LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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	4.675	298	304	311	rBV	94487	133324	1.26%	0.131%
2	5.128	374	381	398	rBV	2477858	3528420	33.35%	3.479%
3	6.698	641	648	667	rBV	2258276	3931065	37.16%	3.876%
4	7.028	697	704	713	rBV	2565311	3875970	36.64%	3.822%
5	7.481	773	781	790	rBV	566378	897709	8.49%	0.885%
6	7.792	827	834	843	rBV	1808107	2829983	26.75%	2.790%
7	8.281	912	917	930	rVB	54841	126940	1.20%	0.125%
8	8.645	971	979	991	rBV	1350081	2327157	22.00%	2.295%
9	10.251	1242	1252	1257	rBV	680764	1159797	10.96%	1.144%
10	12.151	1570	1575	1582	rVB	65419	129928	1.23%	0.128%
11	12.751	1669	1677	1685	rBV	3163835	4796615	45.34%	4.730%
12	12.922	1702	1706	1717	rBV4	88124	209894	1.98%	0.207%
13	13.298	1764	1770	1779	rBV6	57387	146359	1.38%	0.144%
14	13.457	1789	1797	1803	rBV4	125966	281359	2.66%	0.277%
15	13.580	1813	1818	1820	rVV	133531	192217	1.82%	0.190%
16	13.616	1820	1824	1834	rVB	386991	828267	7.83%	0.817%
17	13.863	1860	1866	1872	rBV2	311540	513169	4.85%	0.506%
18	14.045	1889	1897	1904	rBV2	100997	250511	2.37%	0.247%
19	14.145	1908	1914	1921	rVB2	1045077	1645963	15.56%	1.623%
20	14.239	1926	1930	1934	rVB2	119291	166471	1.57%	0.164%
21	14.392	1945	1956	1963	rBV2	276096	572695	5.41%	0.565%
22	14.469	1966	1969	1977	rVV7	50324	108225	1.02%	0.107%
23	14.551	1978	1983	1987	rVV4	88086	142063	1.34%	0.140%
24	14.627	1992	1996	2001	rVB	303072	417859	3.95%	0.412%
25	14.768	2015	2020	2024	rBV4	61866	115974	1.10%	0.114%
26	15.010	2058	2061	2072	rVB2	60007	136524	1.29%	0.135%
27	15.204	2091	2094	2107	rVB4	68477	162981	1.54%	0.161%
28	15.657	2165	2171	2178	rVB	2687515	3740539	35.35%	3.688%
29	15.892	2204	2211	2216	rBV5	163805	408314	3.86%	0.403%
30	16.721	2349	2352	2361	rVB2	93640	173596	1.64%	0.171%
31	16.910	2379	2384	2388	rBV	1117154	1555080	14.70%	1.533%
32	16.951	2388	2391	2397	rVB	801555	1098069	10.38%	1.083%
33	17.045	2403	2407	2411	rBV	218359	282296	2.67%	0.278%
34	17.098	2412	2416	2423	rVV4	224315	376110	3.55%	0.371%

LSC Area Percent Report

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Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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	17.786	2530	2533	2536	rBV	297585	376107	3.55%	0.371%
36	17.839	2536	2542	2549	rVV2	2003218	3993281	37.74%	3.938%
37	17.951	2558	2561	2564	rBV	611910	784783	7.42%	0.774%
38	18.074	2579	2582	2586	rBV2	218673	240857	2.28%	0.237%
39	18.680	2681	2685	2689	rBV3	572706	958041	9.06%	0.945%
40	18.721	2689	2692	2696	rVB	304544	492139	4.65%	0.485%
41	18.845	2709	2713	2723	rVB3	674334	1064410	10.06%	1.050%
42	18.986	2733	2737	2743	rBV	699354	1026019	9.70%	1.012%
43	19.133	2758	2762	2770	rBV2	1797238	2320806	21.94%	2.288%
44	19.356	2796	2800	2803	rBV	936082	1166987	11.03%	1.151%
45	19.398	2804	2807	2811	rVB	662402	768186	7.26%	0.757%
46	19.568	2831	2836	2843	rBV	4262267	5968907	56.42%	5.886%
47	19.709	2856	2860	2864	rVB3	1262735	1518468	14.35%	1.497%
48	19.751	2864	2867	2875	rVB4	387374	735741	6.95%	0.725%
49	19.851	2880	2884	2889	rVV2	3240583	4044900	38.23%	3.988%
50	19.909	2890	2894	2899	rVB	1403231	1545057	14.60%	1.523%
51	20.133	2928	2932	2936	rBV	3280320	3776703	35.70%	3.724%
52	20.186	2938	2941	2949	rVB2	798485	1103068	10.43%	1.088%
53	20.292	2955	2959	2964	rVB2	1392689	1771221	16.74%	1.746%
54	20.386	2972	2975	2979	rBV3	357159	438696	4.15%	0.433%
55	20.456	2979	2987	2992	rBV	1950982	3620705	34.22%	3.570%
56	20.603	3008	3012	3018	rVB2	1703941	2063256	19.50%	2.034%
57	20.662	3019	3022	3026	rBV	729347	825626	7.80%	0.814%
58	20.868	3052	3057	3061	rBV3	1812166	2872145	27.15%	2.832%
59	20.933	3064	3068	3073	rVB2	1286012	1989943	18.81%	1.962%
60	21.168	3100	3108	3113	rVB3	3289680	5995904	56.67%	5.912%
61	21.474	3157	3160	3165	rVB	1304760	1480419	13.99%	1.460%
62	21.592	3178	3180	3184	rVB2	573179	631766	5.97%	0.623%
63	29.350	4487	4499	4505	rBV3	2809499	10579945	100.00%	10.432%

