LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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	3.364	75	81	85	rBV	51997	84964	1.33%	0.135%
2	4.676	297	304	312	rVB	106786	154382	2.42%	0.246%
3	5.123	374	380	398	rVB	2683747	3936827	61.63%	6.263%
4	6.693	640	647	657	rBV	2458785	4116401	64.44%	6.549%
5	7.028	697	704	713	rBV	2794881	4250649	66.54%	6.762%
6	7.481	775	781	791	rBV	646978	1091354	17.08%	1.736%
7	7.587	791	799	804	rVB3	61850	126116	1.97%	0.201%
8	7.793	827	834	844	rVB	2093612	3334580	52.20%	5.305%
9	8.640	971	978	987	rBV	1500548	2462859	38.55%	3.918%
10	10.246	1239	1251	1258	rBV	764697	1425523	22.31%	2.268%
11	10.852	1350	1354	1360	rBV	43220	87305	1.37%	0.139%
12	11.075	1385	1392	1400	rBV6	61930	168121	2.63%	0.267%
13	11.963	1538	1543	1550	rVB	79794	141496	2.21%	0.225%
14	12.087	1559	1564	1571	rBV2	46664	105873	1.66%	0.168%
15	12.440	1615	1624	1633	rBV2	33691	96658	1.51%	0.154%
16	12.746	1670	1676	1684	rBV	3127632	4648958	72.77%	7.396%
17	12.922	1695	1706	1710	rBV4	128405	266159	4.17%	0.423%
18	13.363	1776	1781	1787	rBV8	39633	79879	1.25%	0.127%
19	13.616	1815	1824	1832	rBV2	362536	743864	11.64%	1.183%
20	13.804	1850	1856	1862	rBV4	141467	326455	5.11%	0.519%
21	13.857	1862	1865	1878	rVB2	85236	237635	3.72%	0.378%
22	14.016	1886	1892	1895	rBV2	155276	335267	5.25%	0.533%
23	14.145	1908	1914	1921	rVB2	831917	1317448	20.62%	2.096%
24	14.598	1988	1991	1999	rBV5	63621	109010	1.71%	0.173%
25	15.651	2165	2170	2177	rBV	2282144	3316810	51.92%	5.277%
26	16.339	2284	2287	2290	rVB2	149074	161856	2.53%	0.257%
27	16.675	2341	2344	2349	rBV	228486	295423	4.62%	0.470%
28	16.910	2379	2384	2388	rBV	1036907	1474093	23.07%	2.345%
29	17.098	2412	2416	2423	rBV4	338311	583909	9.14%	0.929%
30	17.839	2537	2542	2553	rBV	1734327	2711706	42.45%	4.314%
31	19.016	2739	2742	2745	rBV2	702488	921029	14.42%	1.465%
32	19.133	2758	2762	2769	rBV3	1240178	1805332	28.26%	2.872%
33	19.569	2831	2836	2842	rBV	4697420	6388326	100.00%	10.163%
34	19.704	2857	2859	2863	rVB	713589	729045	11.41%	1.160%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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	2880	2884	2888	rBV2	2057579	2746700	43.00%	4.370%
36	20.133	2928	2932	2936	rBV	2271223	2627055	41.12%	4.179%
37	20.598	3008	3011	3015	rVB	1258503	1431920	22.41%	2.278%
38	20.863	3052	3056	3063	rBV2	2593959	3843887	60.17%	6.115%
39	21.139	3100	3103	3104	rBV	1428182	1558386	24.39%	2.479%
40	21.163	3105	3107	3112	rVB	2539311	2616508	40.96%	4.162%

Sum of corrected areas: 62859768

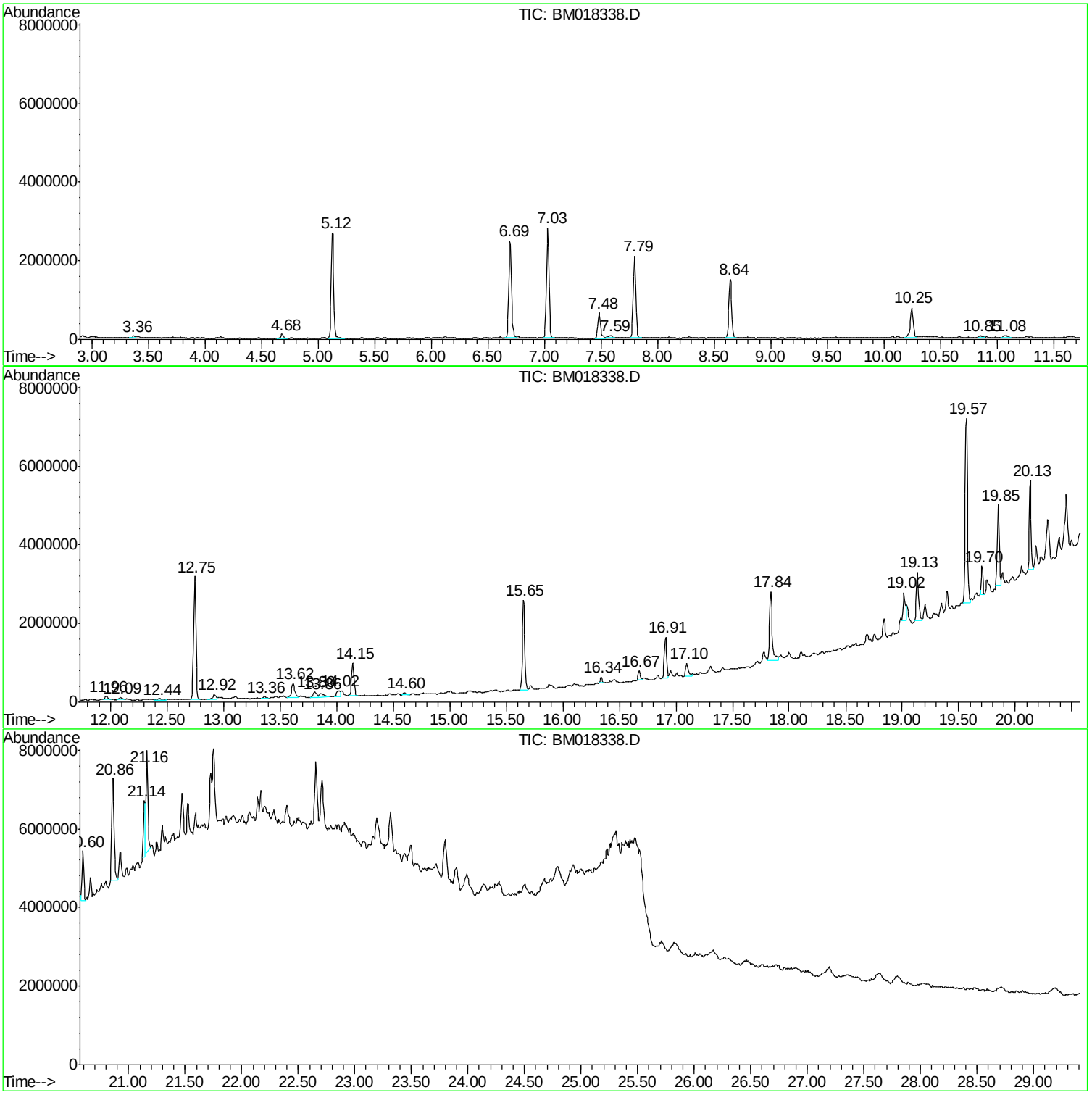
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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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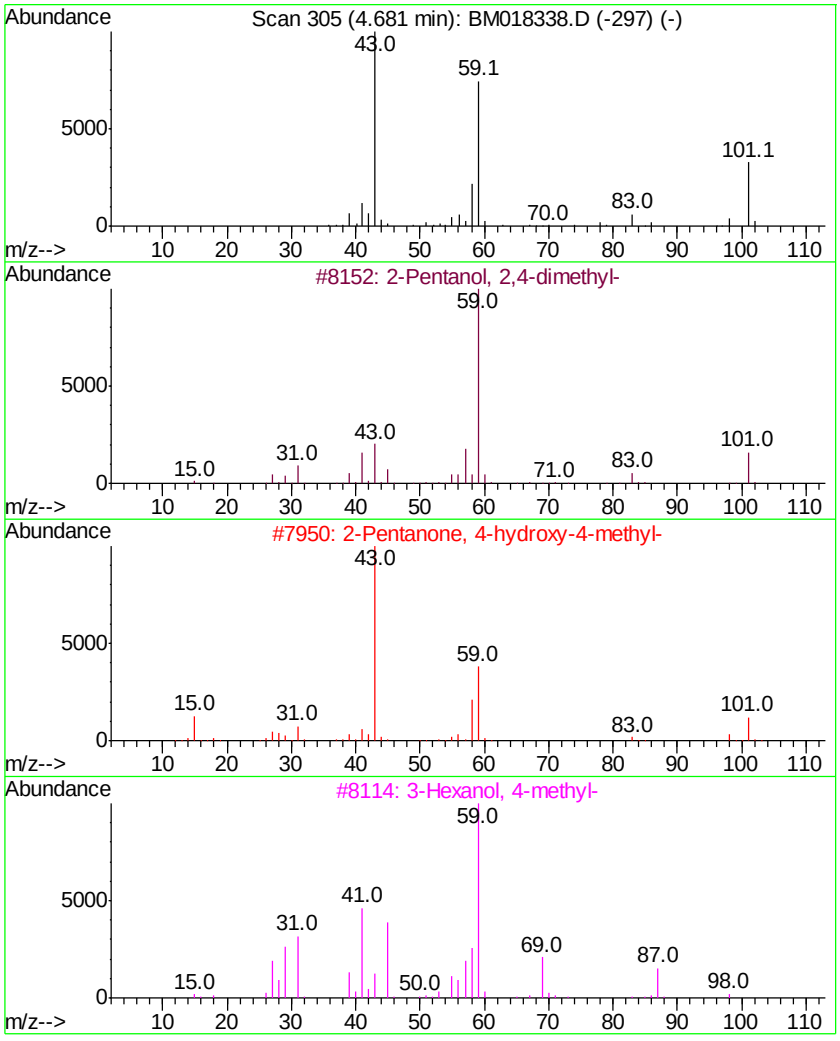
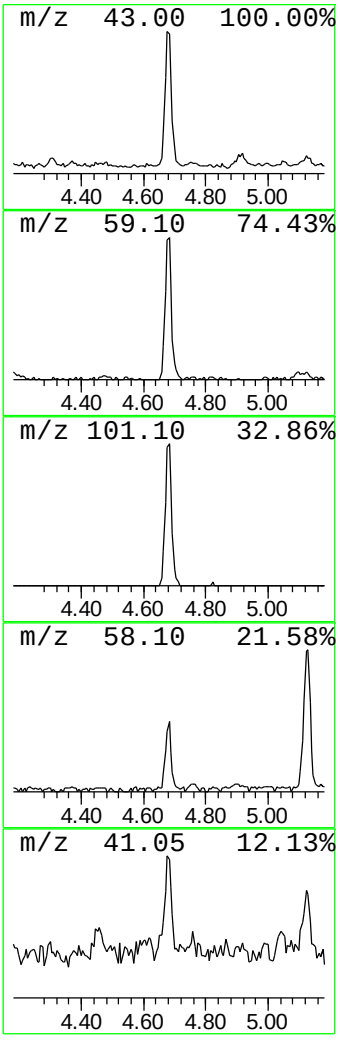
Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.83 ng	154382	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	17
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	16





