.63%	4.762%
6	7.481	775	781	789	rVB	487557	749137	9.80%	0.922%
7	7.792	828	834	842	rBV	1732649	2759944	36.11%	3.396%
8	8.287	911	918	930	rBV4	34313	86559	1.13%	0.106%
9	8.645	971	979	995	rBV	1364734	2281598	29.85%	2.807%
10	10.251	1243	1252	1257	rBV	576681	1002794	13.12%	1.234%
11	12.151	1570	1575	1583	rVB	46465	89178	1.17%	0.110%
12	12.751	1670	1677	1690	rBV	3309895	4737126	61.97%	5.828%
13	13.616	1816	1824	1832	rBV	140006	290945	3.81%	0.358%
14	13.863	1862	1866	1872	rVB	83404	122374	1.60%	0.151%
15	14.145	1908	1914	1921	rBV2	856484	1333810	17.45%	1.641%
16	15.204	2091	2094	2108	rVB	38004	81598	1.07%	0.100%
17	15.657	2165	2171	2180	rBV	2933544	4265538	55.80%	5.248%
18	16.304	2277	2281	2284	rBV	151113	197280	2.58%	0.243%
19	16.910	2378	2384	2388	rBV	1149494	1602040	20.96%	1.971%
20	16.951	2388	2391	2399	rVB	282025	415195	5.43%	0.511%
21	17.092	2411	2415	2423	rBV2	119441	193097	2.53%	0.238%
22	17.509	2481	2486	2491	rBV8	37314	79441	1.04%	0.098%
23	17.827	2536	2540	2548	rBV2	796553	1130521	14.79%	1.391%
24	17.986	2562	2567	2572	rBV5	157949	321662	4.21%	0.396%
25	18.762	2695	2699	2705	rBV8	40484	88537	1.16%	0.109%
26	18.839	2705	2712	2723	rVB3	407087	733945	9.60%	0.903%
27	18.986	2732	2737	2742	rBV	222762	435118	5.69%	0.535%
28	19.133	2757	2762	2770	rBV3	785769	1243640	16.27%	1.530%
29	19.351	2795	2799	2803	rBV	267671	386219	5.05%	0.475%
30	19.392	2803	2806	2812	rVB	504763	653940	8.56%	0.805%
31	19.474	2818	2820	2825	rVB5	95375	104904	1.37%	0.129%
32	19.568	2831	2836	2845	rVB	6044192	7643756	100.00%	9.404%
33	19.703	2855	2859	2863	rBV	601980	716790	9.38%	0.882%
34	19.751	2864	2867	2875	rVB3	250767	428394	5.60%	0.527%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

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-BM121518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.851	2879	2884	2888	rBV2	2012503	2531730	33.12%	3.115%
36	20.051	2915	2918	2926	rVB3	268739	375829	4.92%	0.462%
37	20.133	2927	2932	2936	rBV	2311347	2685332	35.13%	3.304%
38	20.186	2937	2941	2944	rBV	453548	547242	7.16%	0.673%
39	20.286	2954	2958	2965	rBV3	863077	1178404	15.42%	1.450%
40	20.386	2971	2975	2978	rBV5	228124	276181	3.61%	0.340%
41	20.450	2979	2986	2991	rVV	1323786	2263518	29.61%	2.785%
42	20.498	2992	2994	2998	rVB4	185486	193092	2.53%	0.238%
43	20.598	3007	3011	3015	rVB	1159110	1319616	17.26%	1.624%
44	20.662	3018	3022	3026	rBV	517072	681185	8.91%	0.838%
45	20.856	3051	3055	3062	rBV2	2312565	3413889	44.66%	4.200%
46	20.927	3063	3067	3073	rVV3	631898	839231	10.98%	1.033%
47	20.980	3074	3076	3079	rVB2	224777	219128	2.87%	0.270%
48	21.139	3098	3103	3104	rBV	1601643	1918563	25.10%	2.360%
49	21.162	3104	3107	3113	rVB2	2358593	2979572	38.98%	3.666%
50	21.297	3127	3130	3134	rBV2	280284	370372	4.85%	0.456%
51	21.468	3155	3159	3164	rBV2	1032155	1293579	16.92%	1.592%
52	21.521	3165	3168	3175	rVV5	461104	571974	7.48%	0.704%
53	21.586	3177	3179	3183	rVB	430730	480735	6.29%	0.591%
54	21.739	3198	3205	3213	rBV2	1925647	3950955	51.69%	4.861%
55	22.133	3269	3272	3275	rBV3	377848	520634	6.81%	0.641%
56	22.168	3275	3278	3281	rVB2	424388	520229	6.81%	0.640%
57	22.386	3312	3315	3322	rVB4	452057	621346	8.13%	0.764%
58	22.650	3355	3360	3363	rBV	1115477	1605975	21.01%	1.976%
59	22.697	3364	3368	3374	rVB	1041599	1583630	20.72%	1.948%
60	23.303	3467	3471	3481	rVB	889393	1508871	19.74%	1.856%
61	23.786	3549	3553	3560	rVB	676137	1119674	14.65%	1.378%

Sum of corrected areas: 81279670

LSC Report - Integrated Chromatogram

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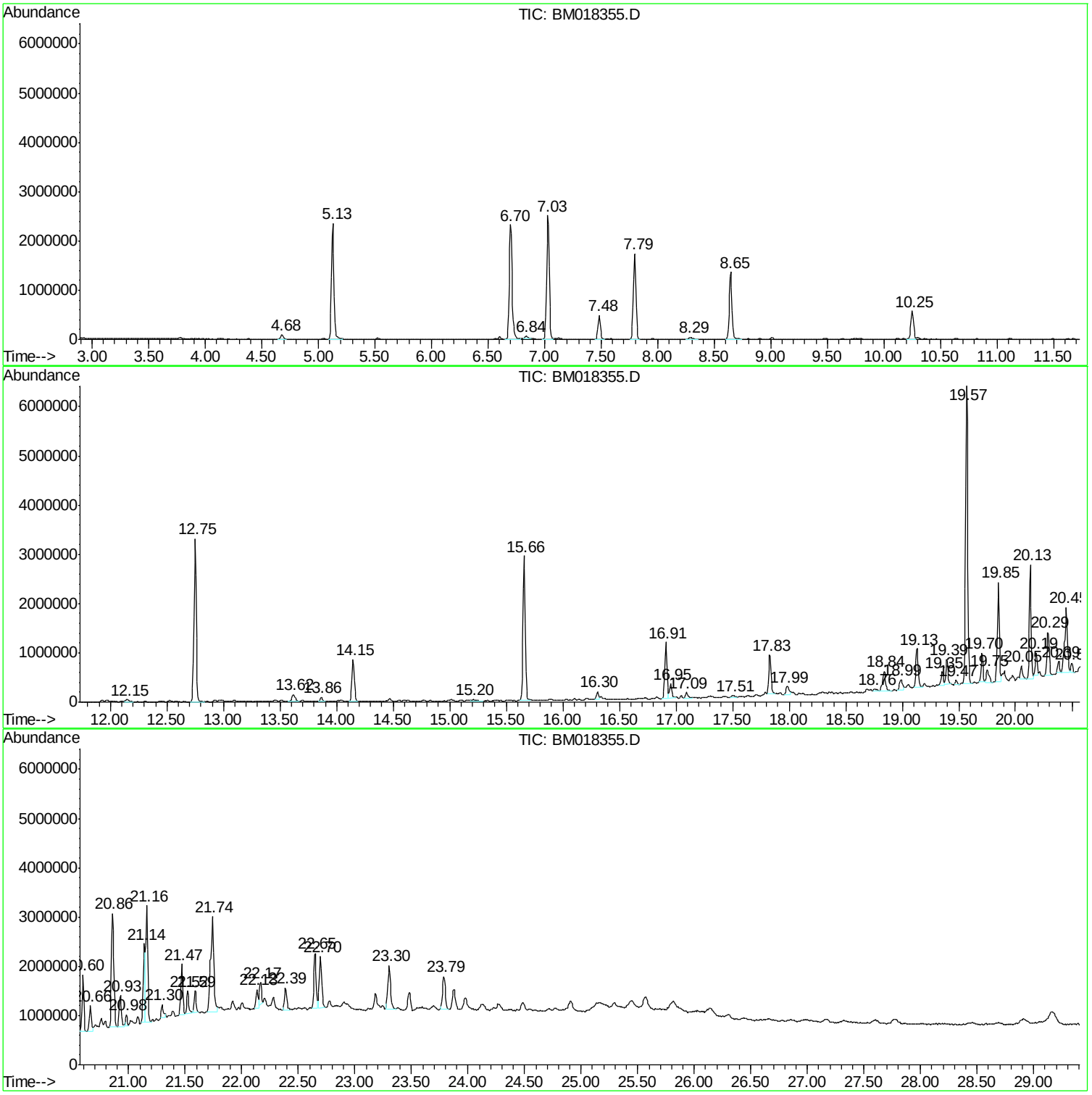
Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
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Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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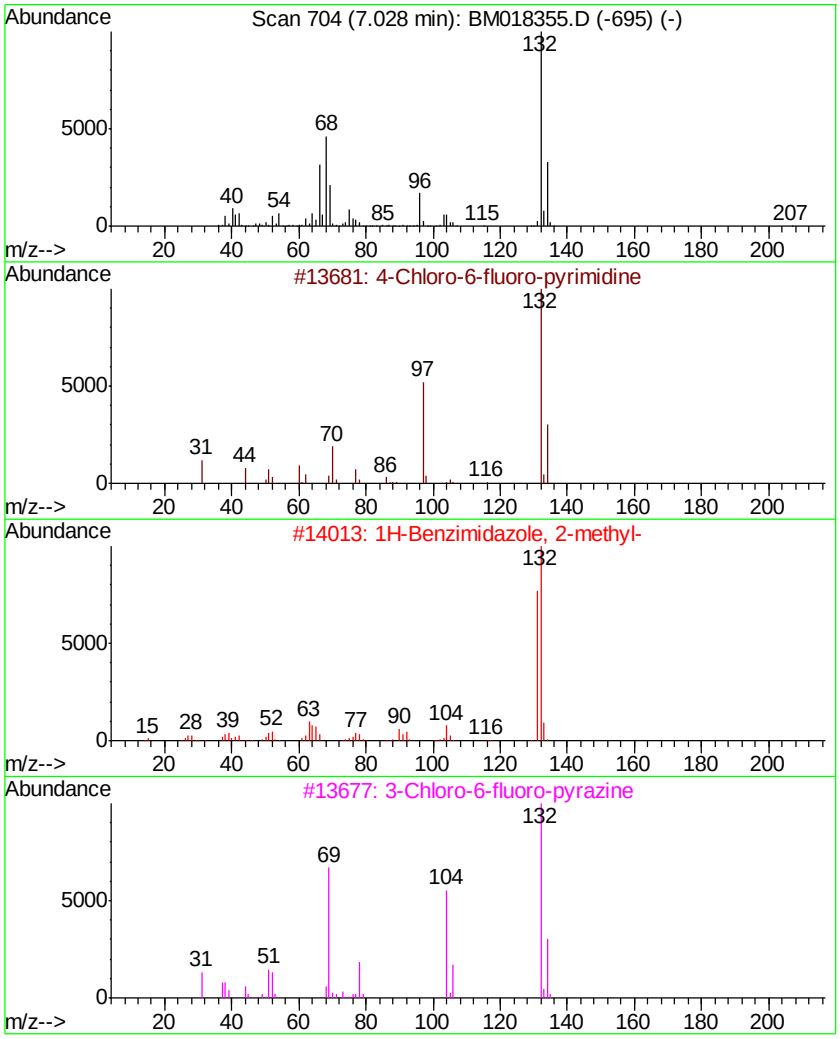
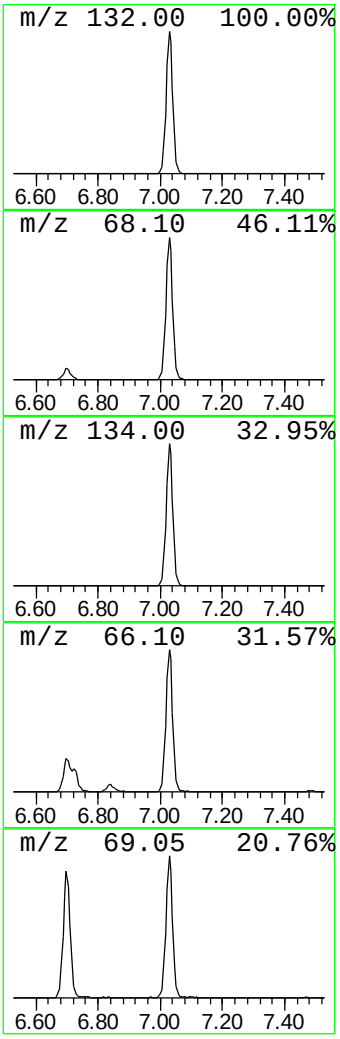
Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	103.33 ng	3870320	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018355.D
Acq On : 21 Dec 2018 11:53
Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