Sum of corrected areas: 101415529

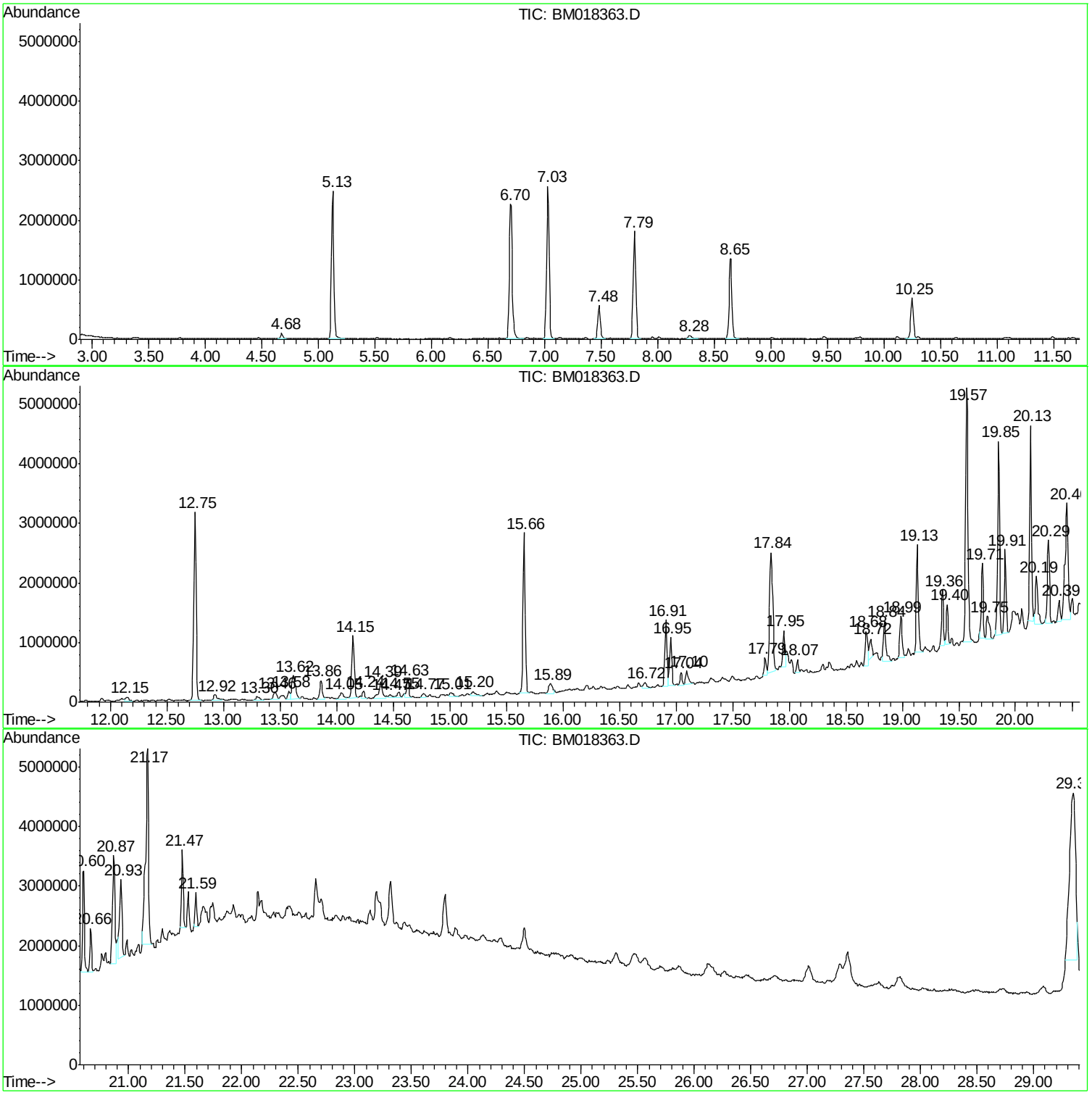
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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\BM122118\
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Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
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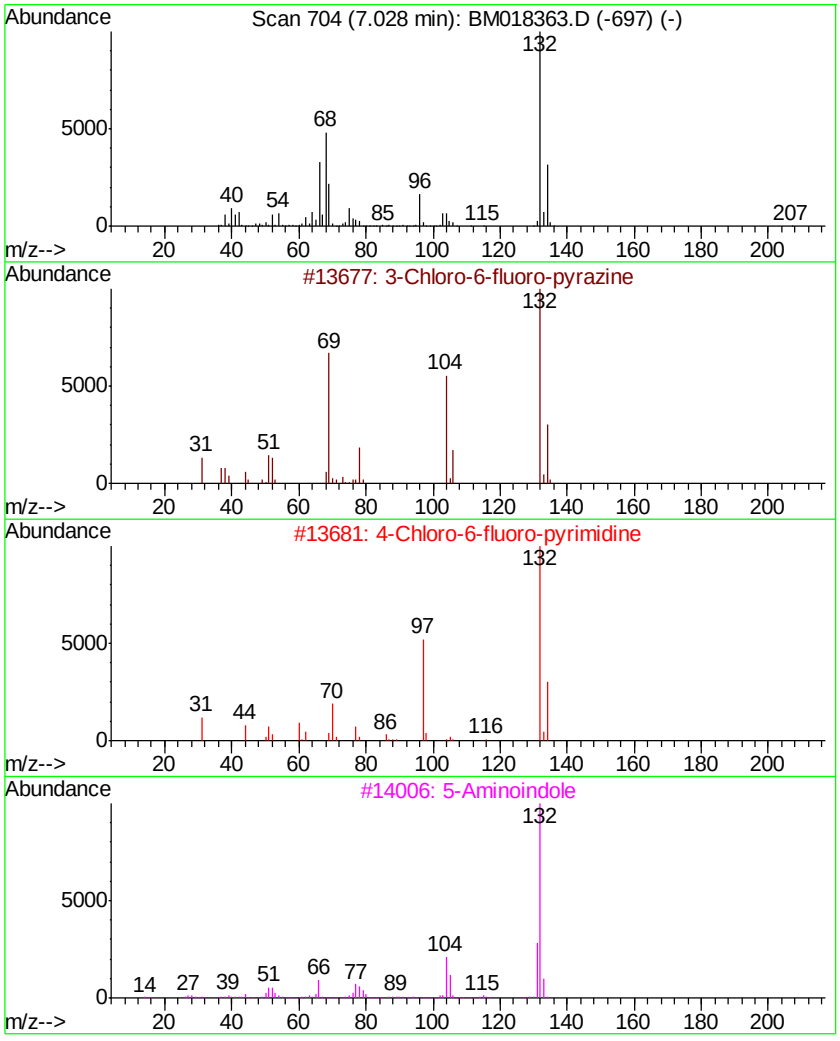
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

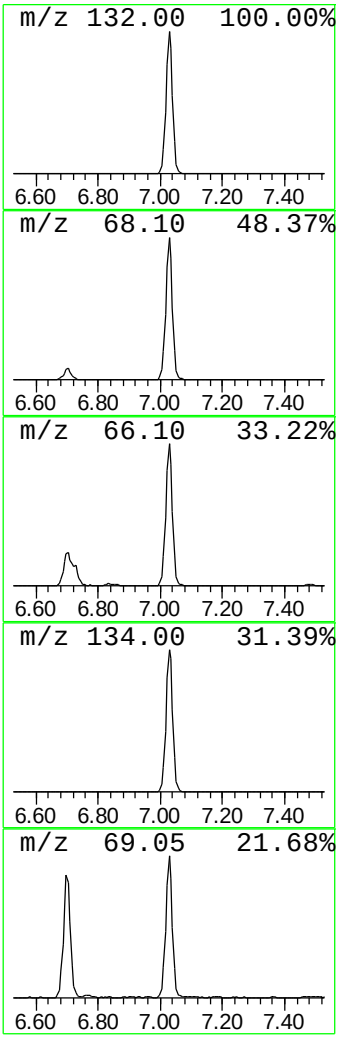
****

Peak Number 1 unknown7.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	86.35 ng	3875970	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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

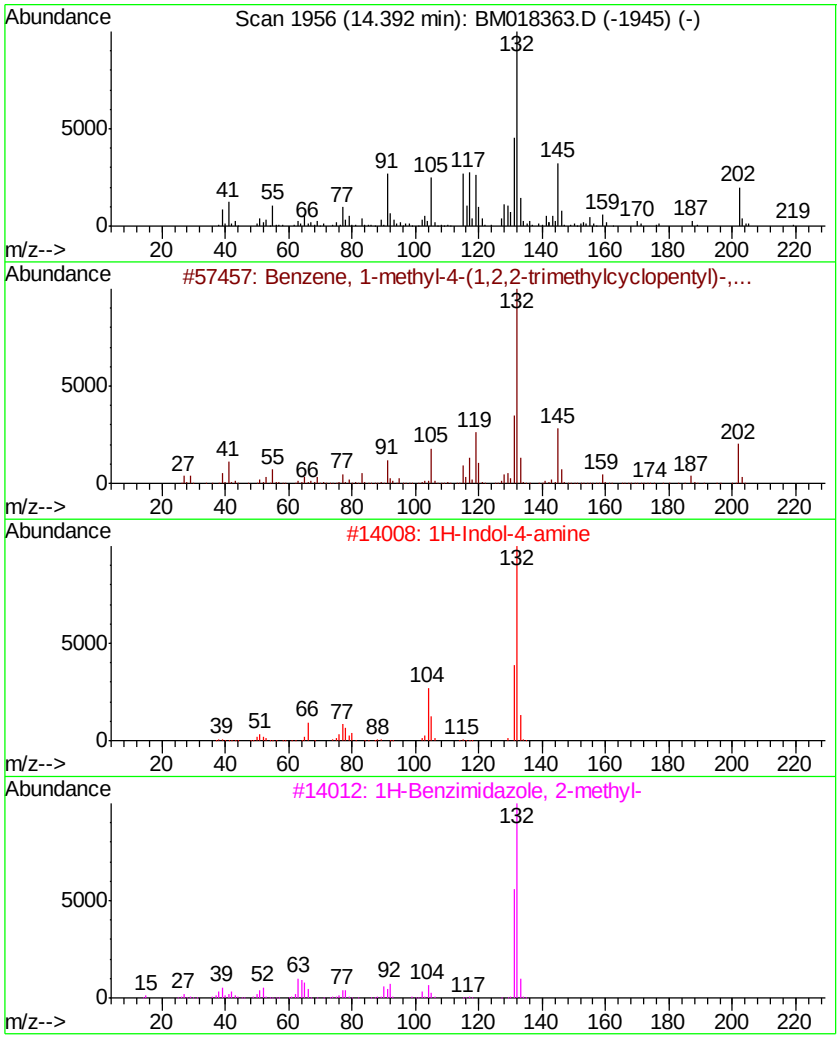
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