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Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

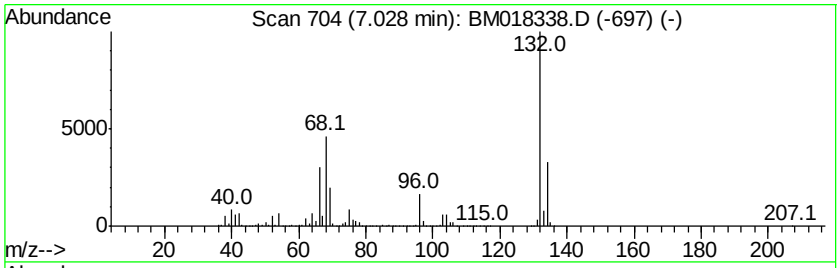
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

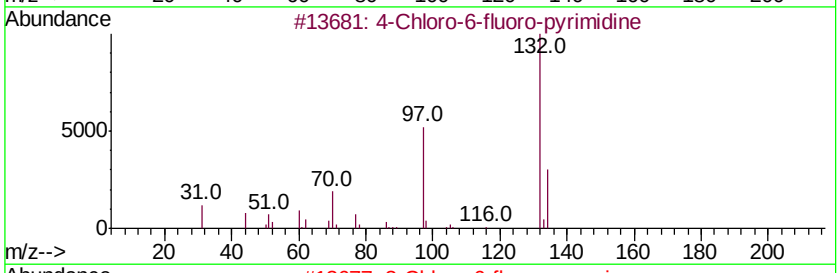
****

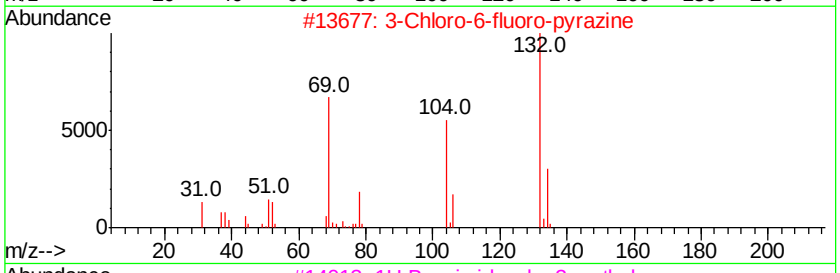
Peak Number 2 unknown7.03 Concentration Rank 1

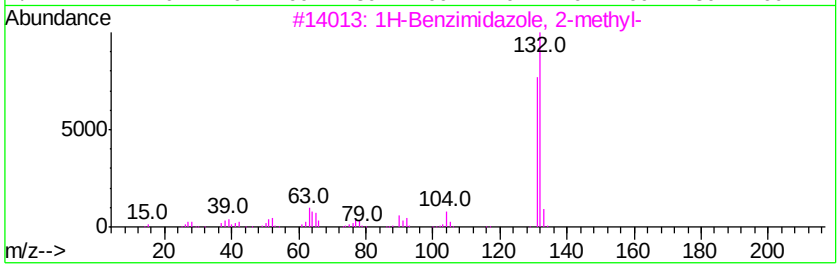
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	77.90 ng	4250650	1,4-Dichlorobenzene-d4	7.48

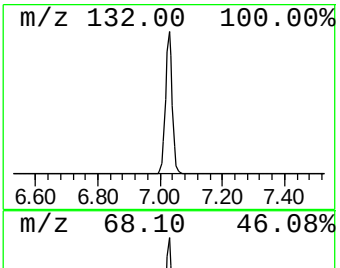
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12

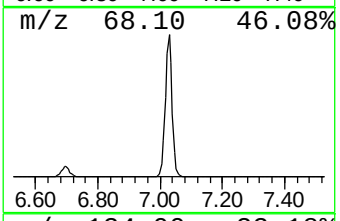


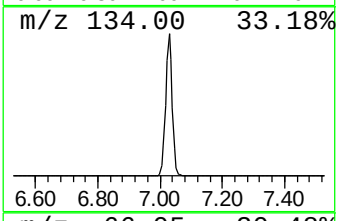


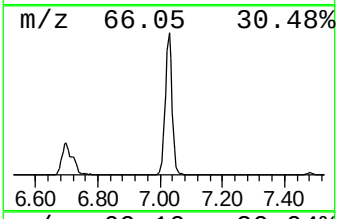


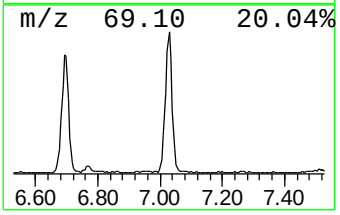












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Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

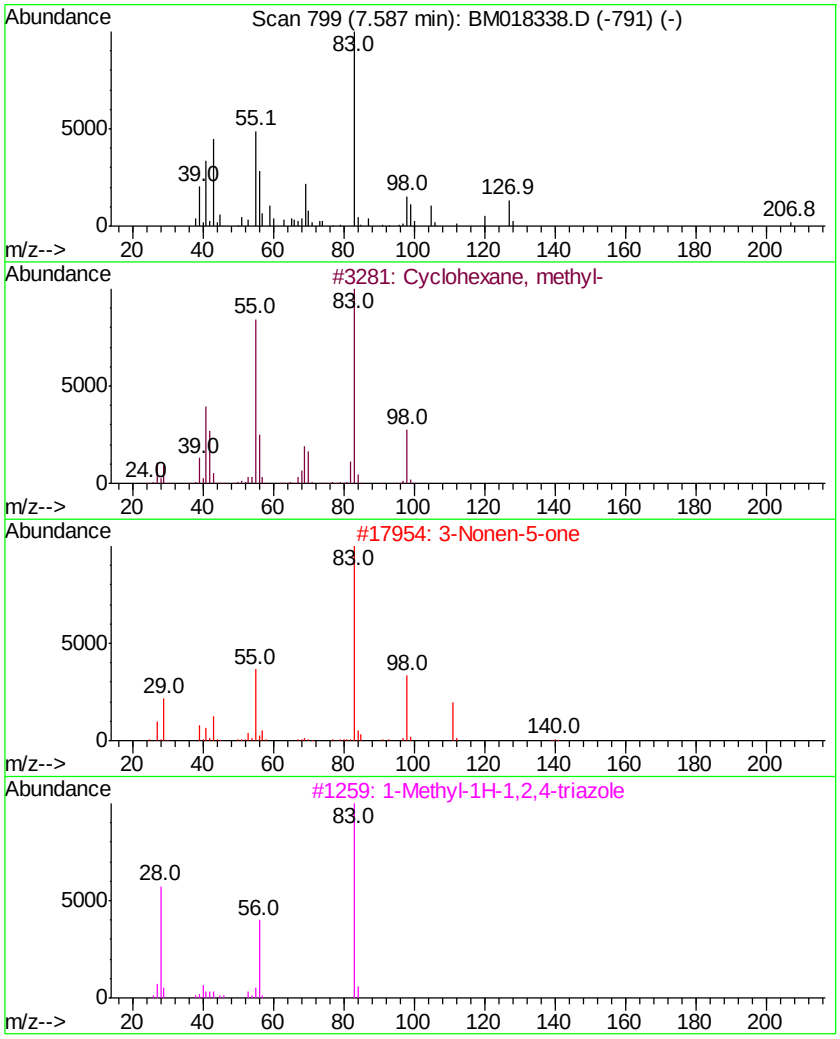
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

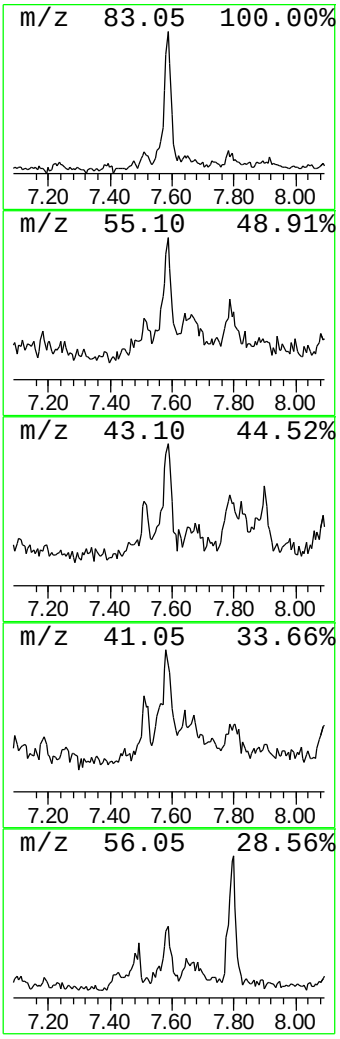
****

Peak Number 3 unknown7.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.31 ng	126116	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	40
2	3-Nonen-5-one	140	C9H16O	082456-34-6	38
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	38
4	Cyclohexanamine, N-cyclooctylidene-	207	C14H25N	054699-42-2	33
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
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Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

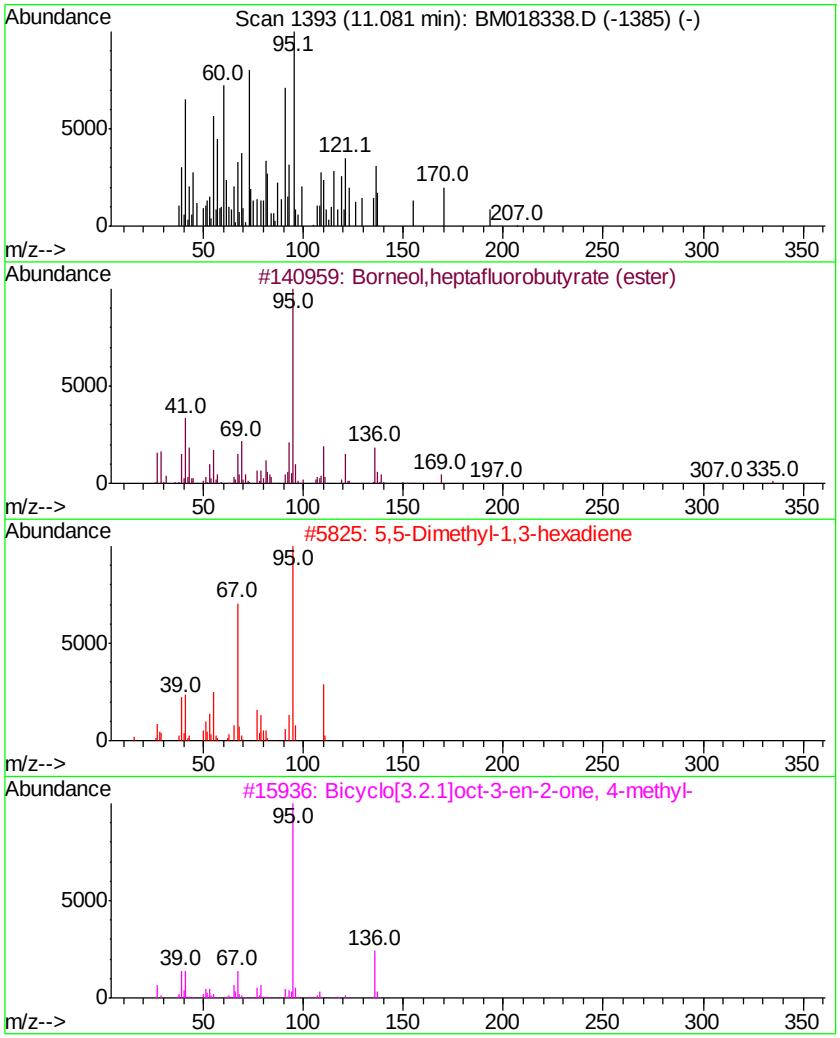
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