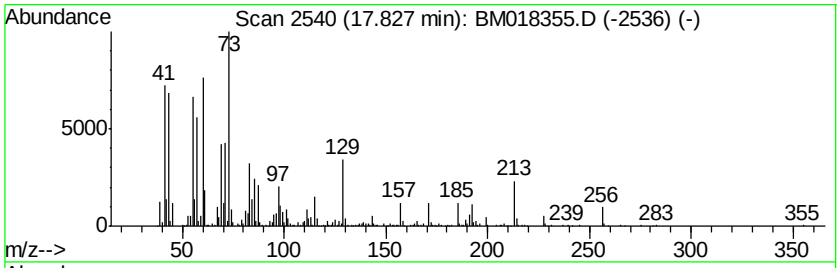
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

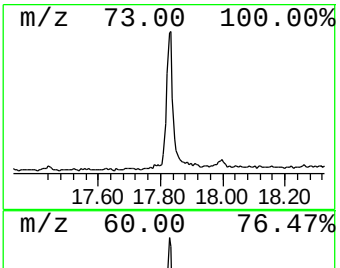
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	14.11 ng	1130520	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Library Search Compound Report

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Data File : BM018355.D
Acq On : 21 Dec 2018 11:53
Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

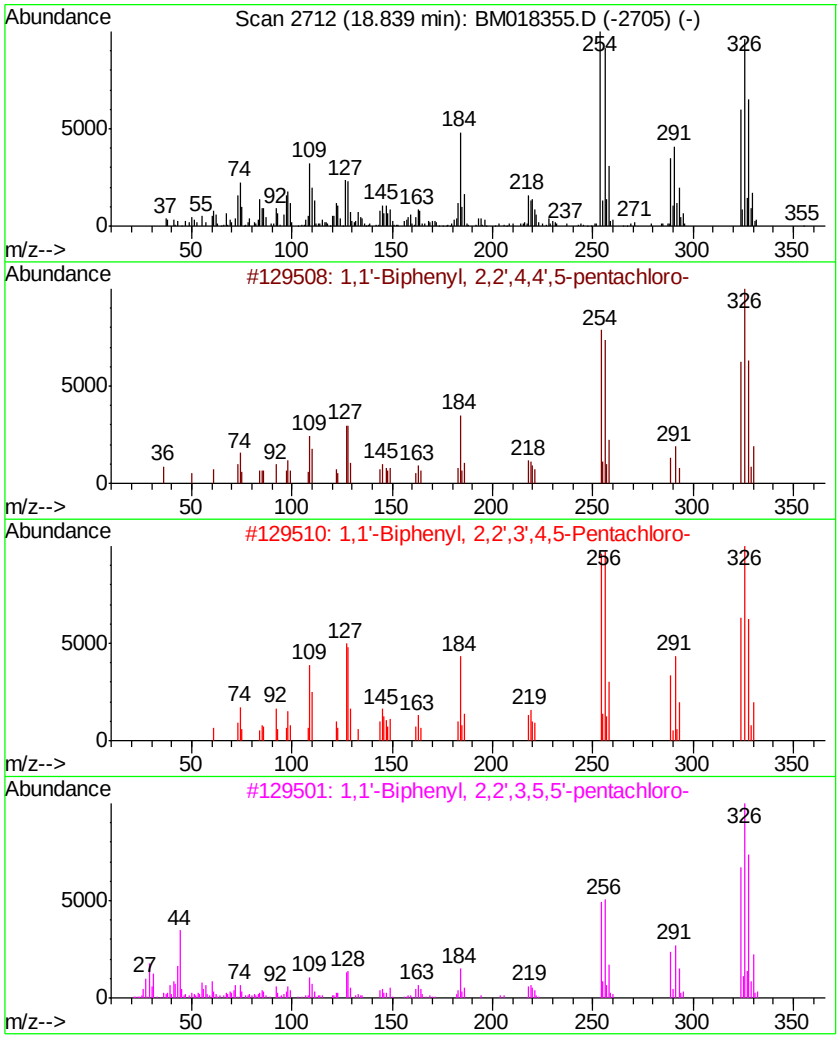
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