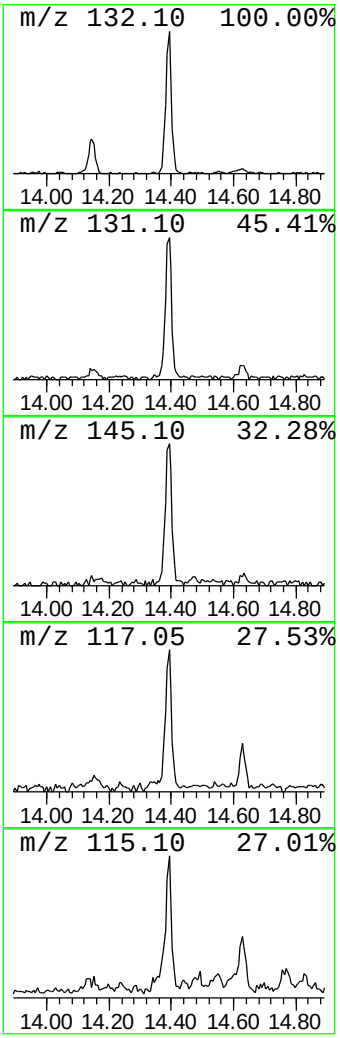
****

Peak Number 3 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.96 ng	572695	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	93
2	1H-Indol-4-amine	132	C8H8N2	005192-23-4	46
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	43
4	1-(2,4-Dimethylphenyl)-3-(tetrah...	218	C15H22O	1000215-25-2	43
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
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Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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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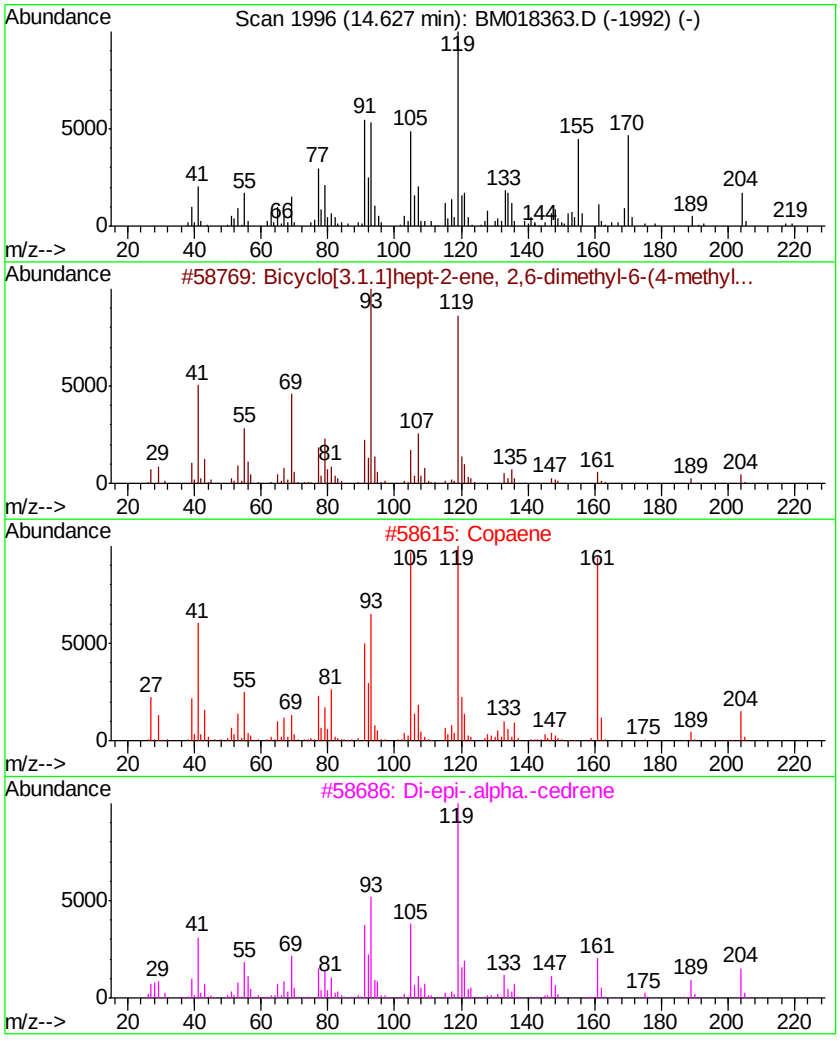
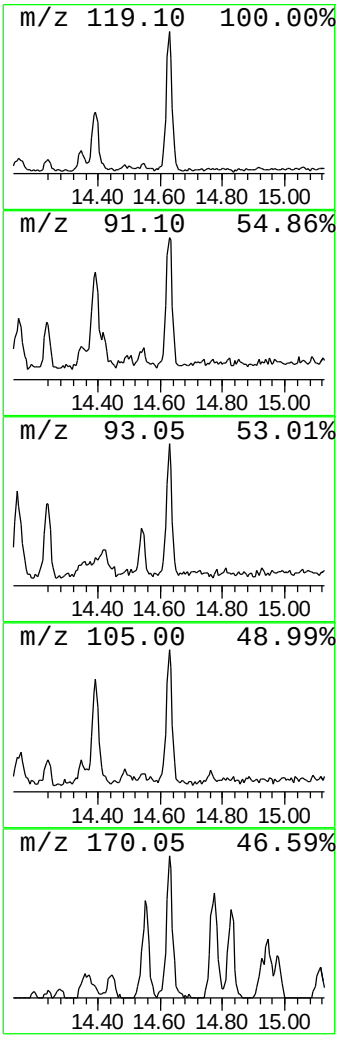
Peak Number 4 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	5.08 ng	417859	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	78
2	Copaene	204	C15H24	003856-25-5	49
3	Di-epi-.alpha.-cedrene	204	C15H24	1000156-13-3	46
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	46
5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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TIC Library : C:\DATABASE\NIST02.L
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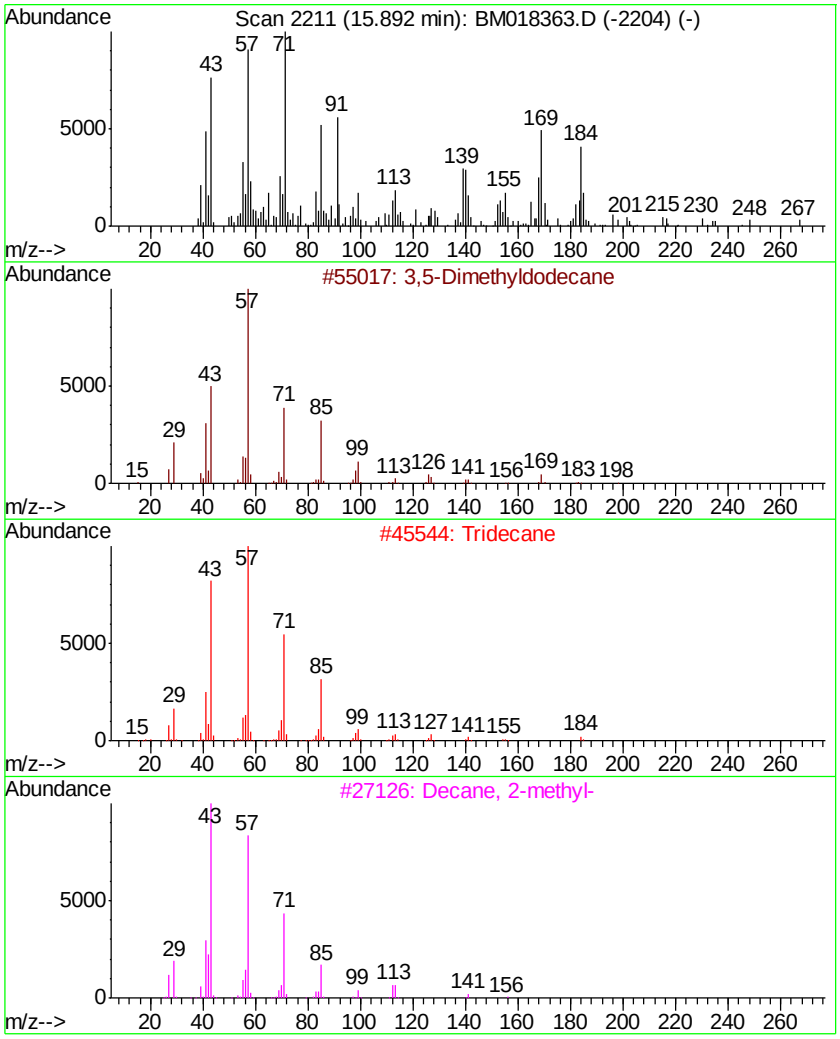
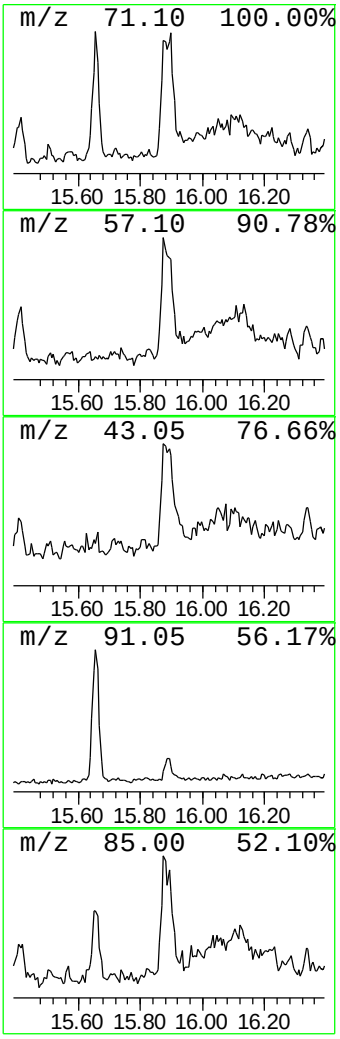
Peak Number 5 unknown15.89 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.25 ng	408314	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
2	Tridecane	184	C13H28	000629-50-5	42
3	Decane, 2-methyl-	156	C11H24	006975-98-0	38
4	Dodecane	170	C12H26	000112-40-3	38
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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