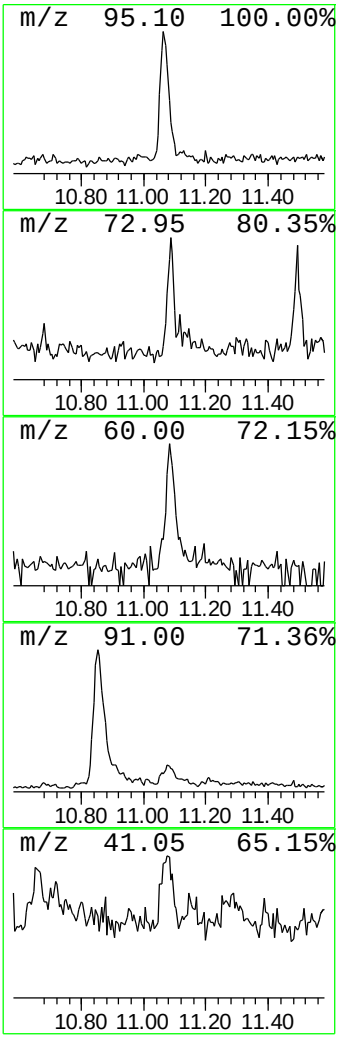
****

Peak Number 5 unknown11.08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.36 ng	168121	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol,heptafluorobutyrate (ester)	350	C14H17F7O2	1000245-88-4	43
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
3	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	38
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
5	4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	38





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Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

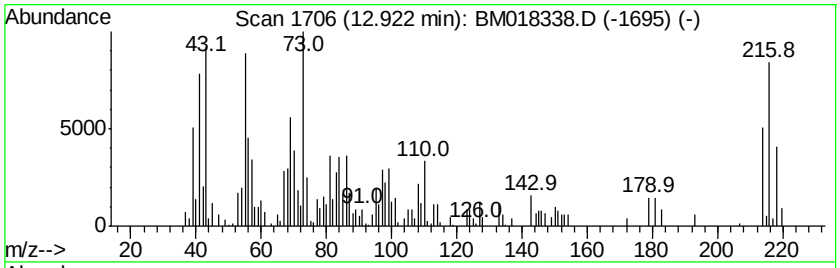
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

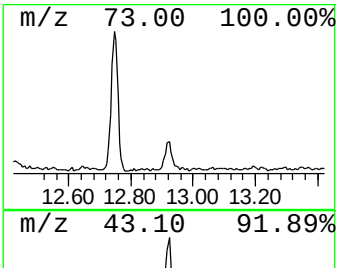
****

Peak Number 6 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	4.04 ng	266159	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	98
2	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	97
4	2,2-Dichloro-1-oxa-2-sila-1,2-di...	216	C8H6Cl2OSi	064749-19-5	47
5	3-[p-Chlorophenylmercapto]propio...	216	C9H9ClO2S	006310-27-6	38





Library Search Compound Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

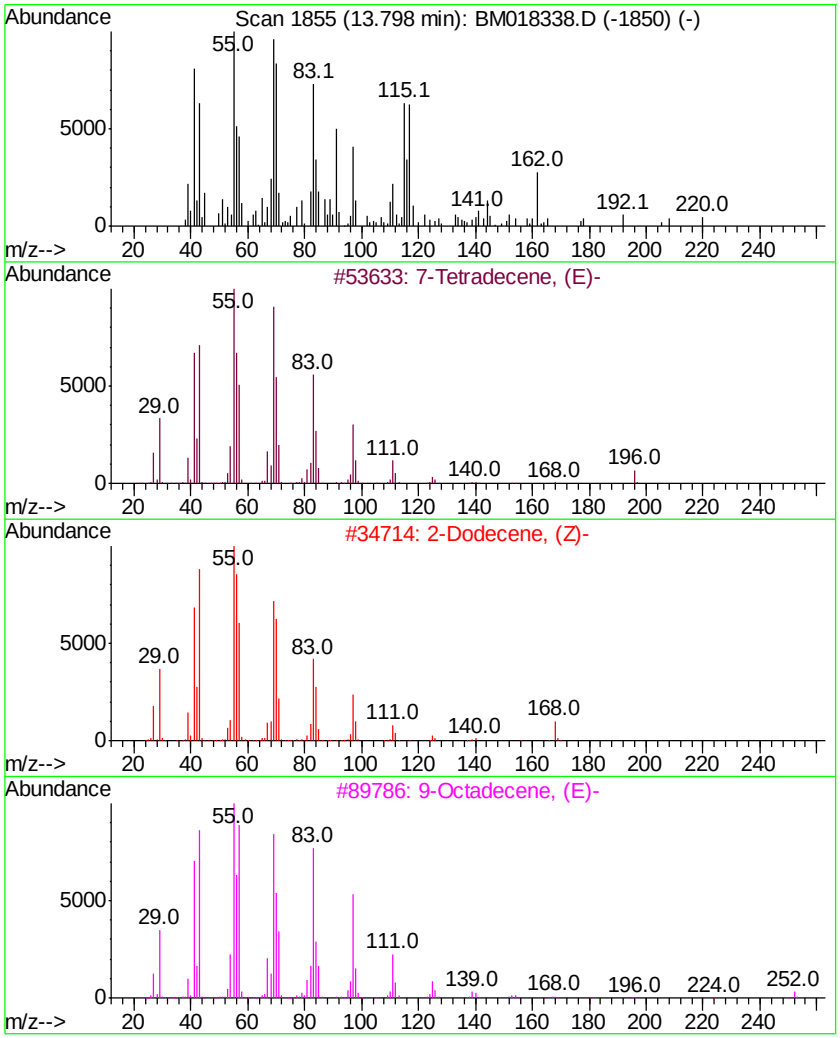
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

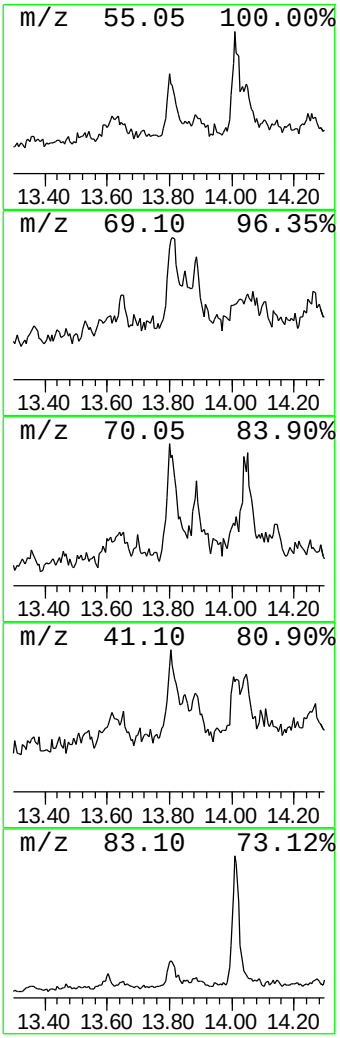
****

Peak Number 7 unknown13.80 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.96 ng	326455	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (E)-	196	C14H28	041446-63-3	30
2	2-Dodecene, (Z)-	168	C12H24	007206-26-0	30
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	27
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	27
5	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	25





Library Search Compound Report

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Operator : JU/SJ
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

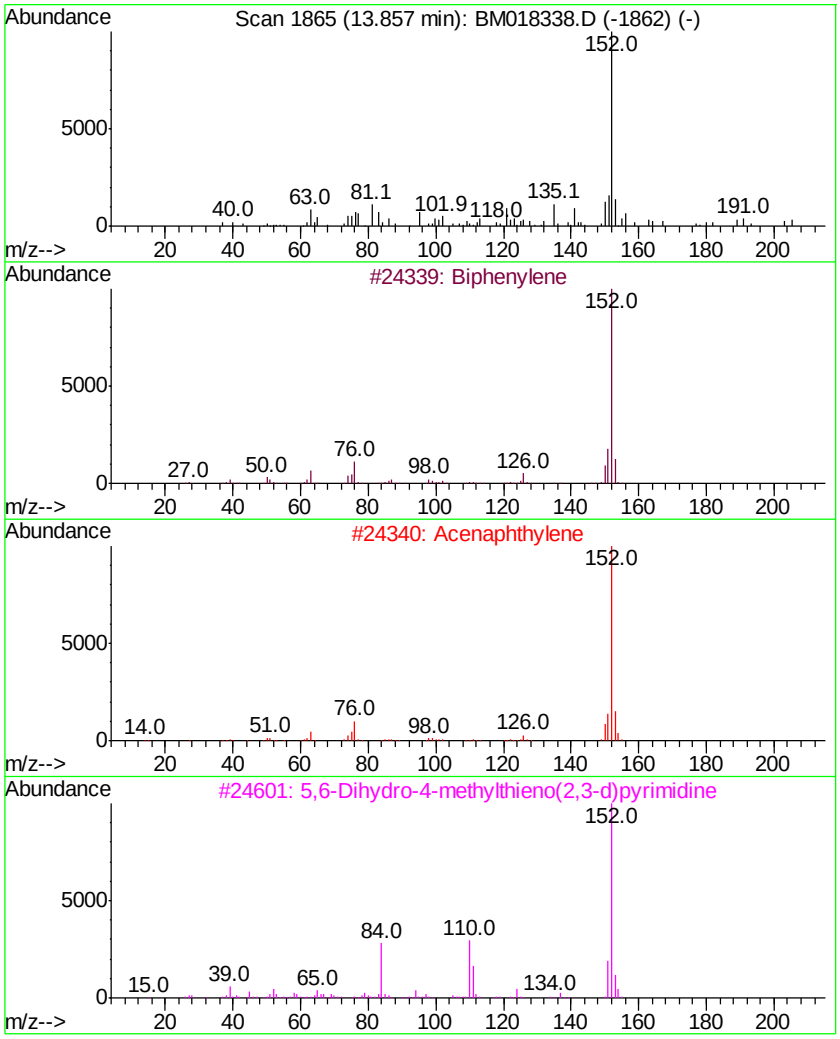
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