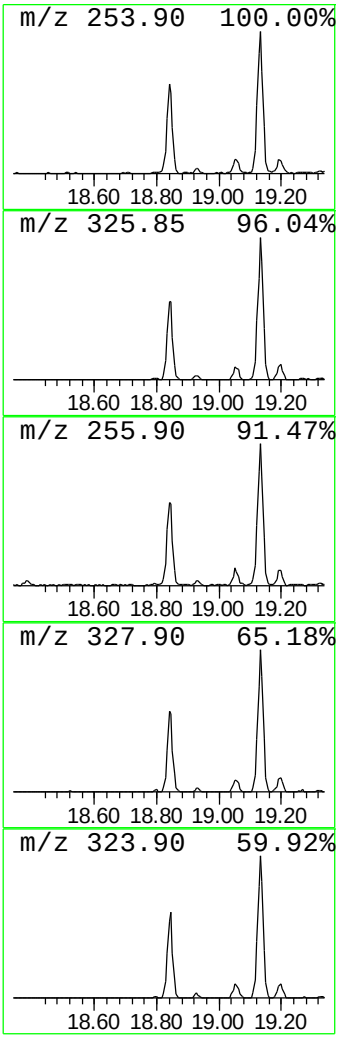
****

Peak Number 4 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	9.16 ng	733945	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018355.D
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Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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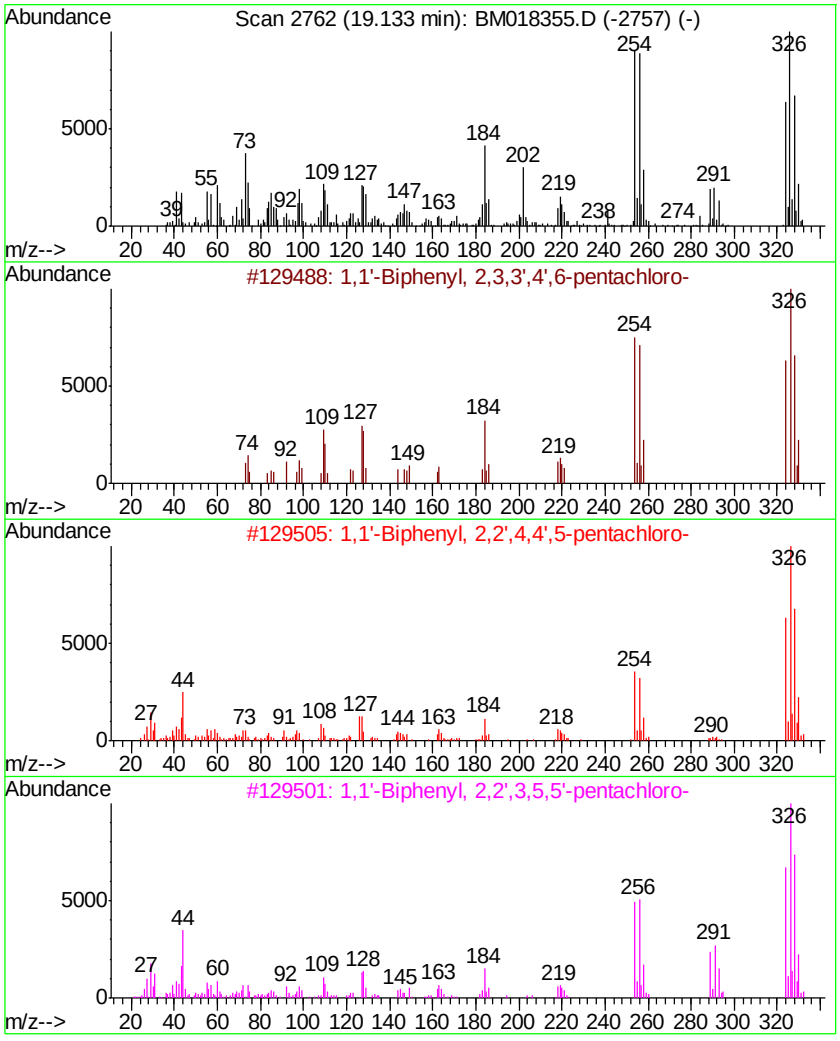
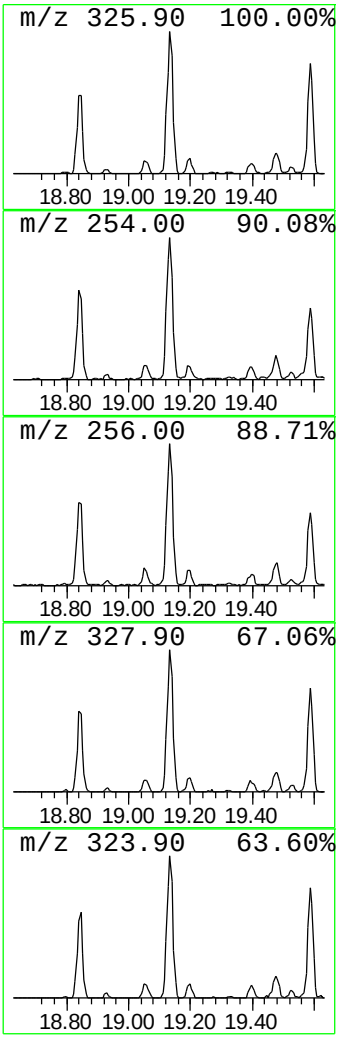
Peak Number 5 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	12.96 ng	1243640	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95





Library Search Compound Report

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ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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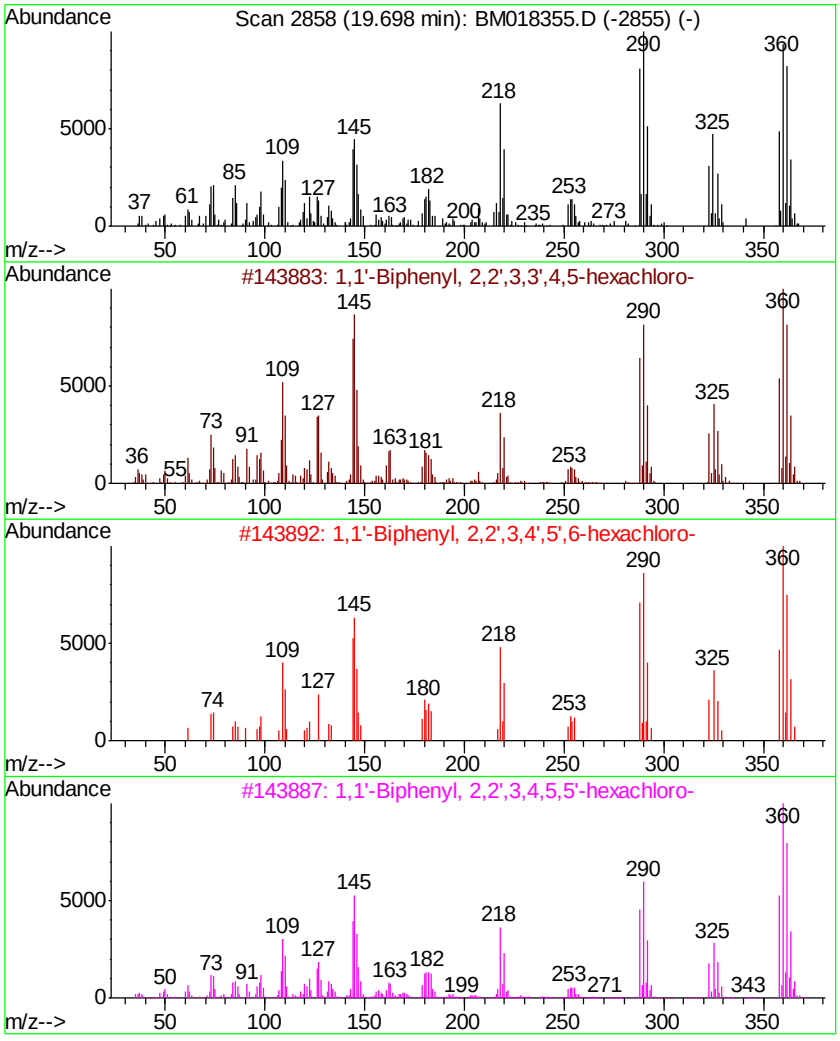
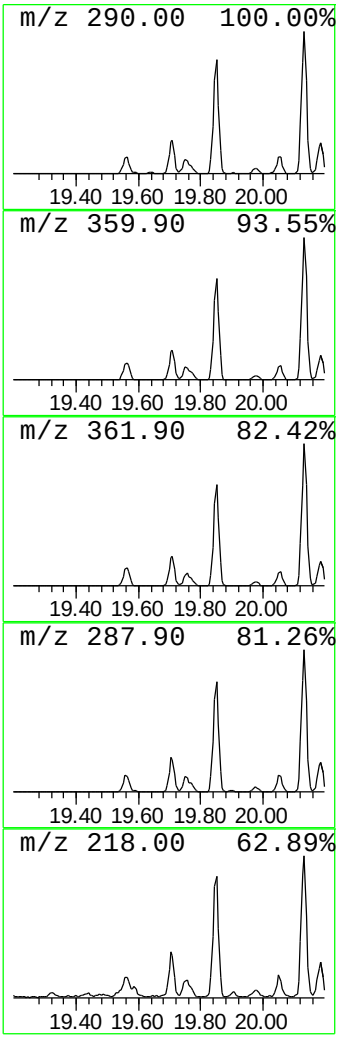
Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	7.47 ng	716790	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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

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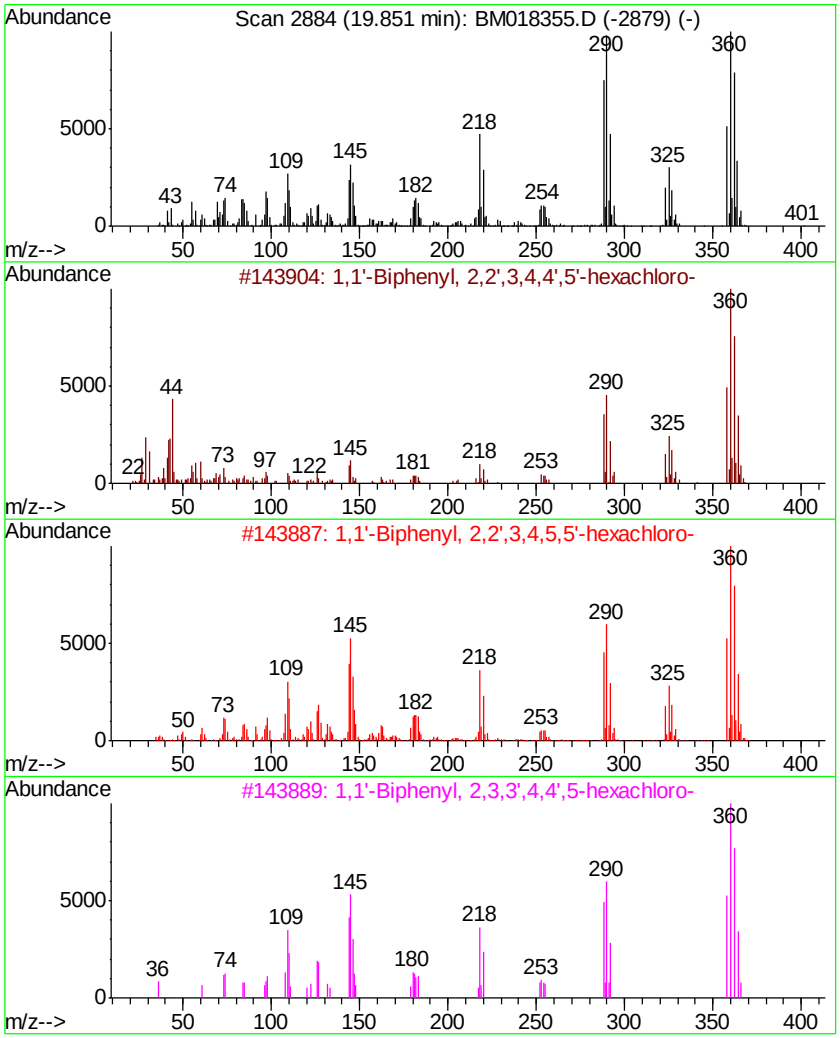
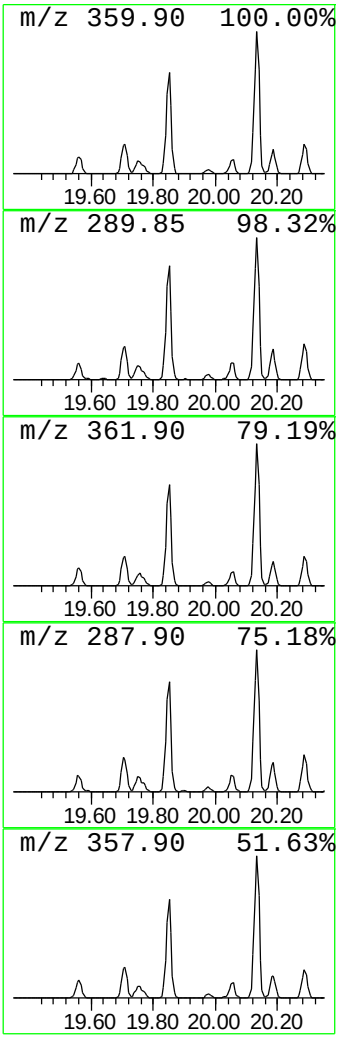
Peak Number 7 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	26.39 ng	2531730	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	98
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97