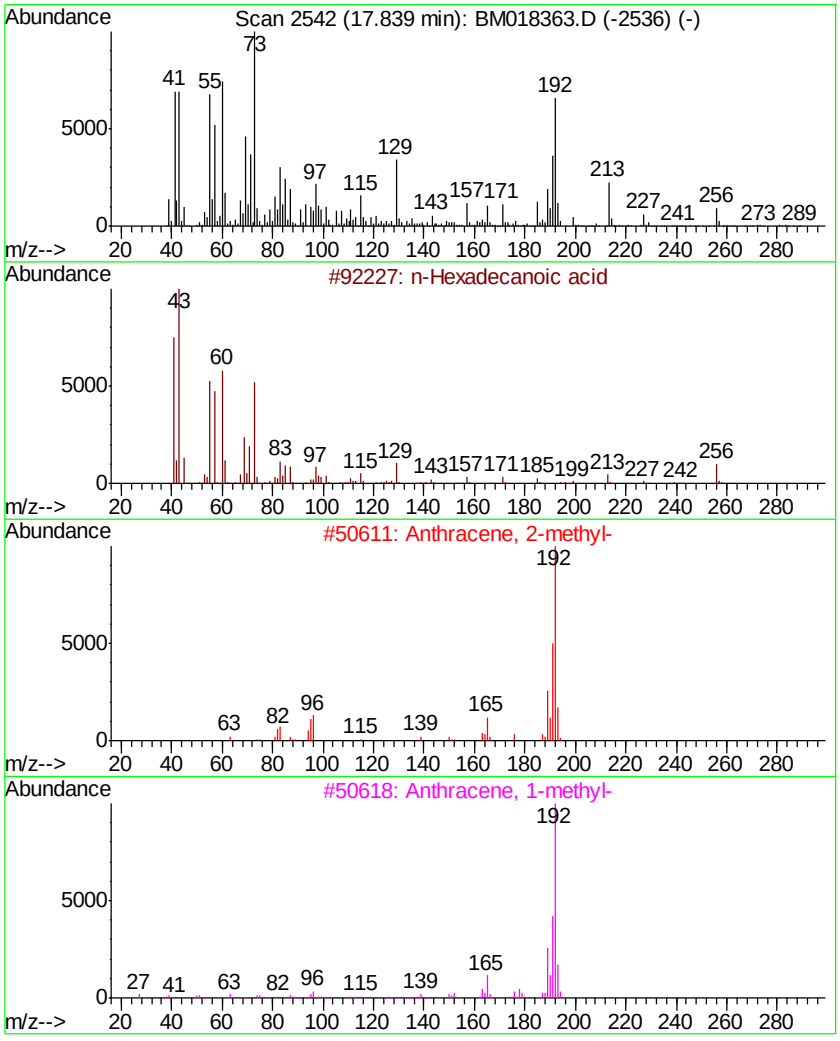
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

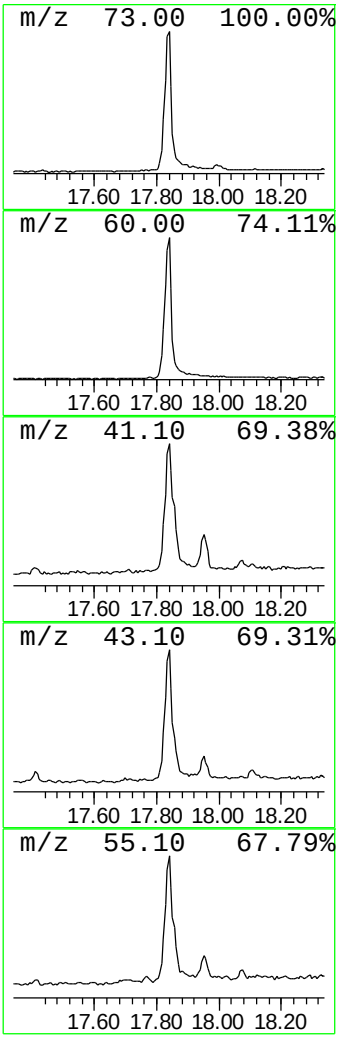
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	51.36 ng	3993280	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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