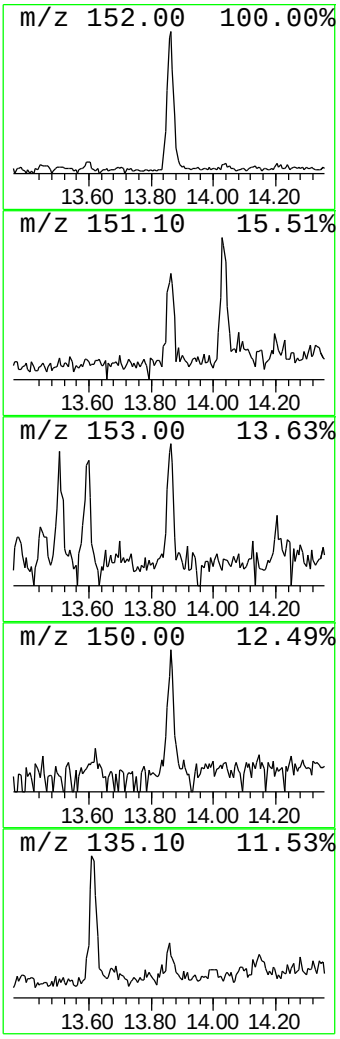
****

Peak Number 8 Biphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.61 ng	237635	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	70
2	Acenaphthylene	152	C12H8	000208-96-8	62
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	50
4	Benzoic acid, 3,5-diamino-	152	C7H8N2O2	000535-87-5	50
5	Benzoic acid, 3-methoxy-	152	C8H8O3	000586-38-9	47





Library Search Compound Report

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Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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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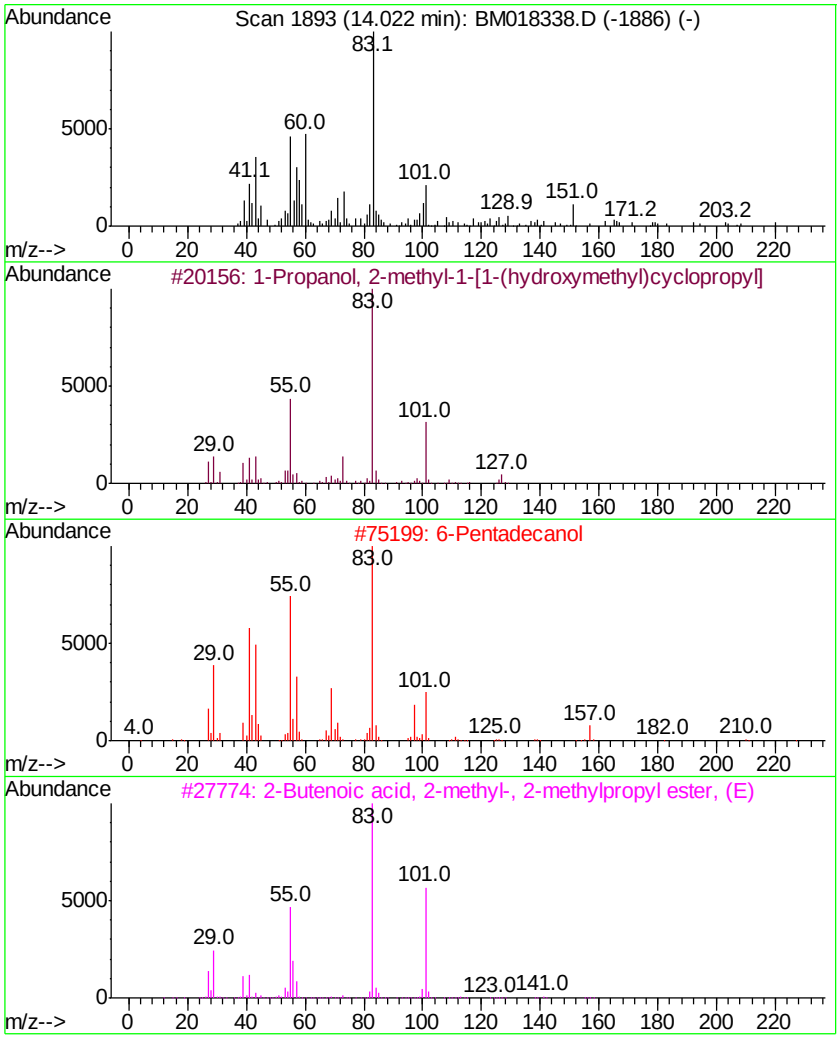
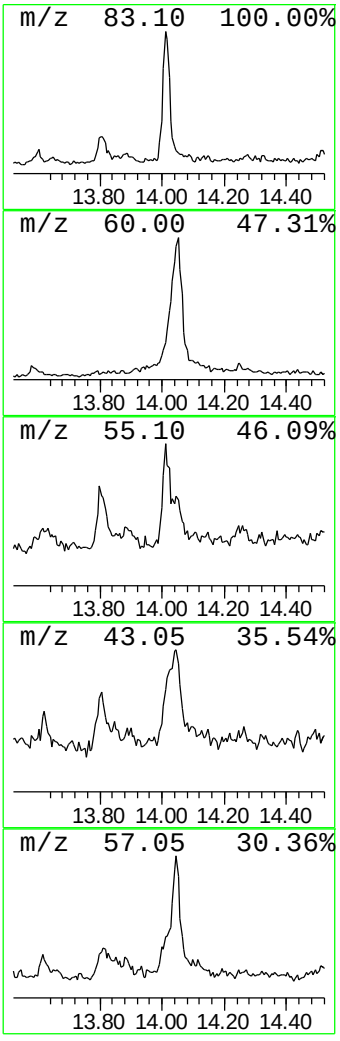
Peak Number 9 1-Propanol, 2-methyl-1-[1-(... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.09 ng	335267	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-methyl-1-[1-(hydro...	144	C8H16O2	108546-80-1	50
2	6-Pentadecanol	228	C15H32O	006836-40-4	50
3	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	50
4	1-Isopropenyl-3,3-dimethyl-5-(3-...	220	C15H24O	152481-77-1	43
5	3-Octanol, 2,2-dimethyl-	158	C10H22O	019841-72-6	40





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : P001-SS012-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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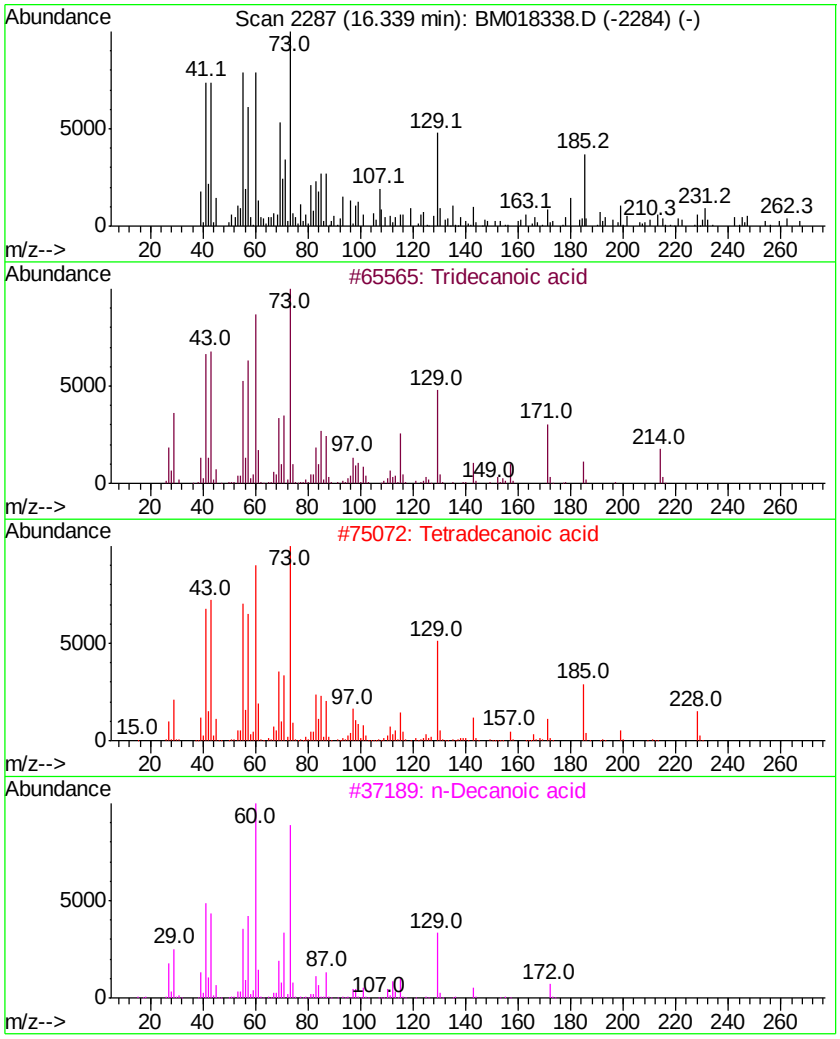
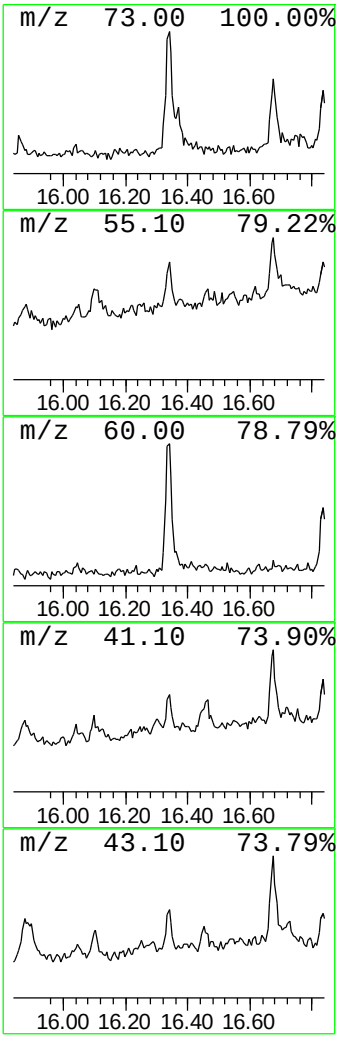
****

Peak Number 10 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.20 ng	161856	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	47
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	43





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ClientSampleId : P001-SS012-0612-01