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Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

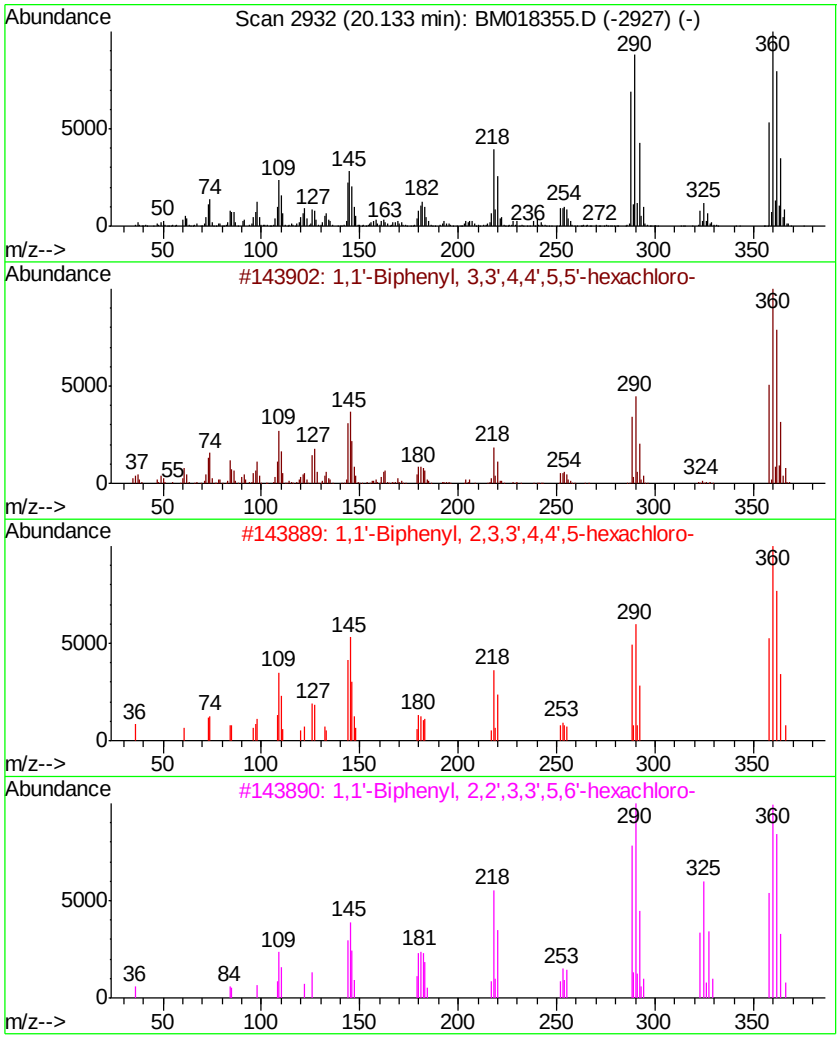
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

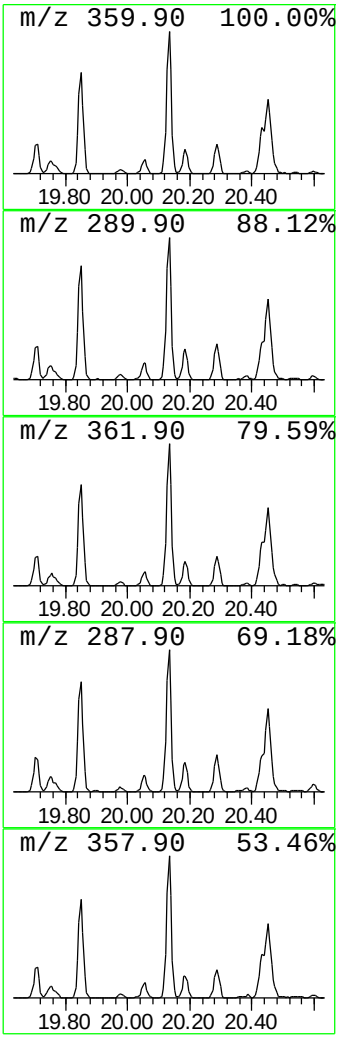
****

Peak Number 8 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	27.99 ng	2685330	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	96
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95





Library Search Compound Report

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Data File : BM018355.D
Acq On : 21 Dec 2018 11:53
Operator : JU/SJ
Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

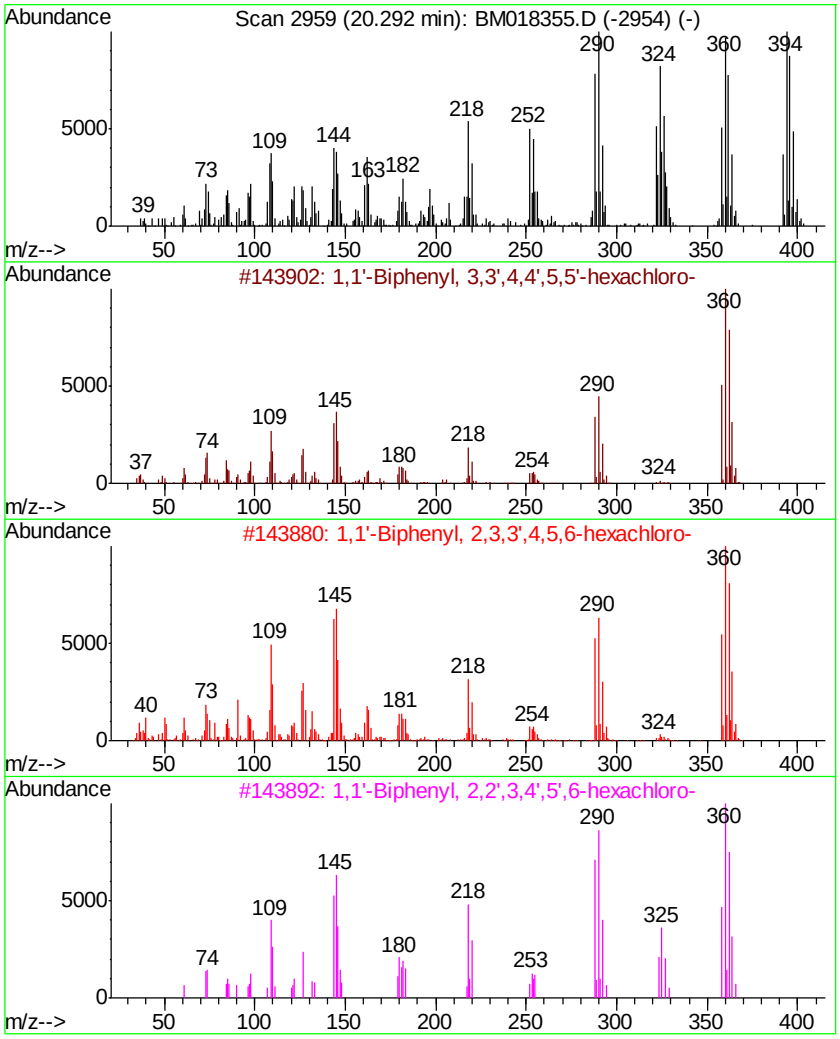
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

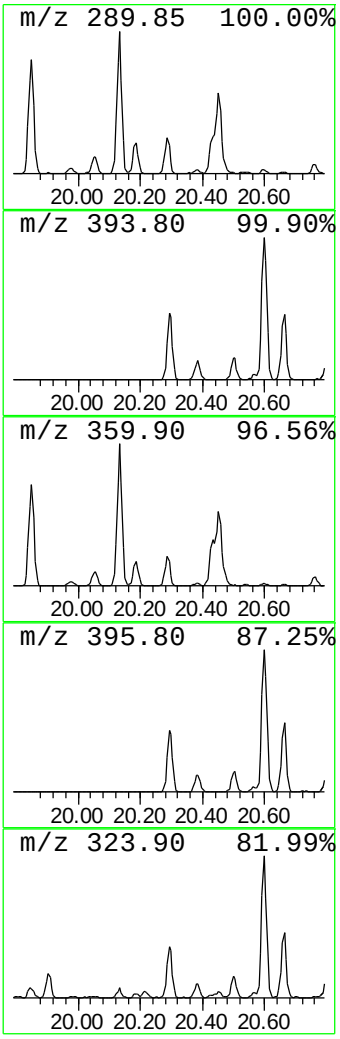
****

Peak Number 9 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	12.28 ng	1178400	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