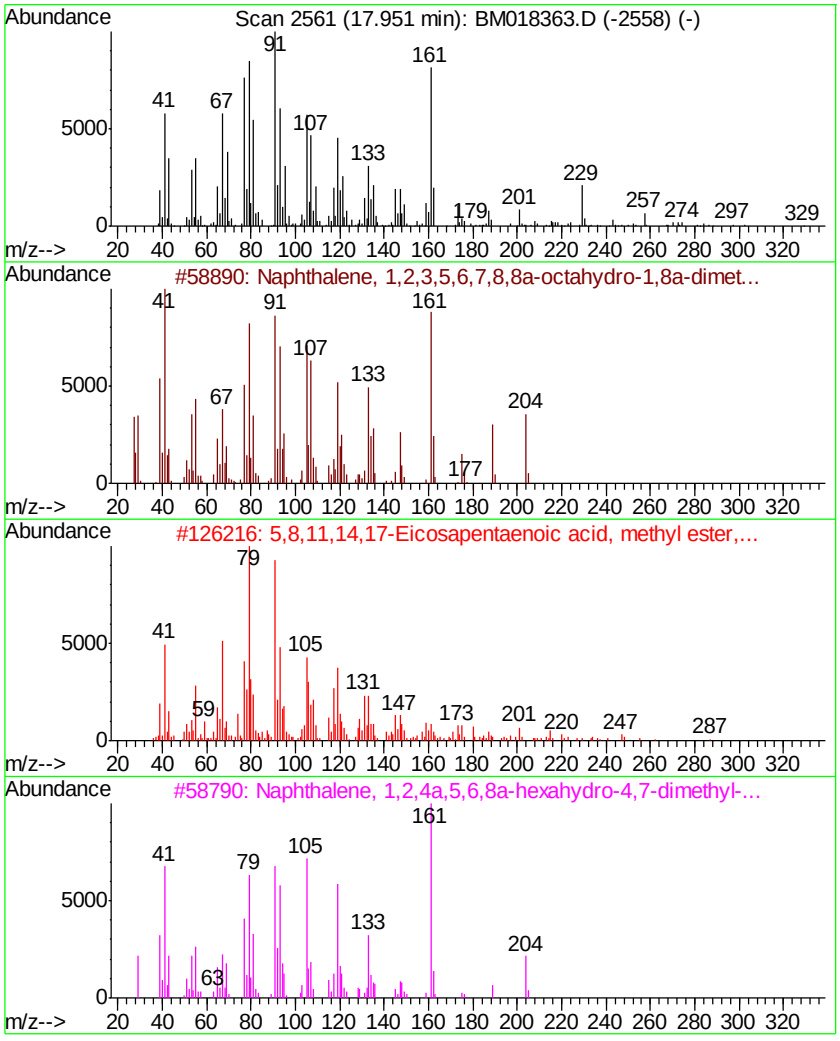
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

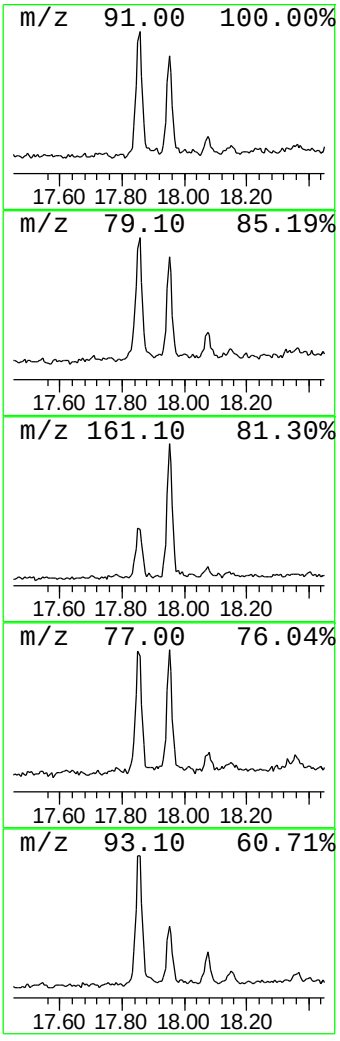
****

Peak Number 7 unknown17.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	10.09 ng	784783	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	38
2	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	35
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	27
4	Guaiol	222	C15H26O	000489-86-1	27
5	1-Naphthalenol, 1,2,3,4,4a,7,8,8...	222	C15H26O	019435-97-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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

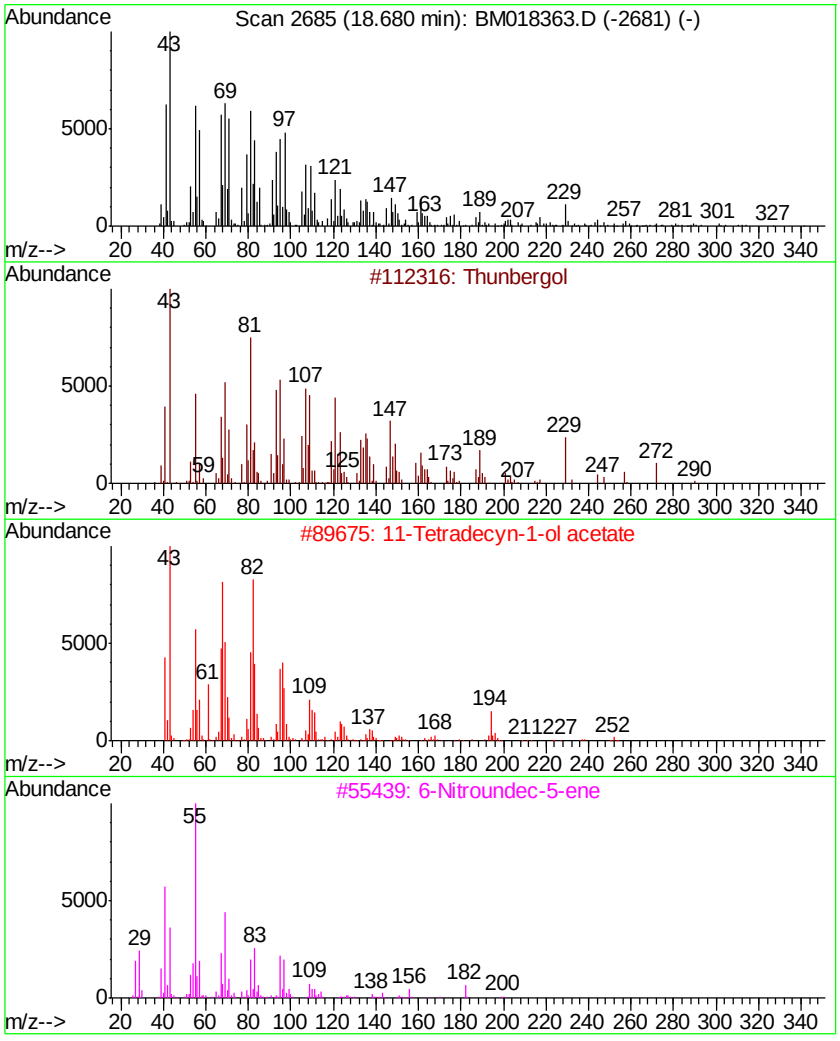
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

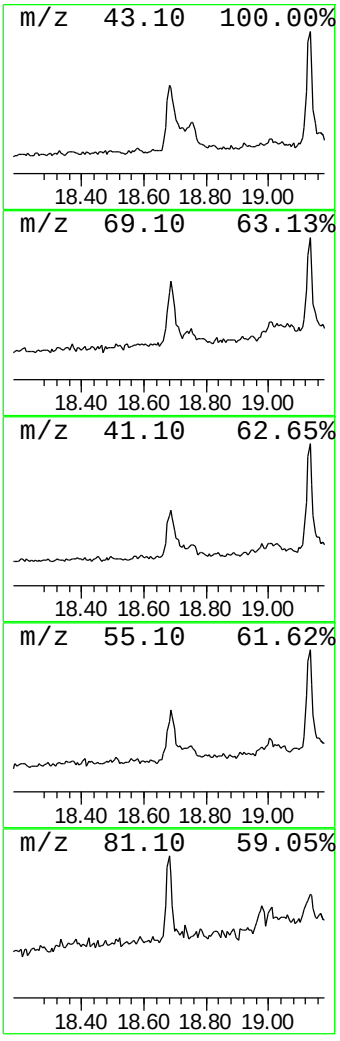
****

Peak Number 8 Thunbergol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	12.32 ng	958041	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thunbergol	290	C20H34O	025269-17-4	83
2	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	50
3	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	43
4	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	41
5	Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	41