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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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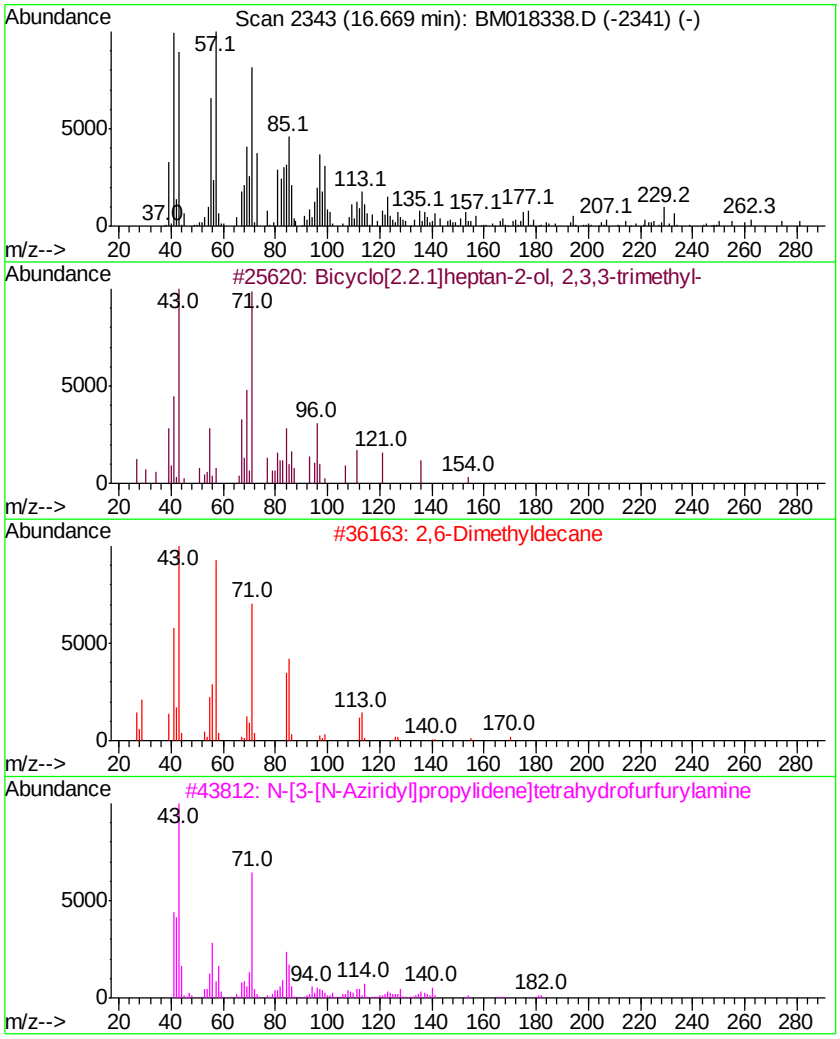
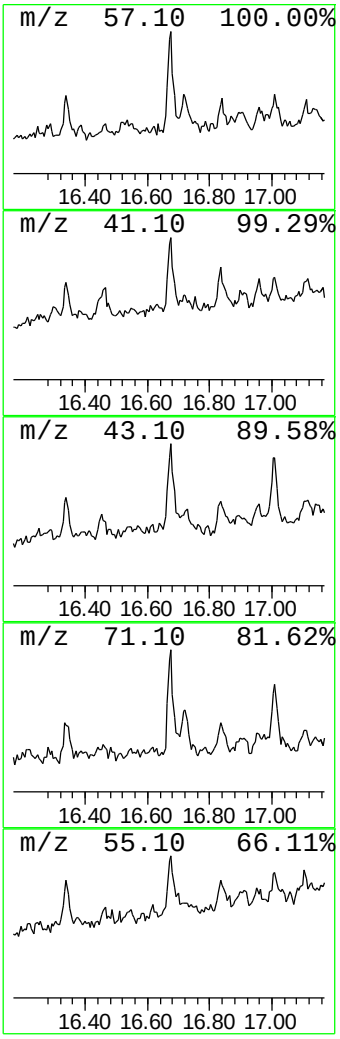
Peak Number 11 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.01 ng	295423	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	53
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	46
3	N-[3-[N-Aziridyl]propylideneltet...	182	C10H18N2O	1000256-63-4	43
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5	Z-(13,14-Epoxy)tetradec-11-en-1-...	268	C16H28O3	1000131-33-2	25





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ClientSampleId : P001-SS012-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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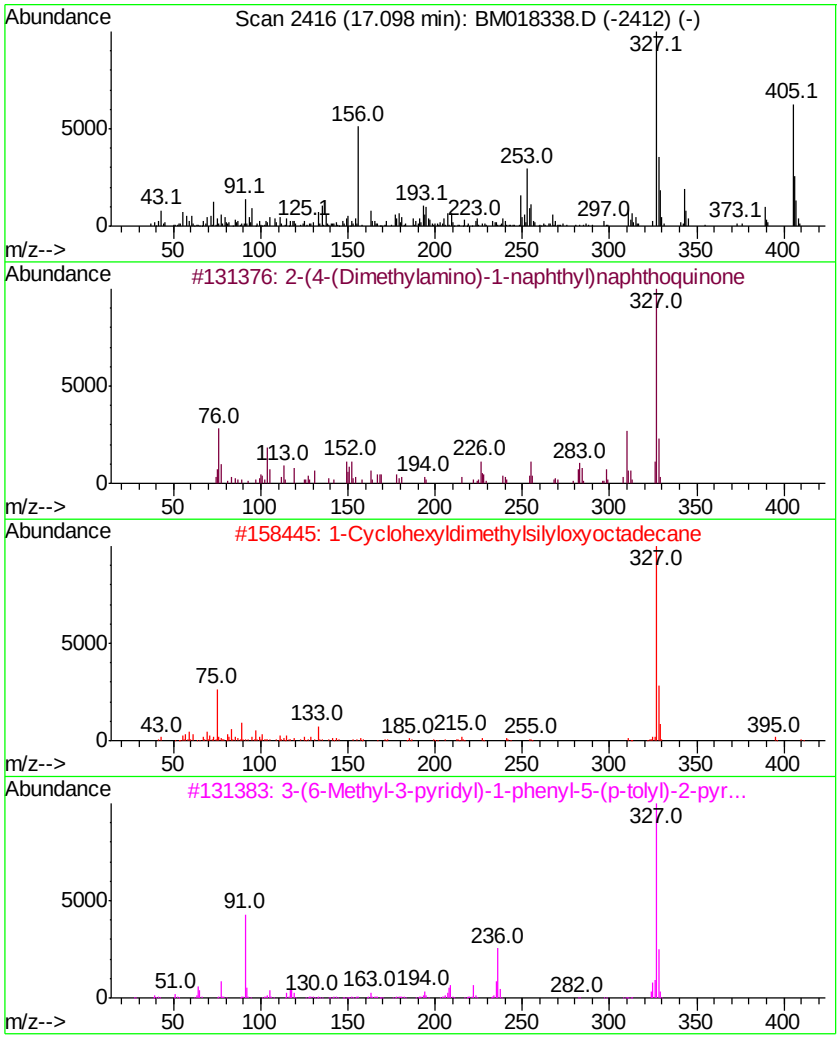
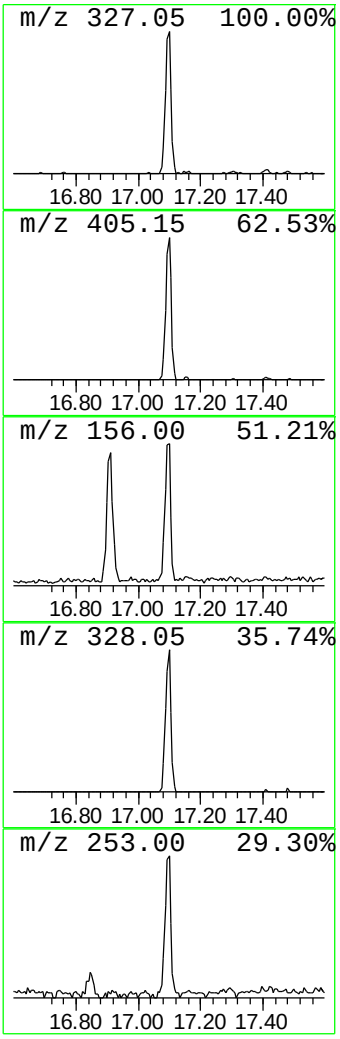
Peak Number 12 unknown17.10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	7.92 ng	583909	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-(Dimethylamino)-1-naphthyl)...	327	C22H17NO2	085808-66-8	27
2	1-Cyclohexyldimethylsilyloxyocta...	410	C26H54OSi	1000281-96-8	27
3	3-(6-Methyl-3-pyridyl)-1-phenyl-...	327	C22H21N3	010040-74-1	27
4	1H-Indole, 5,6-dimethoxy-2-(3,5-...	327	C19H21NO4	156785-69-2	16
5	Bicyclo[4.1.0]hepta-2,4-diene, 2...	356	C27H32	1000158-07-0	16





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ClientSampleId : P001-SS012-0612-01

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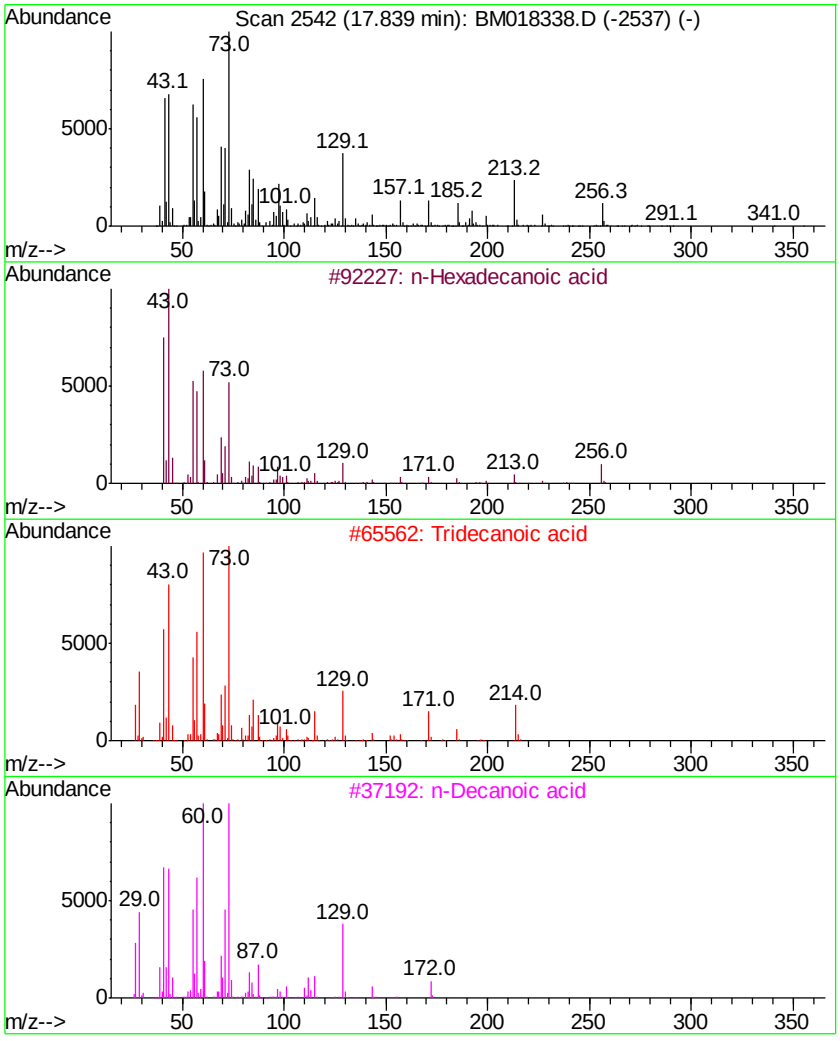
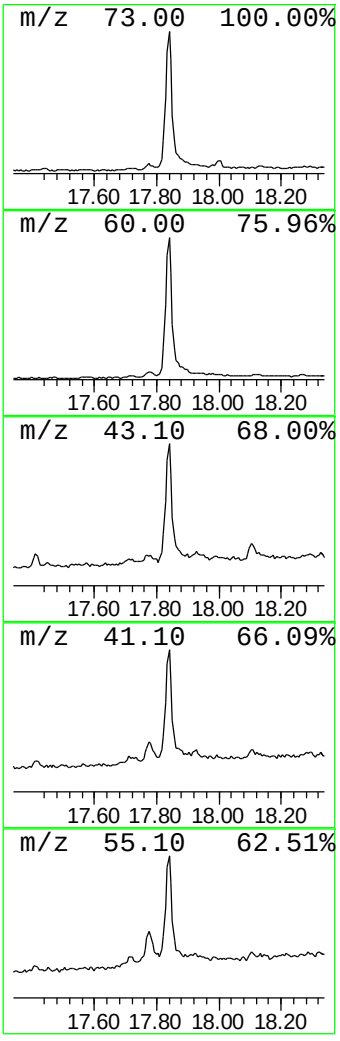
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	36.79 ng	2711710	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecane	184	C13H28	000629-50-5	11