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Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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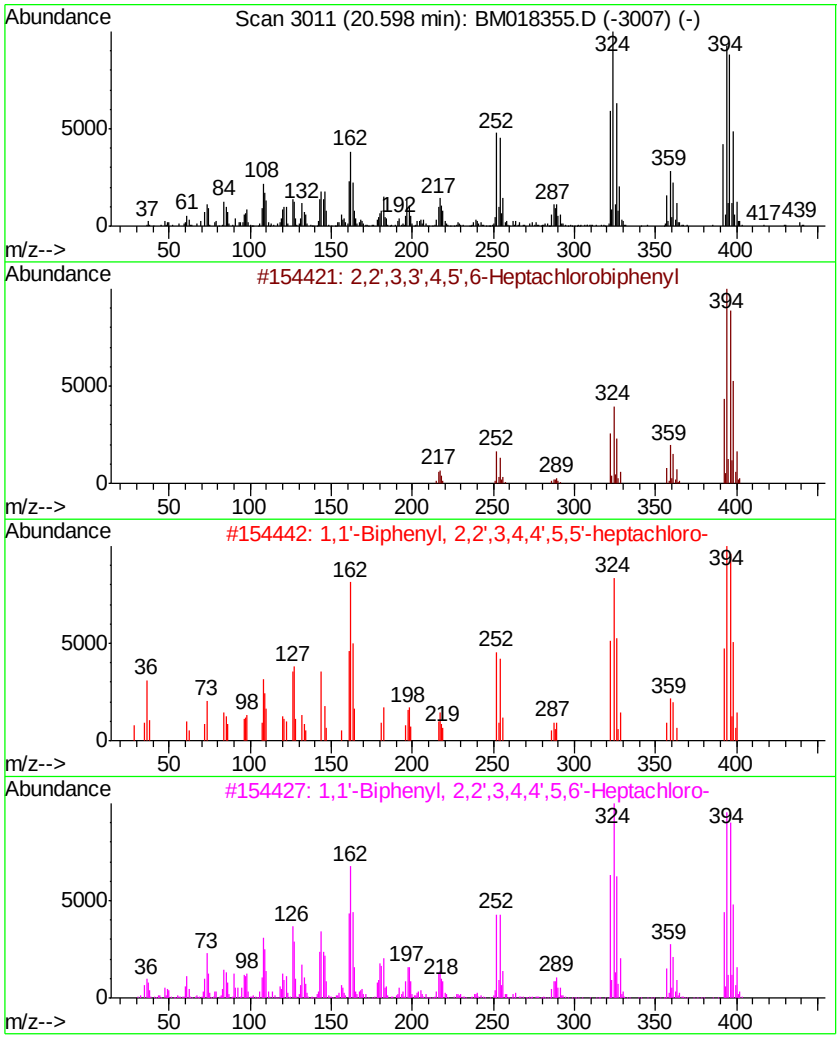
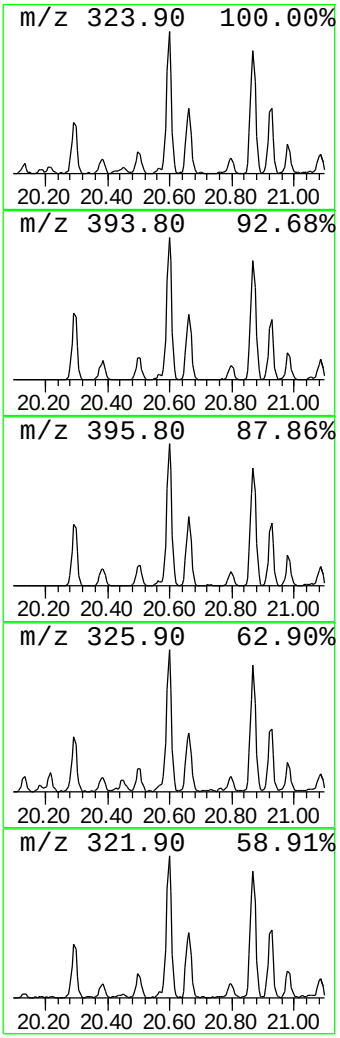
Peak Number 11 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	13.76 ng	1319620	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





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Acq On : 21 Dec 2018 11:53
Operator : JU/SJ
Sample : J6389-11
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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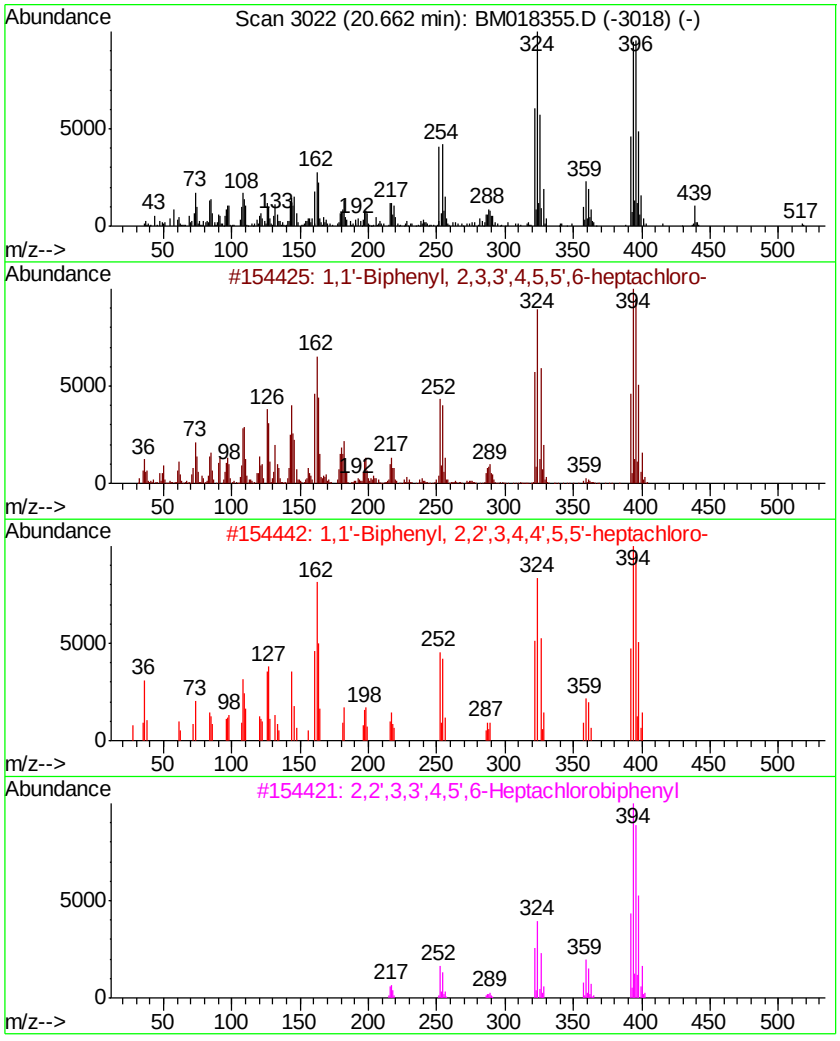
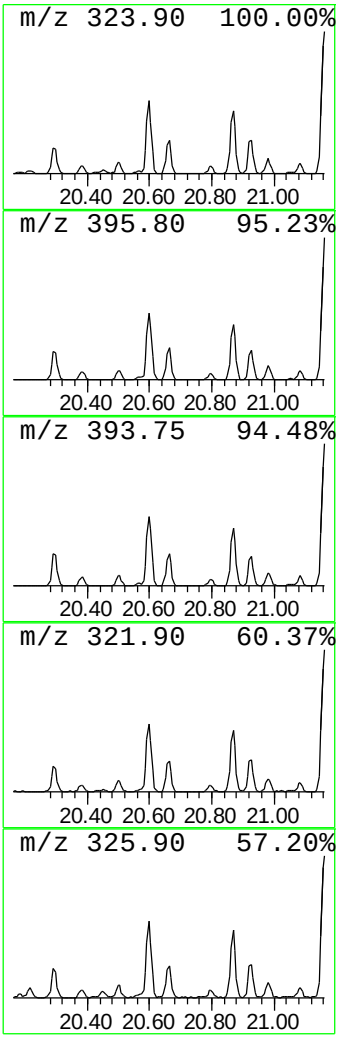
****

Peak Number 12 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	7.10 ng	681185	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	97
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	96
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	96
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	95





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Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

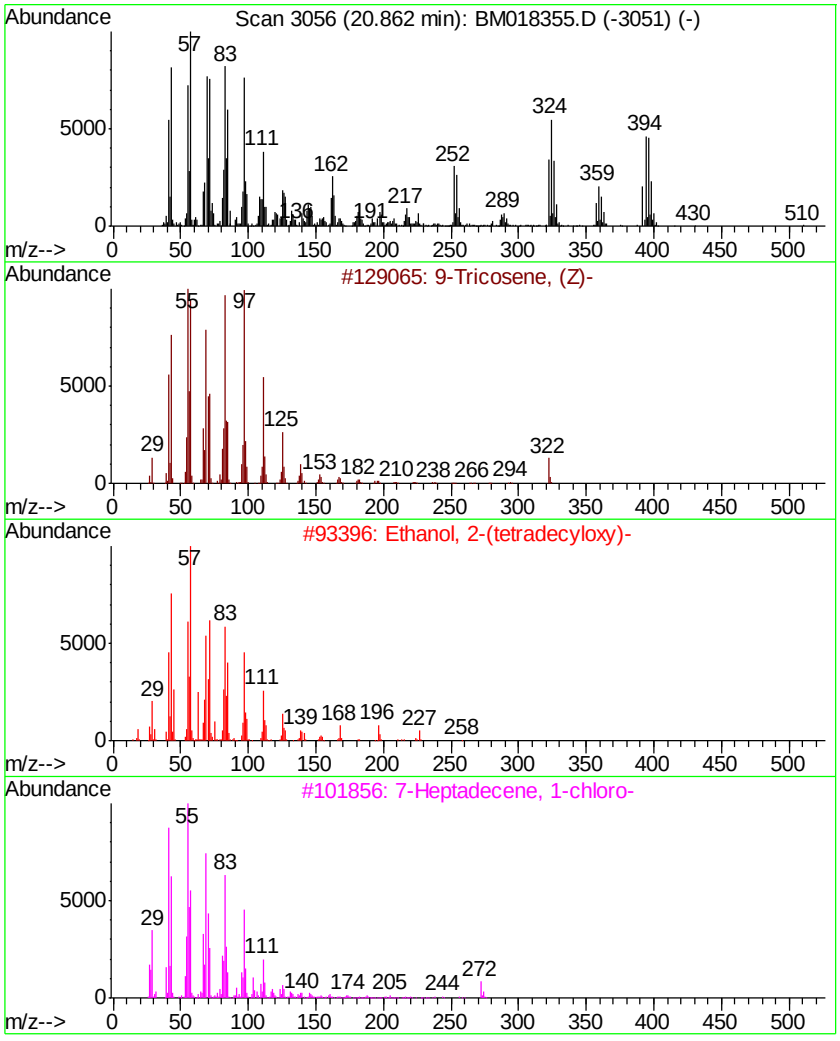
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