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Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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

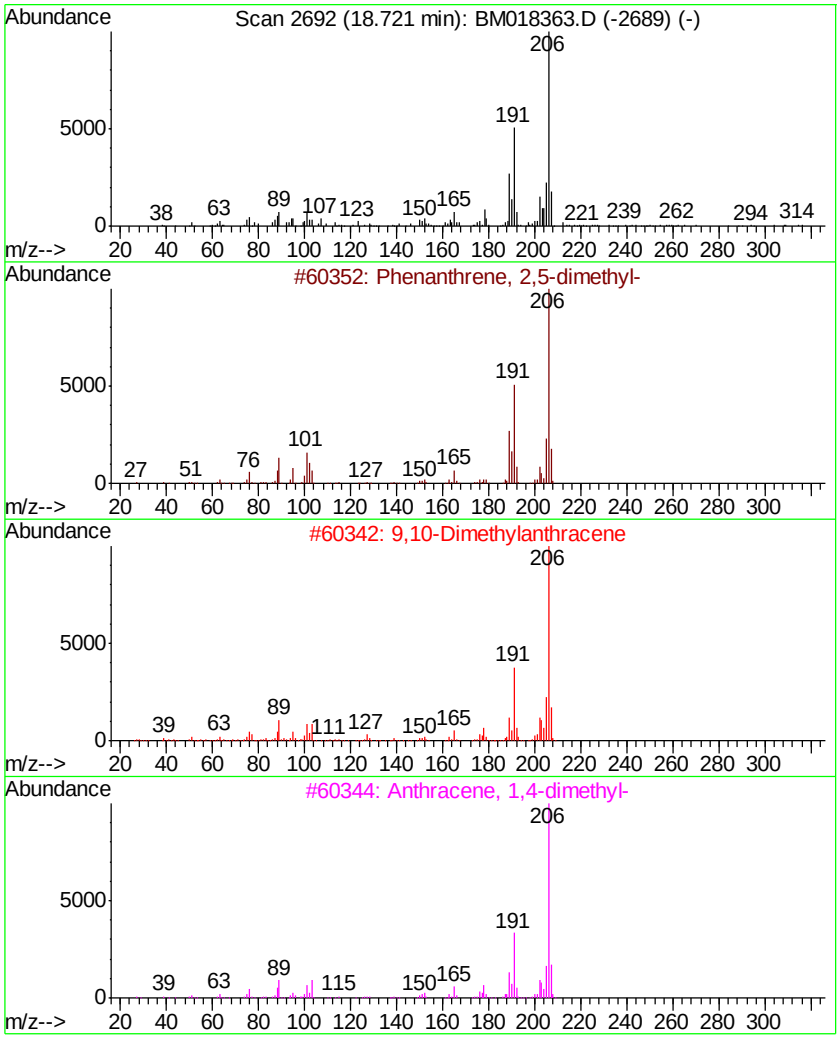
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

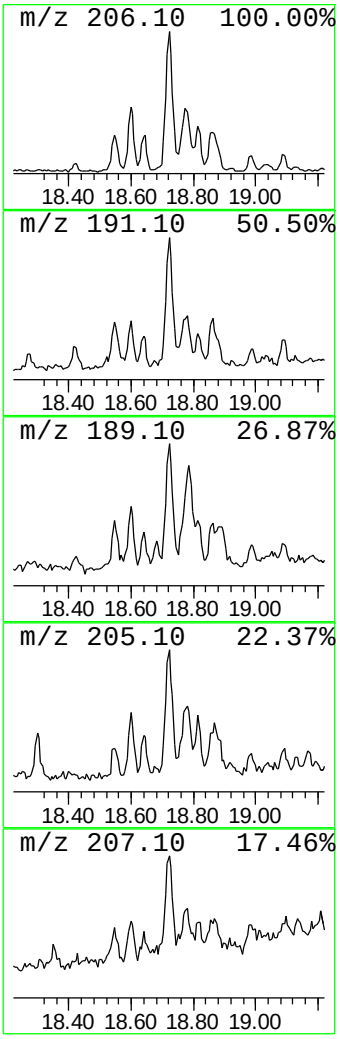
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.33 ng	492139	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Library Search Compound Report

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Sample : J6386-20
Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

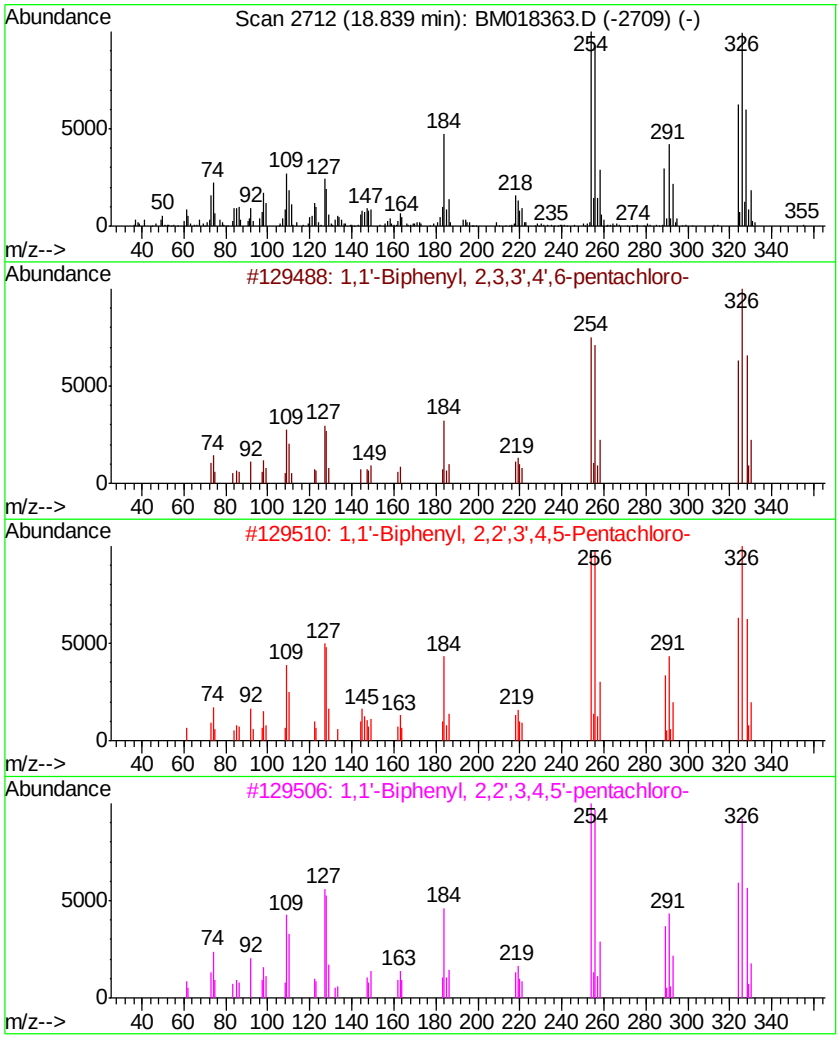
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

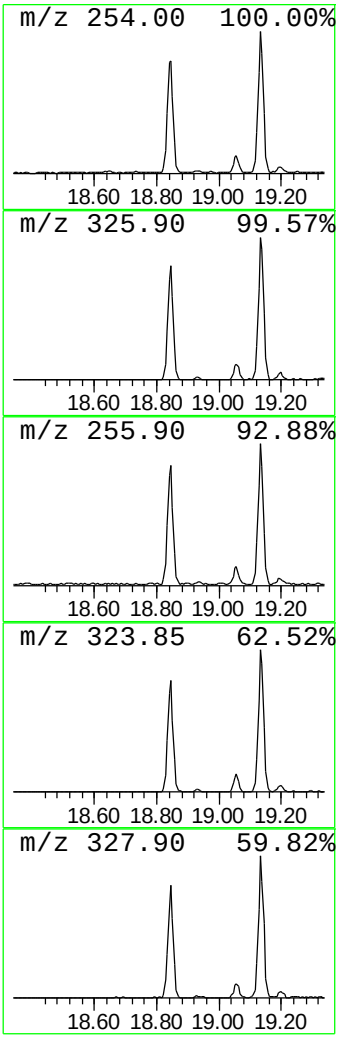
****

Peak Number 10 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	13.69 ng	1064410	Phenanthrene-d10	16.91