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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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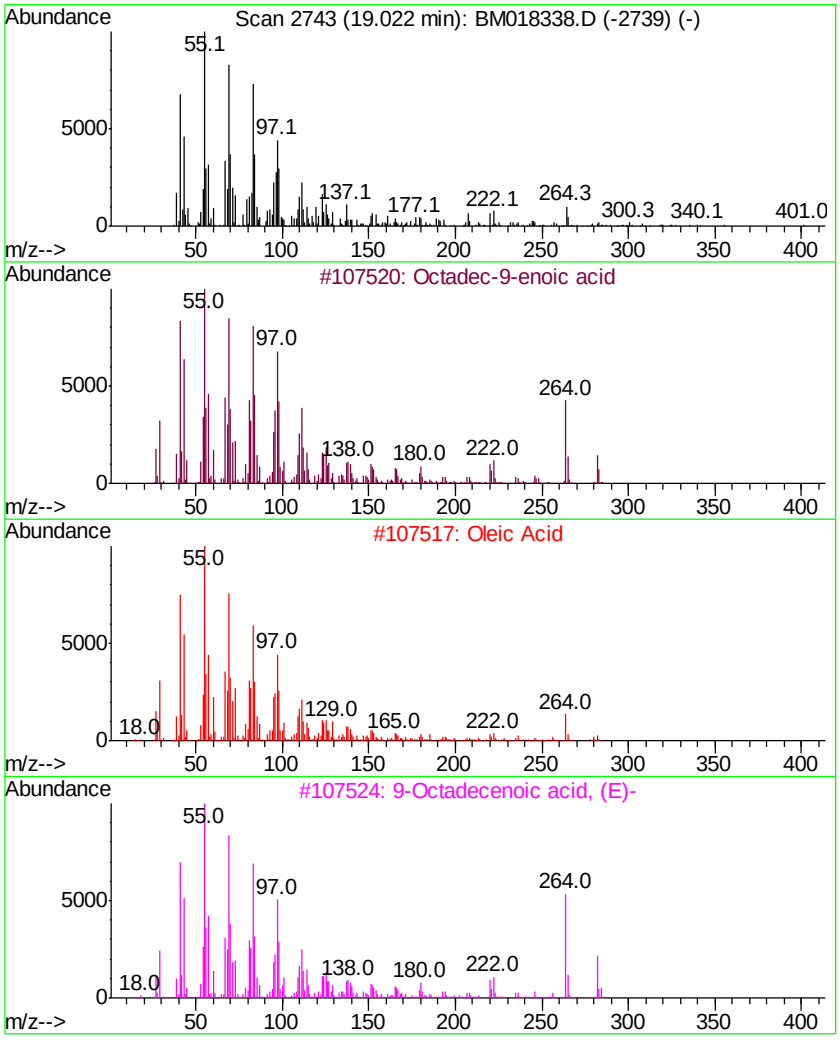
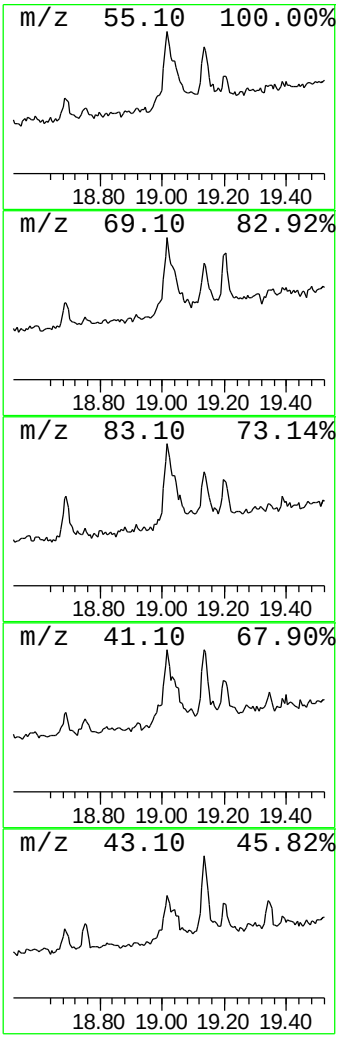
Peak Number 14 Octadec-9-enoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	12.50 ng	921029	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	98
2	Oleic Acid	282	C18H34O2	000112-80-1	93
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	55
5	Erucic acid	338	C22H42O2	000112-86-7	52





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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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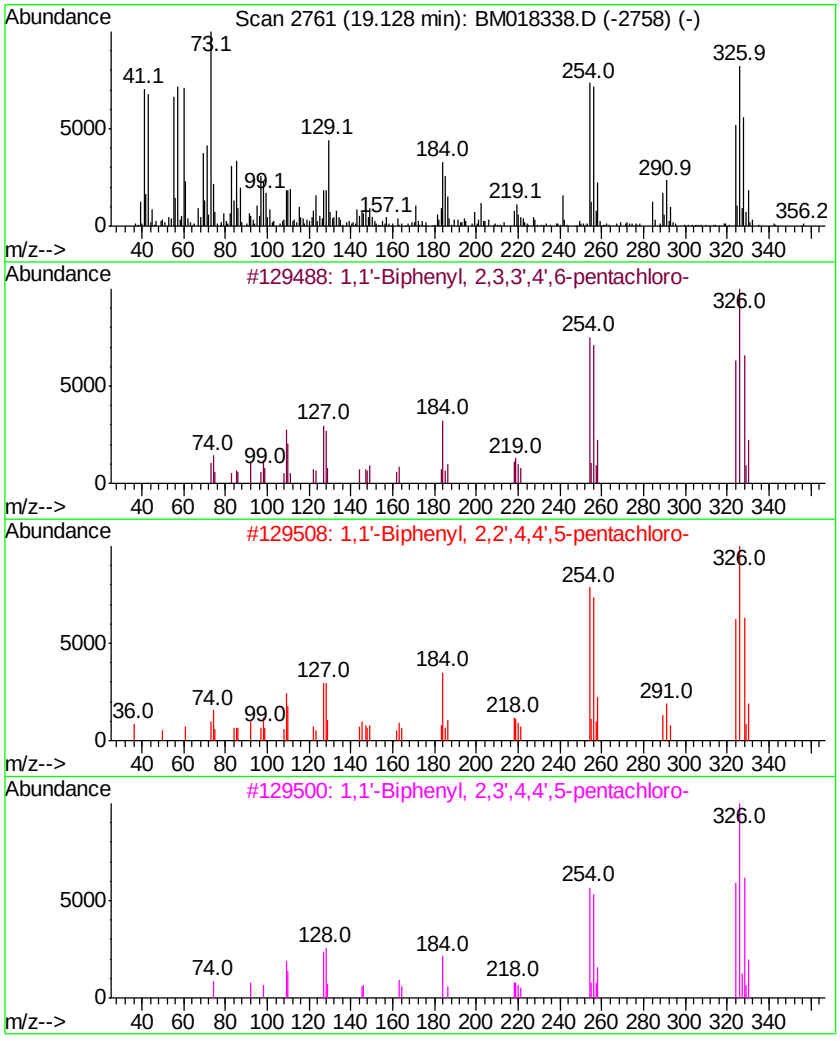
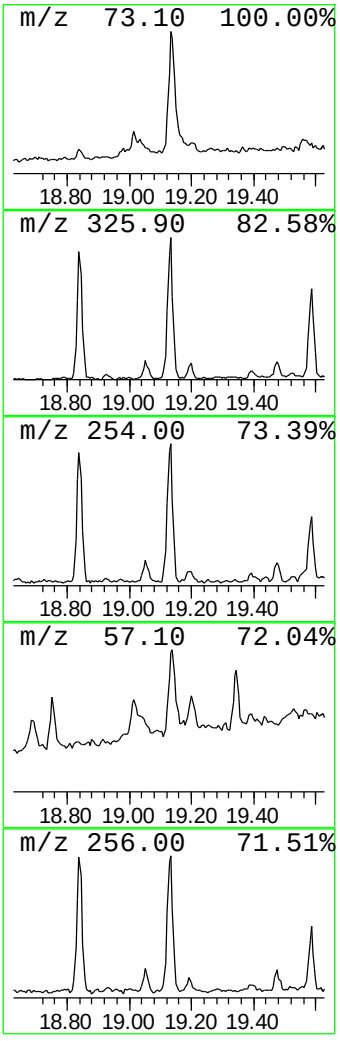
Peak Number 15 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	23.17 ng	1805330	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	95
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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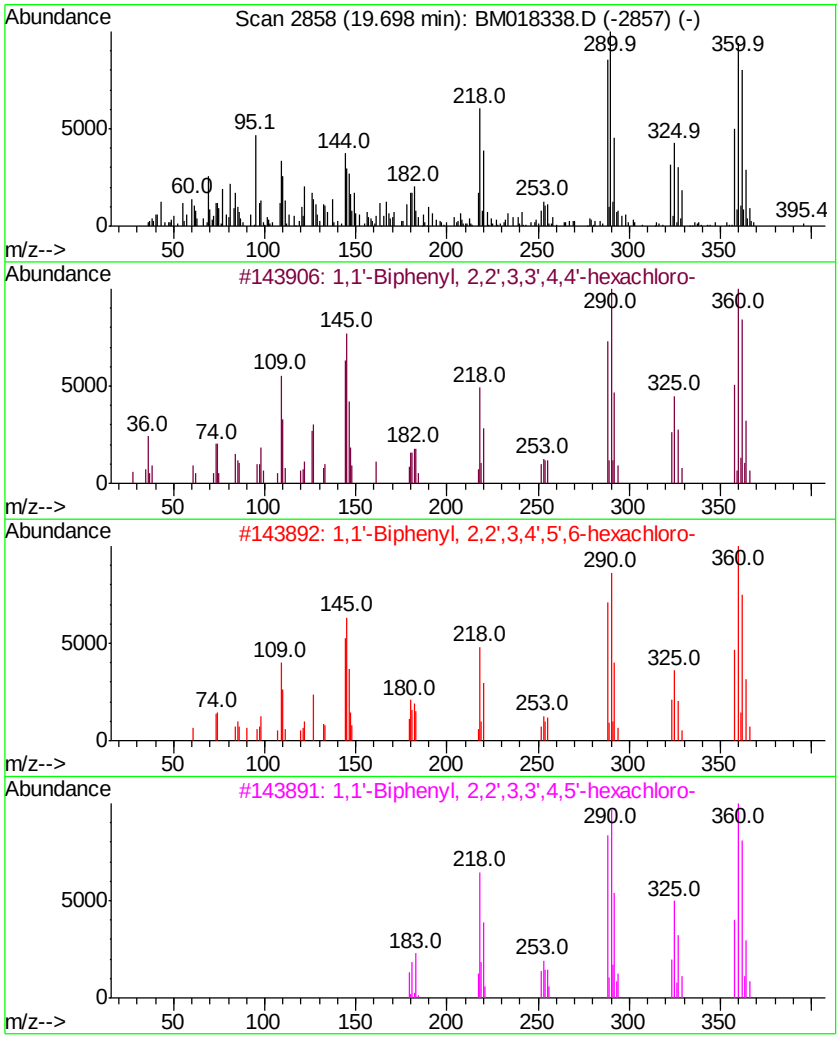
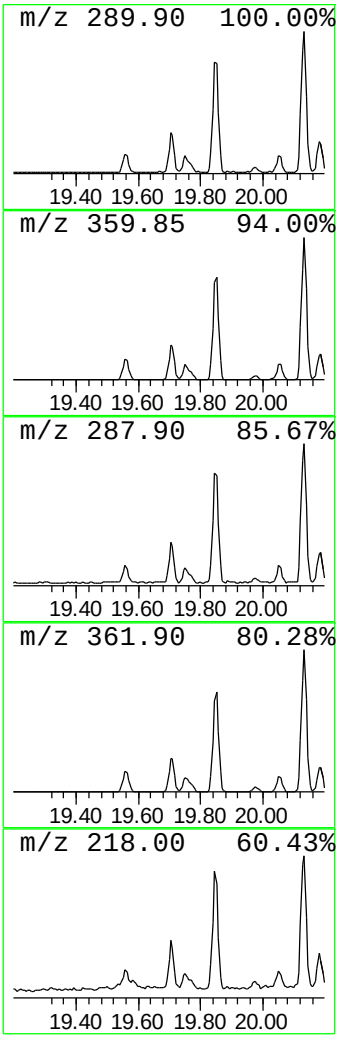
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	9.36 ng	729045	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	98
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95