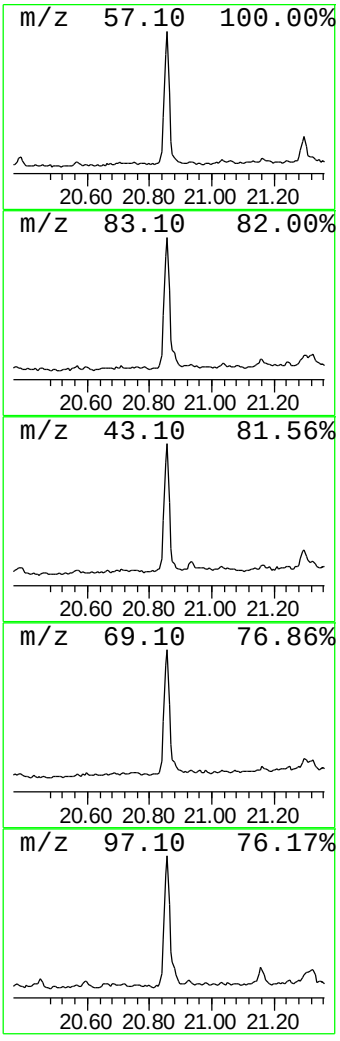
****

Peak Number 13 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	35.59 ng	3413890	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	86
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	81
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81





Library Search Compound Report

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Acq On : 21 Dec 2018 11:53
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Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

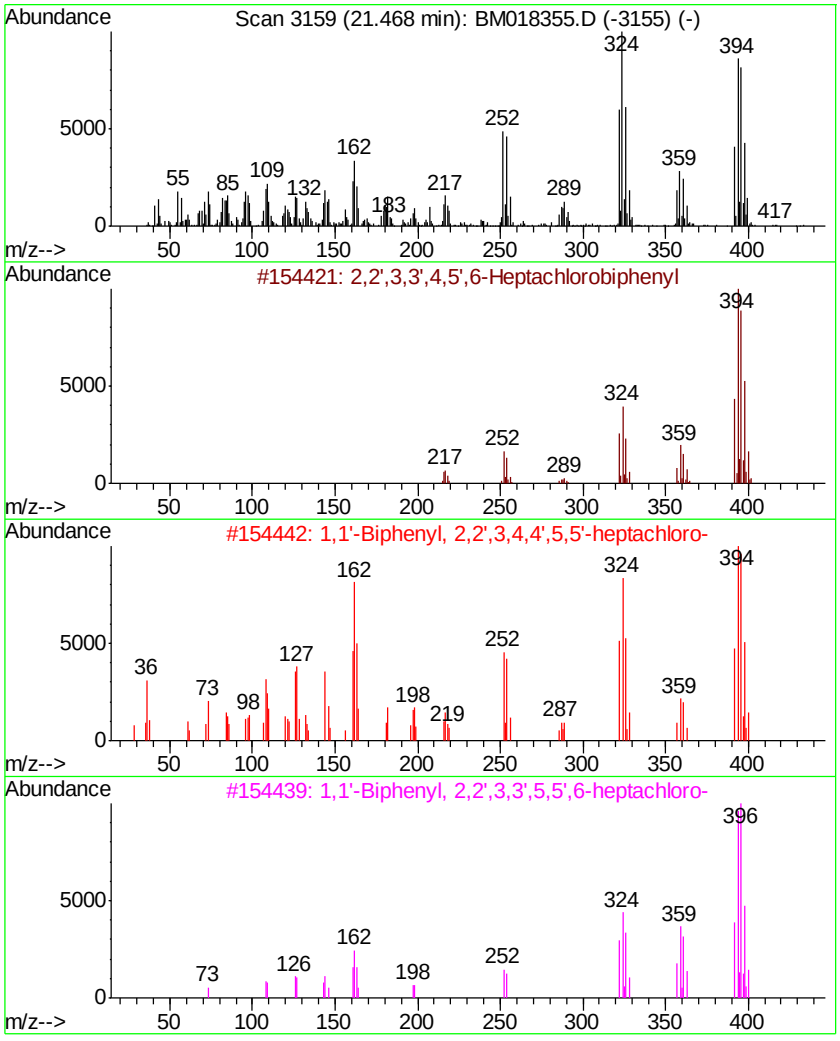
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

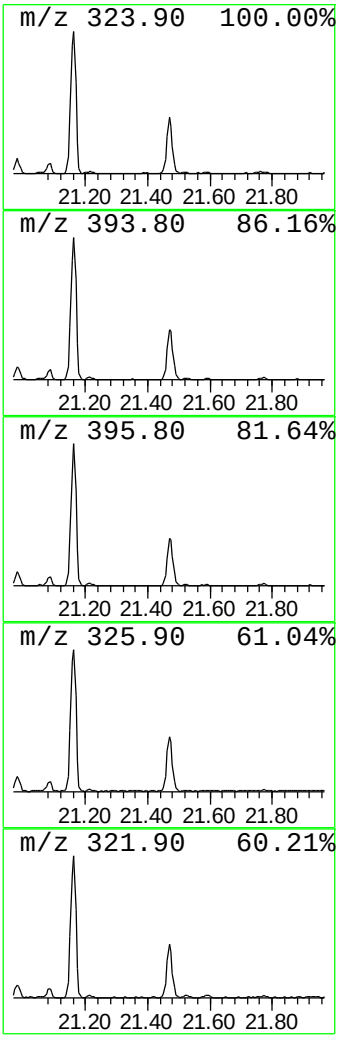
****

Peak Number 15 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	13.48 ng	1293580	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

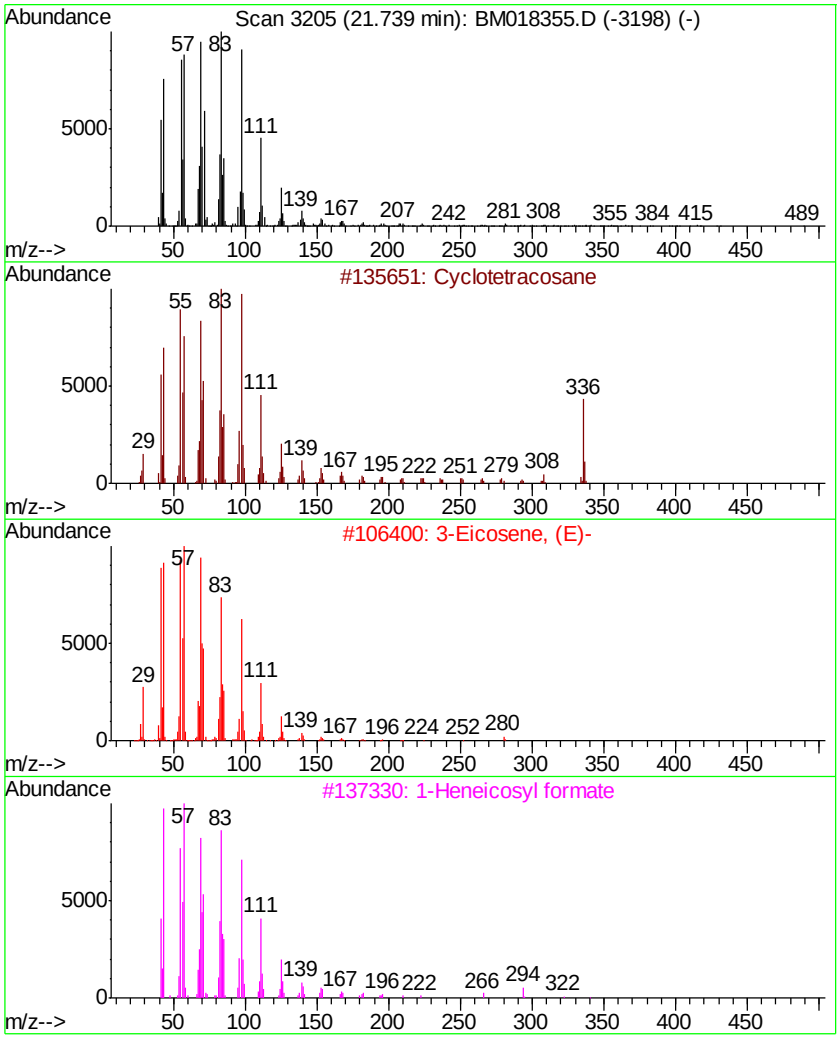
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