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',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	97





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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

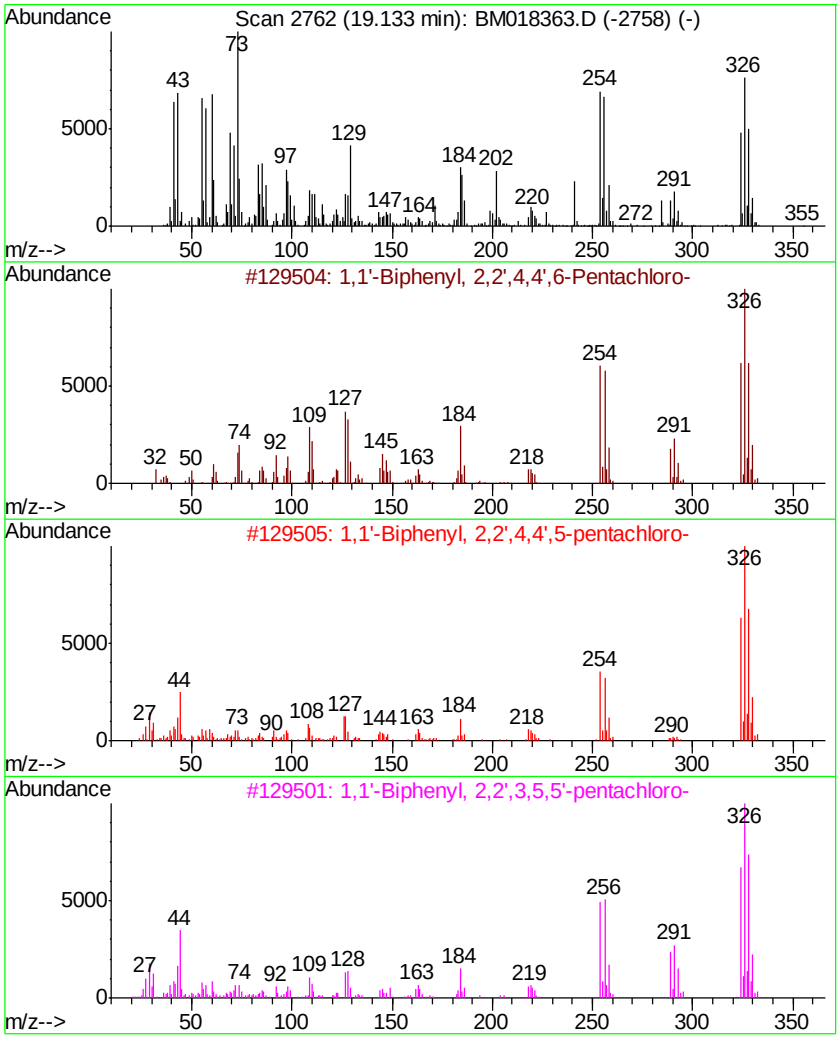
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

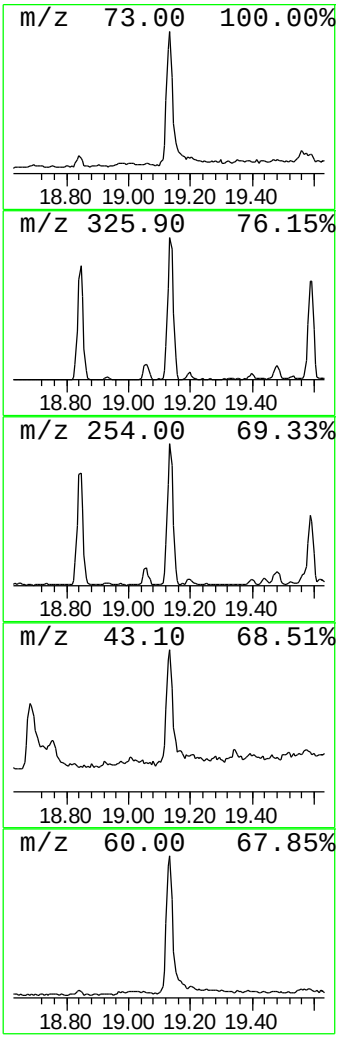
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.74 ng	2320810	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	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	95
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94





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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

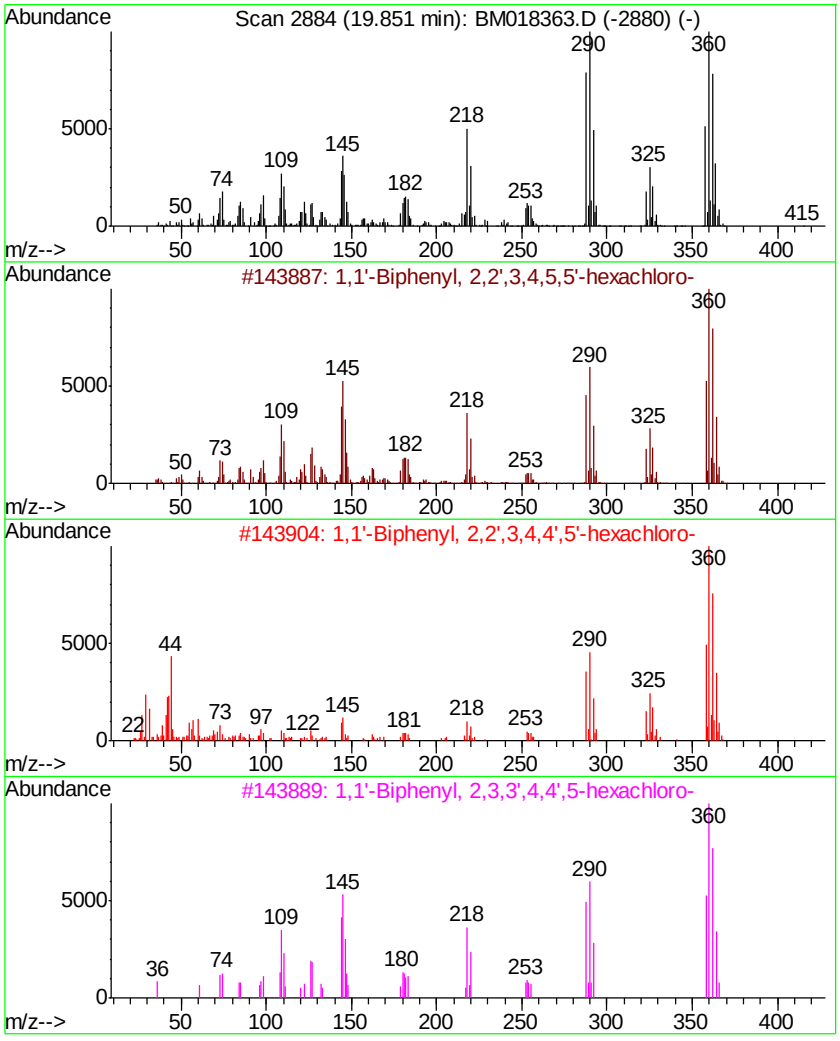
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