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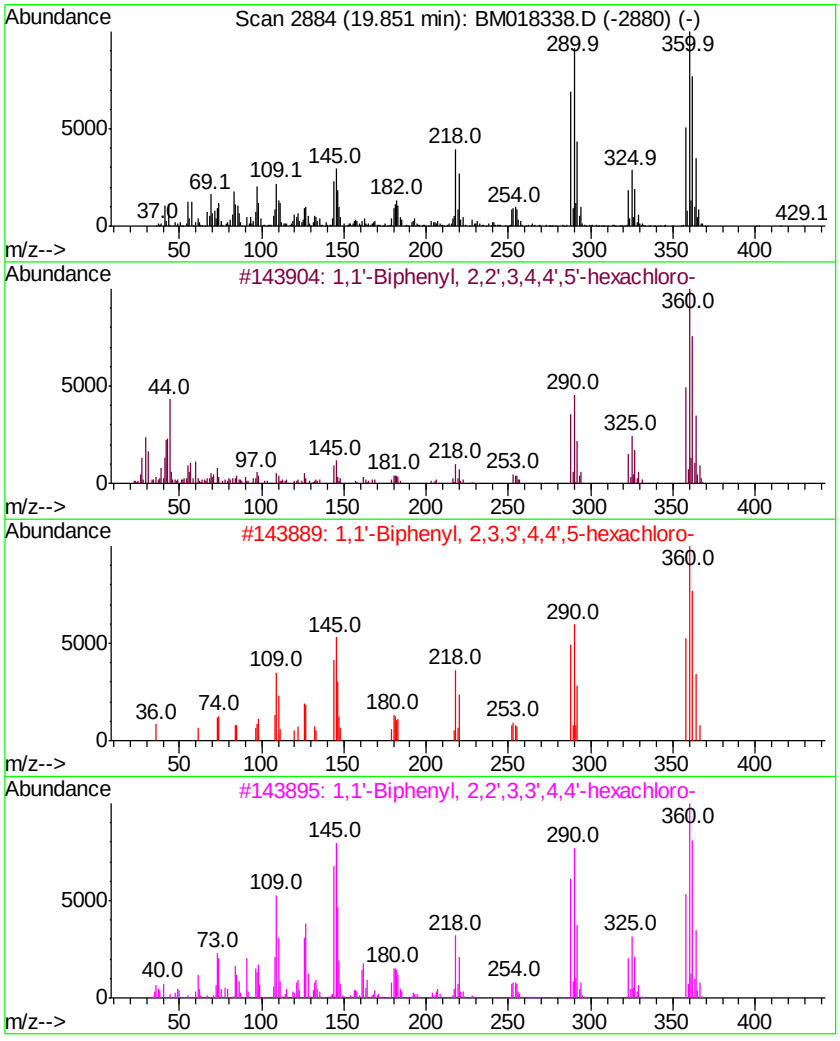
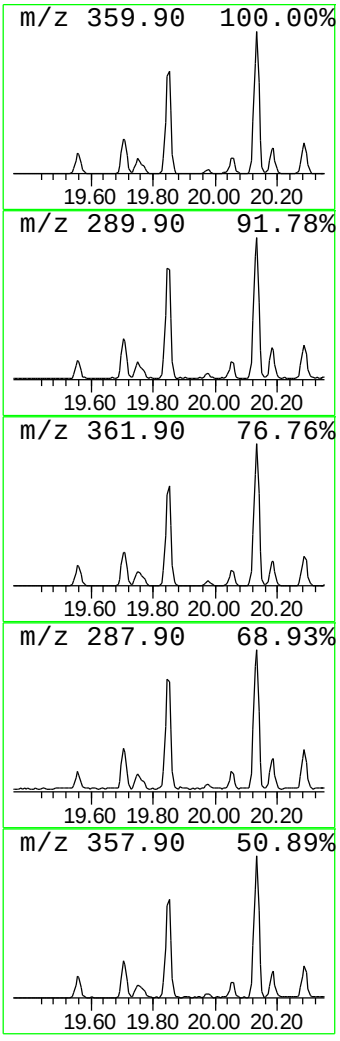
Peak Number 17 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	35.25 ng	2746700	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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





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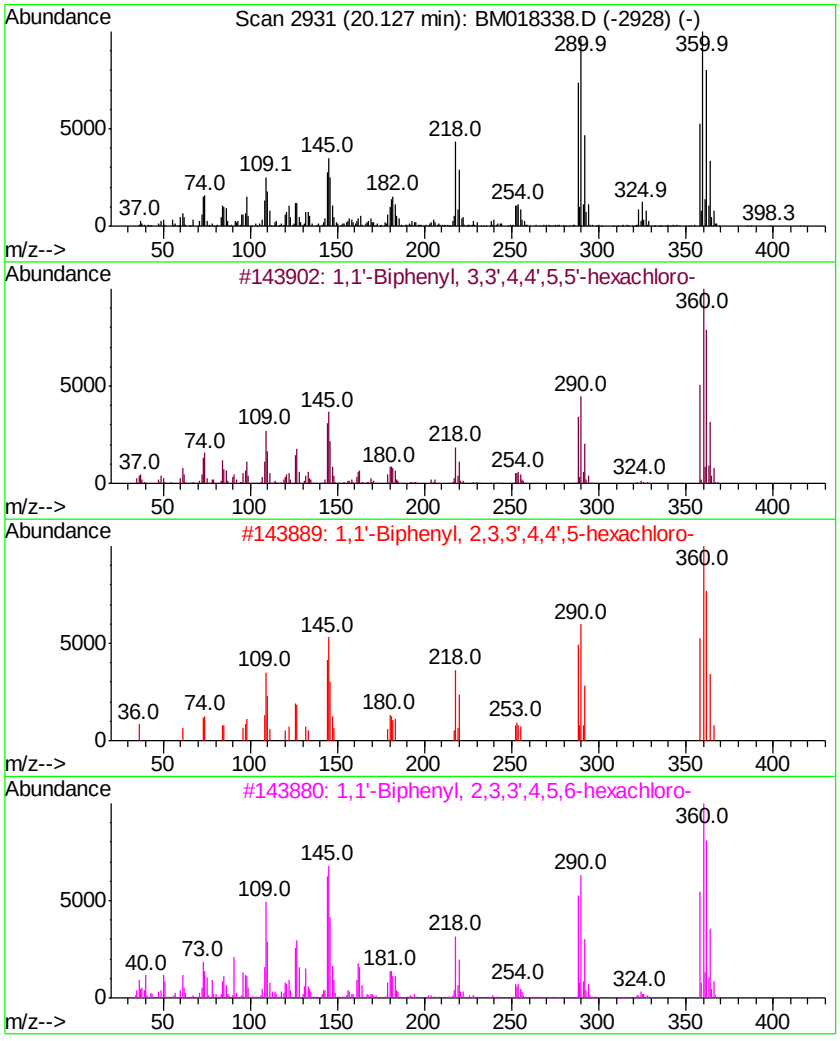
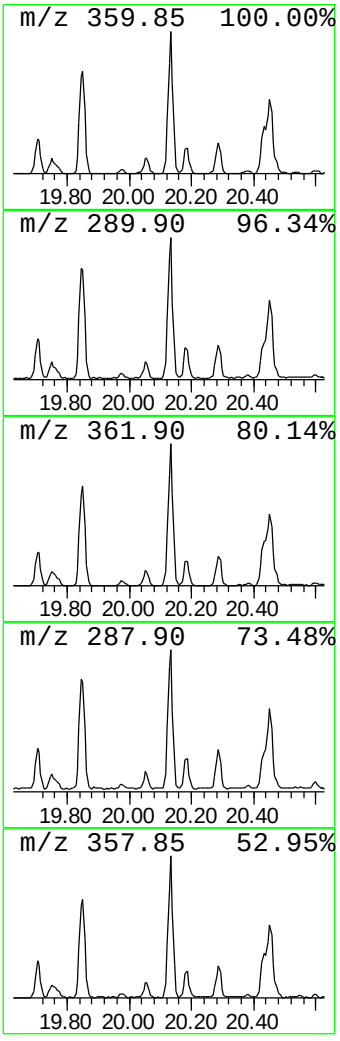
Peak Number 18 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	33.72 ng	2627060	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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96