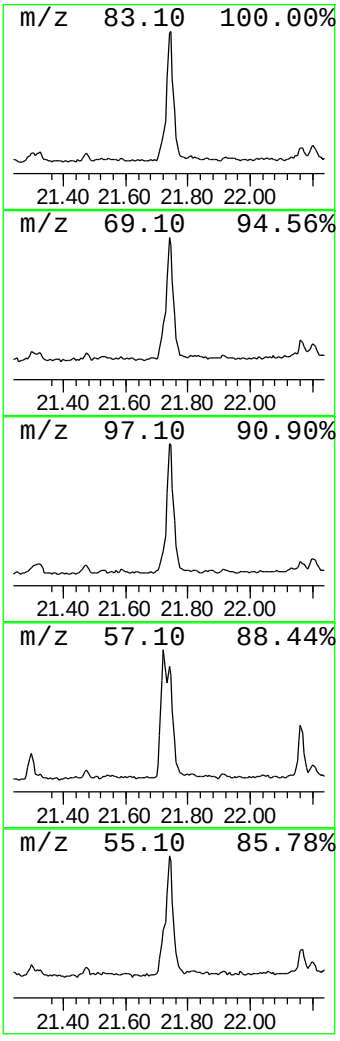
****

Peak Number 16 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	41.19 ng	3950960	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	1-Docosene	308	C22H44	001599-67-3	81
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	74





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Operator : JU/SJ
Sample : J6389-11
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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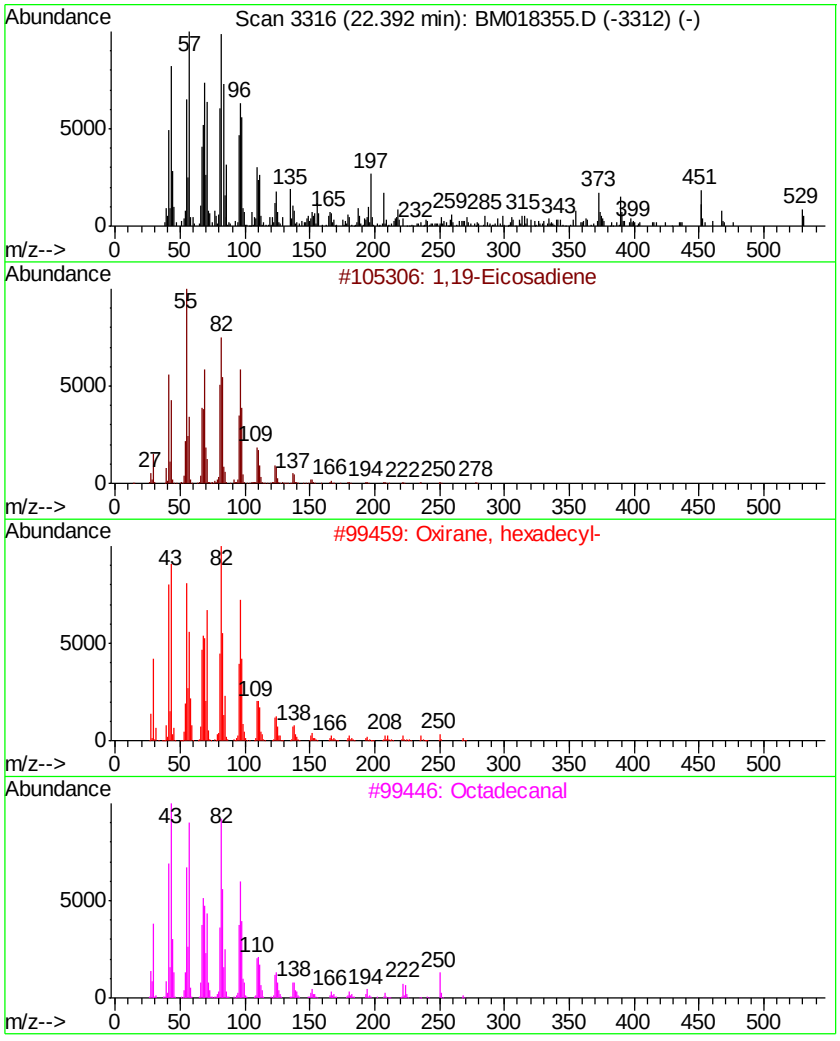
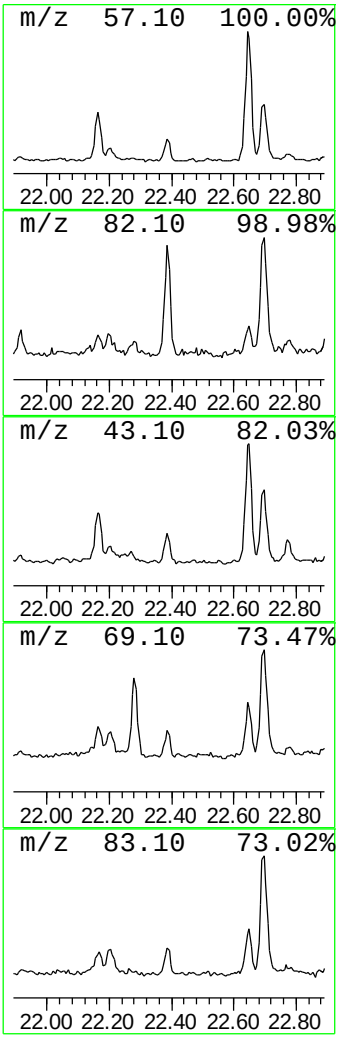
Peak Number 17 1,19-Eicosadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	8.24 ng	621346	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Octadecanal	268	C18H36O	000638-66-4	93
4	Tetracosanal	352	C24H48O	057866-08-7	90
5	Hexadecanal	240	C16H32O	000629-80-1	90





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Acq On : 21 Dec 2018 11:53
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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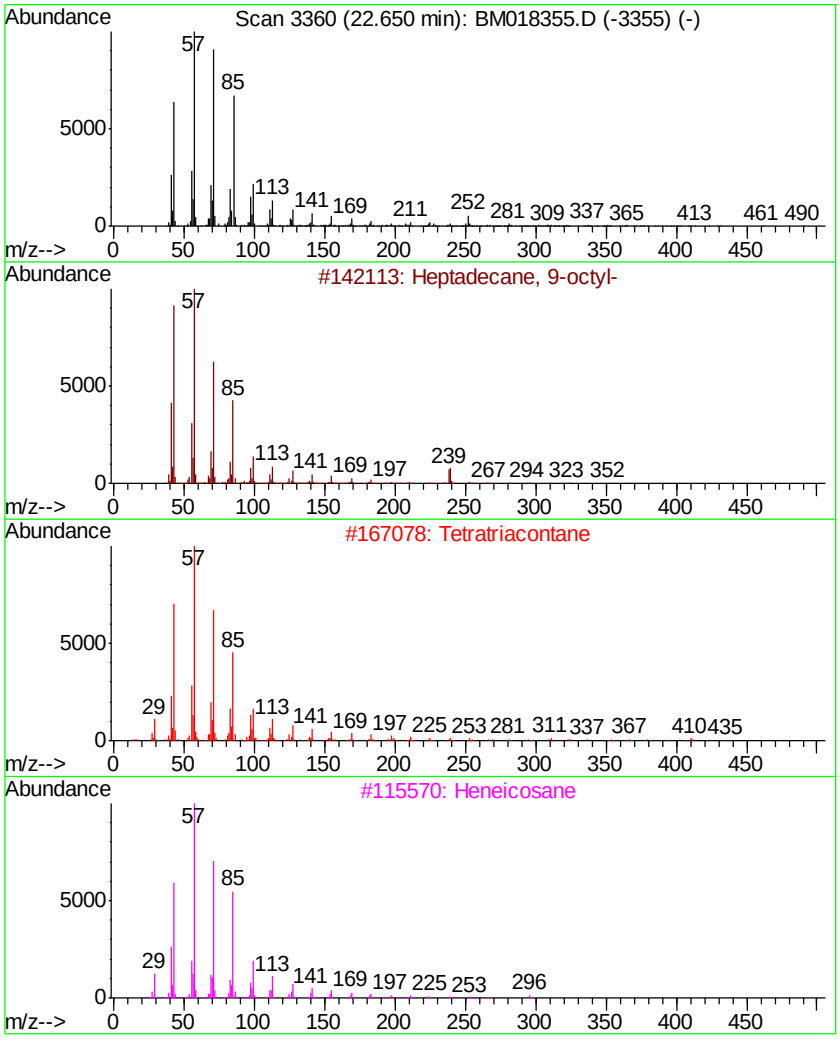
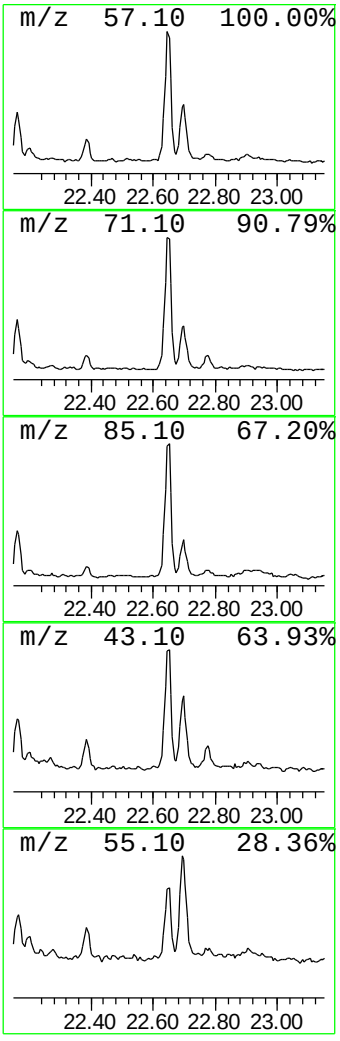
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	21.29 ng	1605980	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : J6389-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS014-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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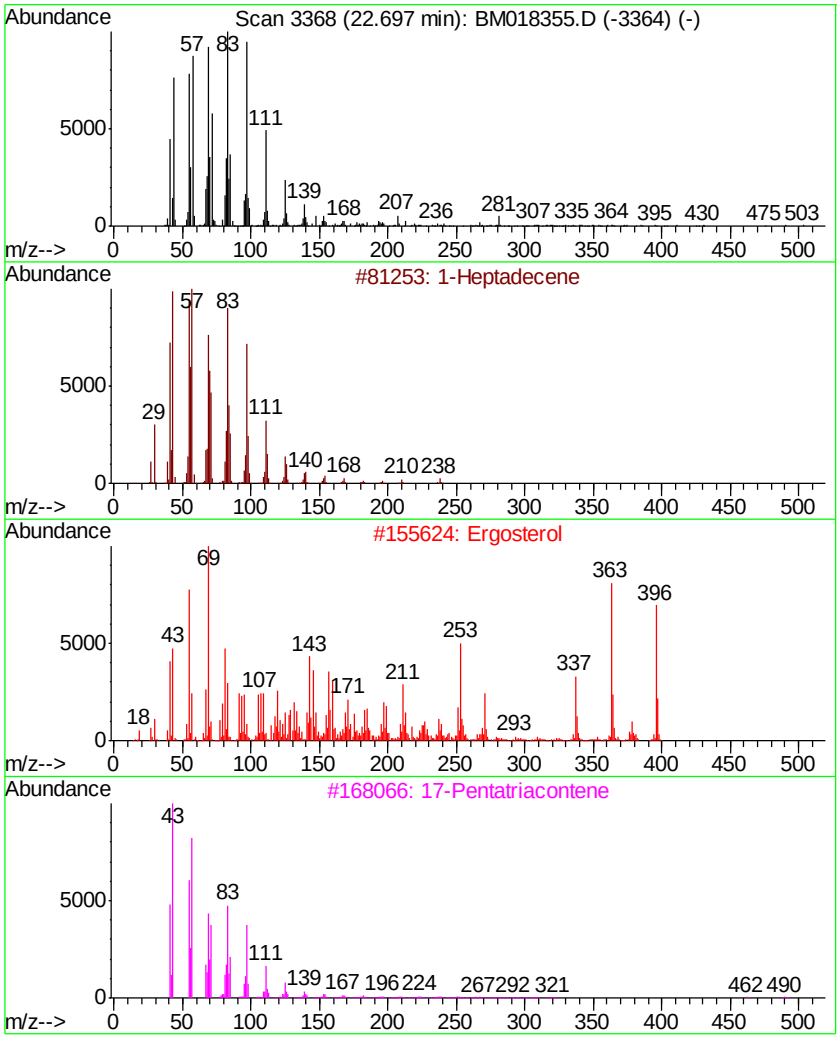
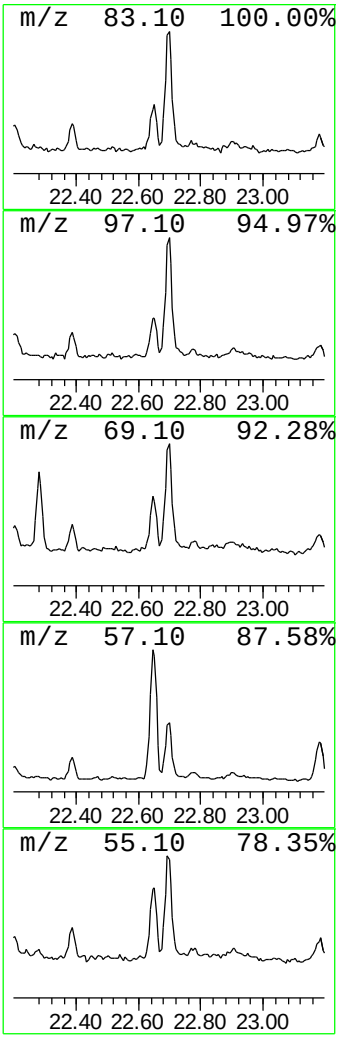
Peak Number 19 1-Heptadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	20.99 ng	1583630	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	93
2	Ergosterol	396	C28H44O	000057-87-4	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	1-Tetracosanol	354	C24H50O	000506-51-4	64
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64





Library Search Compound Report

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ClientSampleId : P001-SS014-1218-01

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

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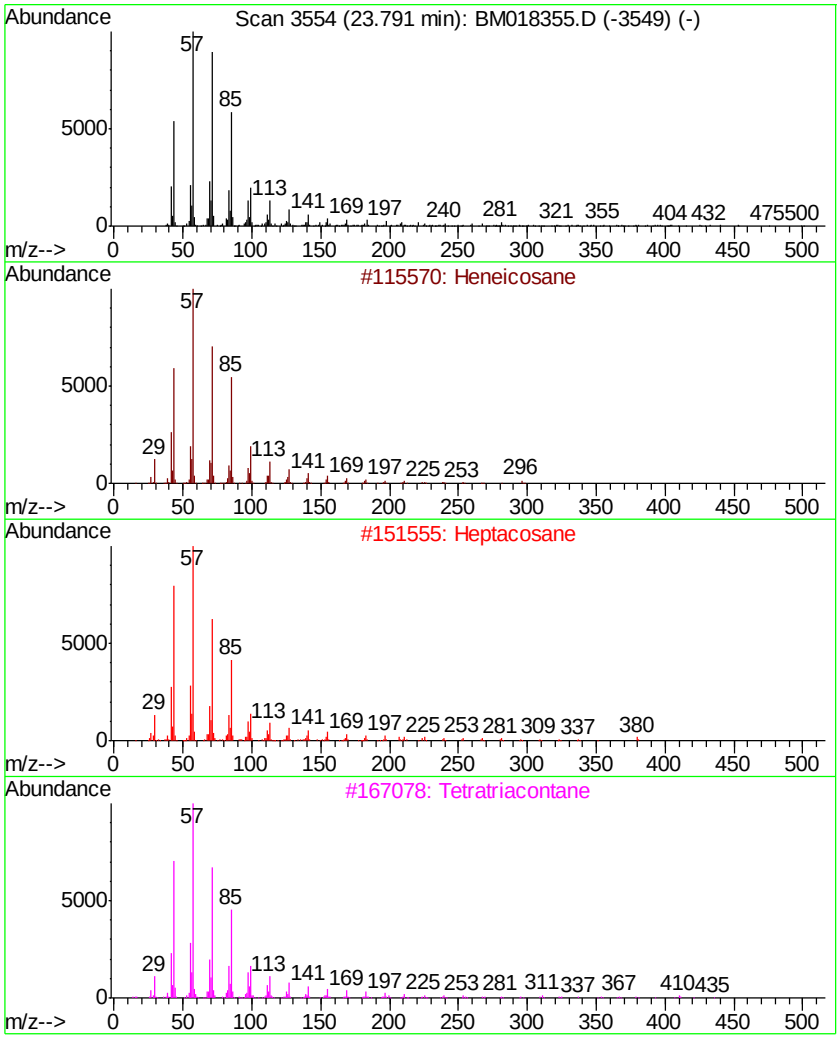
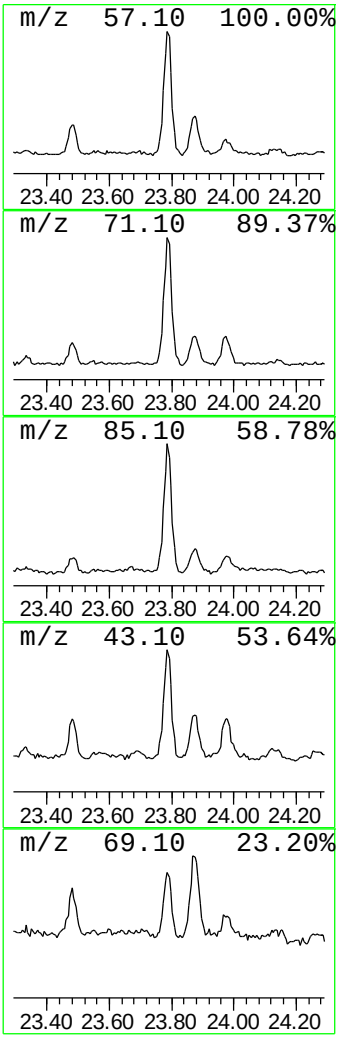
Peak Number 20 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	14.84 ng	1119670	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

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Data File : BM018355.D
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Operator : JU/SJ
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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
unknown7.03	7.03	103.3	ng	3870320	1	7.48	749137	20.0
n-Hexadecanoic acid	17.83	14.1	ng	1130520	4	16.91	1602040	20.0
1,1'-Biphenyl, 2,...	18.84	9.2	ng	733945	4	16.91	1602040	20.0
1,1'-Biphenyl, 2,...	19.13	13.0	ng	1243640	5	21.14	1918560	20.0
1,1'-Biphenyl, 2,...	19.70	7.5	ng	716790	5	21.14	1918560	20.0
1,1'-Biphenyl, 2,...	19.85	26.4	ng	2531730	5	21.14	1918560	20.0
1,1'-Biphenyl, 3,...	20.13	28.0	ng	2685330	5	21.14	1918560	20.0
1,1'-Biphenyl, 2,...	20.29	12.3	ng	1178400	5	21.14	1918560	20.0
2,2',3,3',4,5',6-...	20.60	13.8	ng	1319620	5	21.14	1918560	20.0
1,1'-Biphenyl, 2,...	20.66	7.1	ng	681185	5	21.14	1918560	20.0
9-Tricosene, (Z)-	20.86	35.6	ng	3413890	5	21.14	1918560	20.0
1,1'-Biphenyl, 2,...	21.47	13.5	ng	1293580	5	21.14	1918560	20.0
Cyclotetracosane	21.74	41.2	ng	3950960	5	21.14	1918560	20.0
1,19-Eicosadiene	22.39	8.2	ng	621346	6	23.30	1508870	20.0
Heptadecane, 9-oc...	22.65	21.3	ng	1605980	6	23.30	1508870	20.0
1-Heptadecene	22.70	21.0	ng	1583630	6	23.30	1508870	20.0
Heneicosane	23.79	14.8	ng	1119670	6	23.30	1508870	20.0