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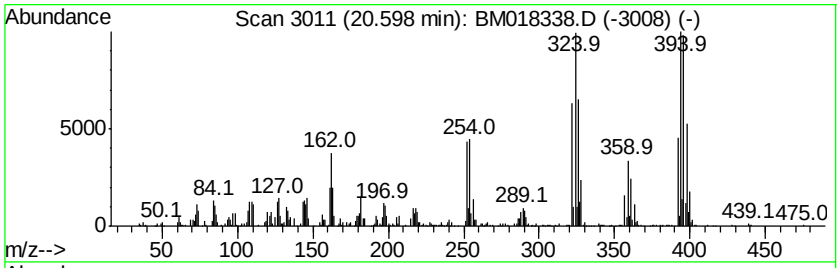
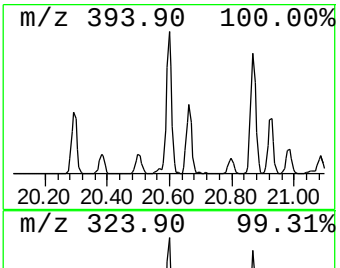
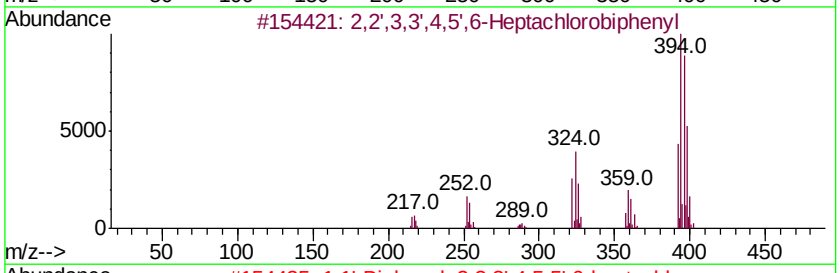
Peak Number 19 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 8

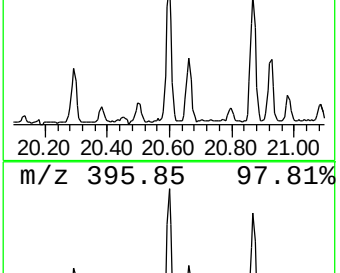
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	18.38 ng	1431920	Chrysene-d12	21.14

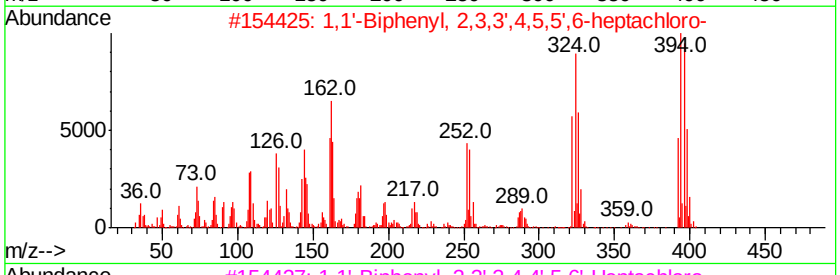
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	98

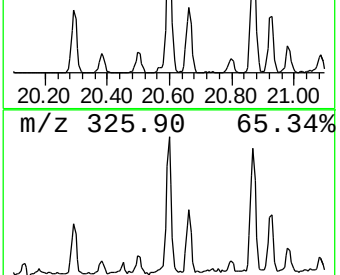


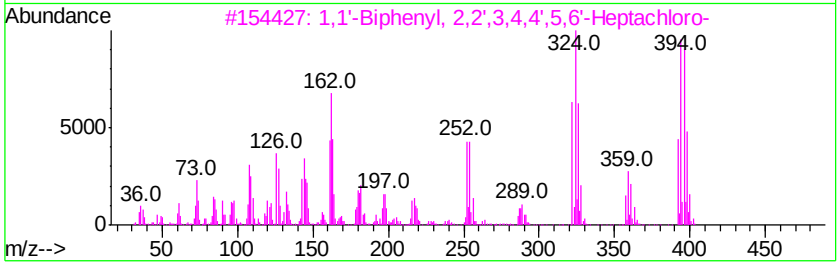


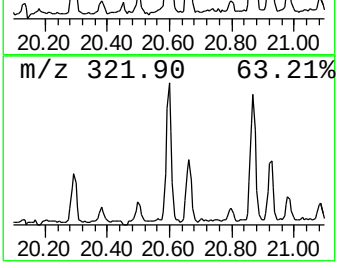












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

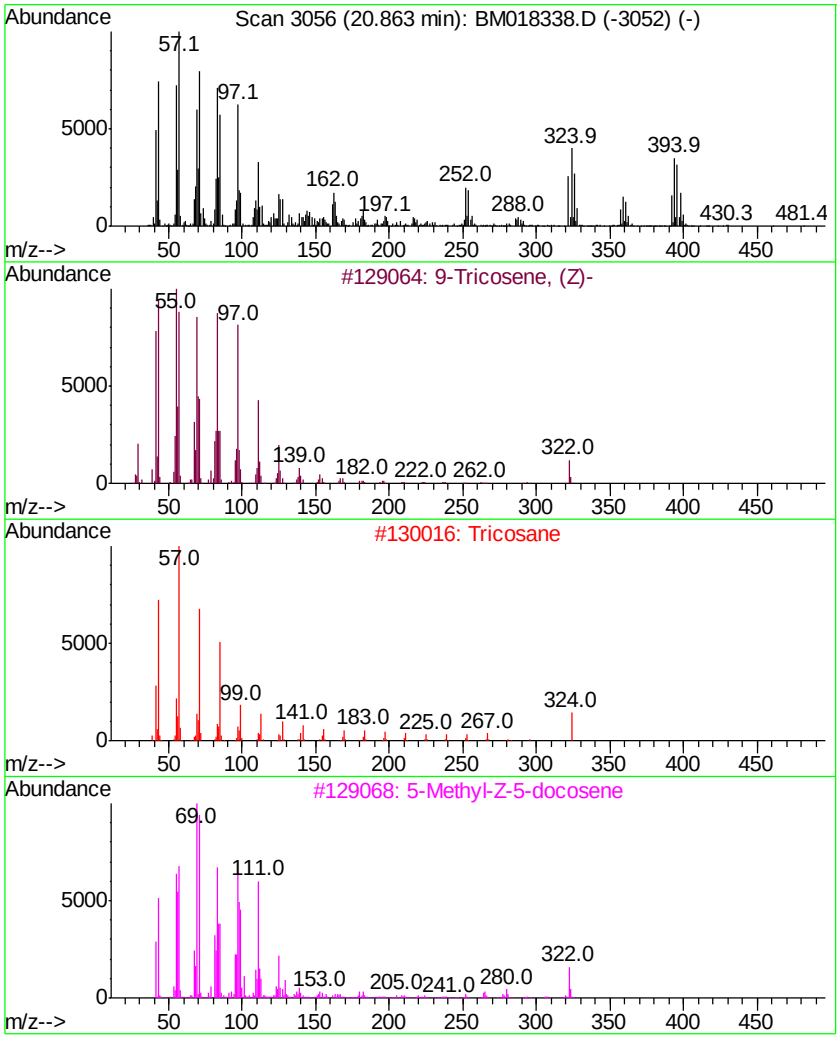
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

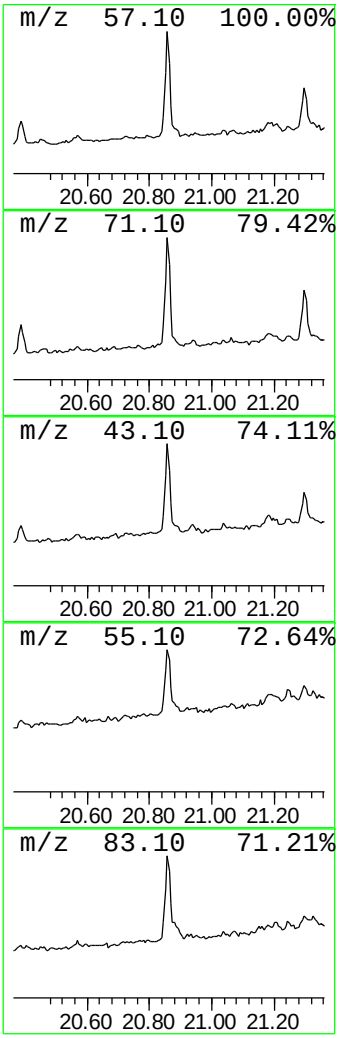
****

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	49.33 ng	3843890	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	62
2	Tricosane	324	C23H48	000638-67-5	38
3	5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	35
4	2-Methyl-2-docosene	322	C23H46	1000131-16-9	25
5	4-Methyl-Z-4-docosene	322	C23H46	1000131-17-0	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
Data File : BM018338.D
Acq On : 20 Dec 2018 19:57
Operator : JU/SJ
Sample : J6389-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS012-0612-01

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanol, 2,4-d...	4.68	2.8	ng	154382	1	7.48	1091350	20.0
unknown7.03	7.03	77.9	ng	4250650	1	7.48	1091350	20.0
unknown7.59	7.59	2.3	ng	126116	1	7.48	1091350	20.0
unknown11.08	11.08	2.4	ng	168121	2	10.25	1425520	20.0
Benzene, 1,2,3,4-...	12.92	4.0	ng	266159	3	14.14	1317450	20.0
unknown13.80	13.80	5.0	ng	326455	3	14.14	1317450	20.0
Biphenylene	13.86	3.6	ng	237635	3	14.14	1317450	20.0
1-Propanol, 2-met...	14.02	5.1	ng	335267	3	14.14	1317450	20.0
Tridecanoic acid	16.34	2.2	ng	161856	4	16.91	1474090	20.0
Bicyclo[2.2.1]hep...	16.67	4.0	ng	295423	4	16.91	1474090	20.0
unknown17.10	17.10	7.9	ng	583909	4	16.91	1474090	20.0
n-Hexadecanoic acid	17.84	36.8	ng	2711710	4	16.91	1474090	20.0
Octadec-9-enoic acid	19.02	12.5	ng	921029	4	16.91	1474090	20.0
1,1'-Biphenyl, 2,...	19.13	23.2	ng	1805330	5	21.14	1558390	20.0
1,1'-Biphenyl, 2,...	19.70	9.4	ng	729045	5	21.14	1558390	20.0
1,1'-Biphenyl, 2,...	19.85	35.3	ng	2746700	5	21.14	1558390	20.0
1,1'-Biphenyl, 3,...	20.13	33.7	ng	2627060	5	21.14	1558390	20.0
2,2',3,3',4,5',6-...	20.60	18.4	ng	1431920	5	21.14	1558390	20.0
9-Tricosene, (Z)-	20.86	49.3	ng	3843890	5	21.14	1558390	20.0