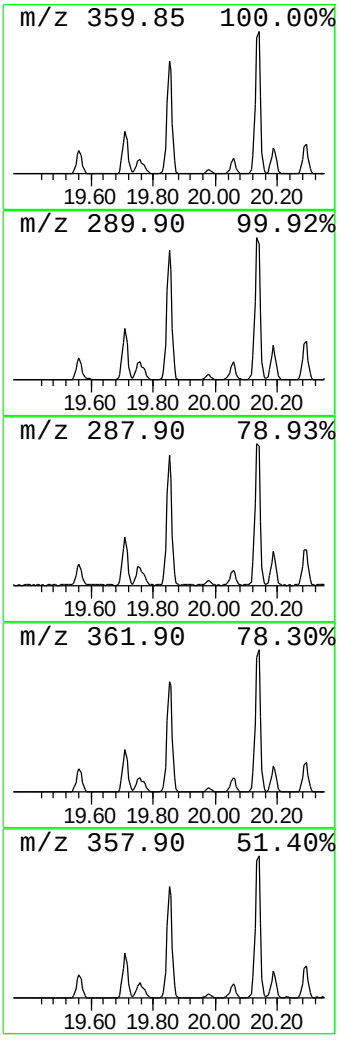
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	13.49 ng	4044900	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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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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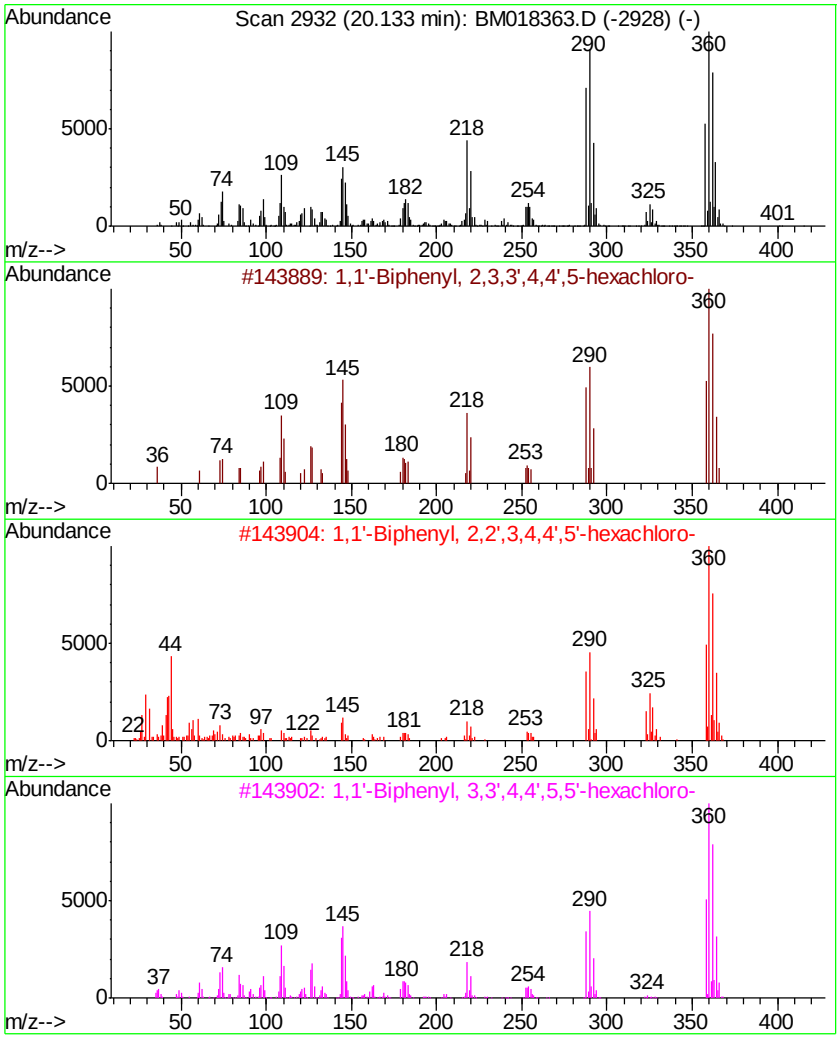
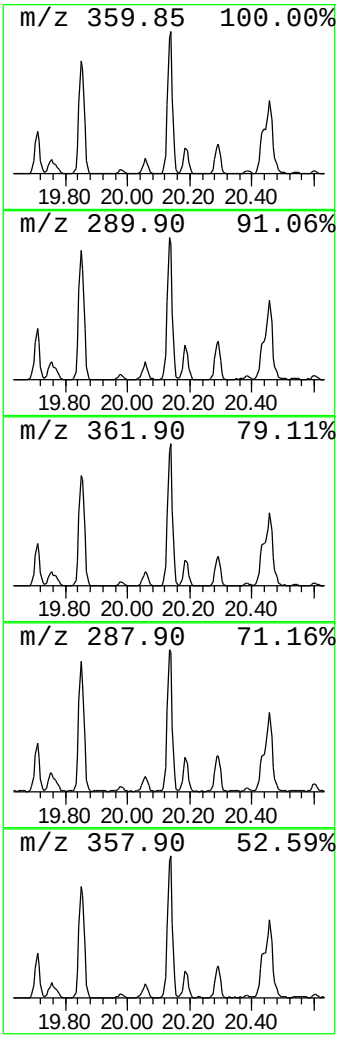
Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	12.60 ng	3776700	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	95





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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

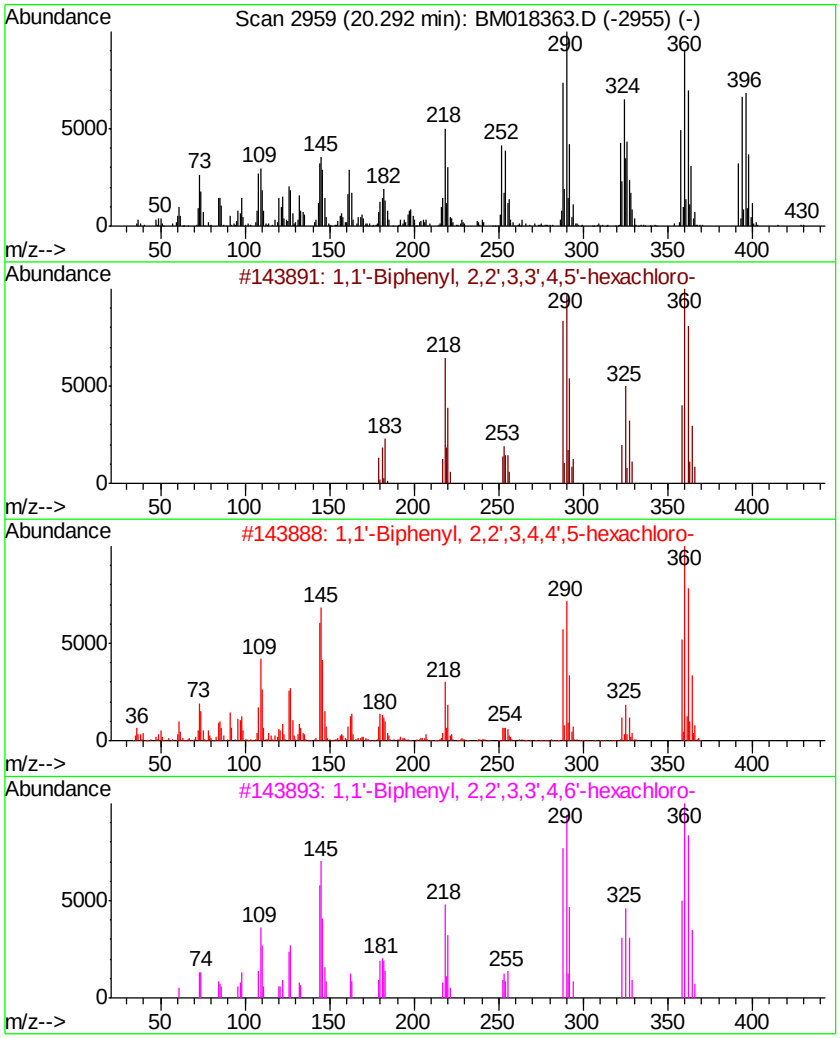
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

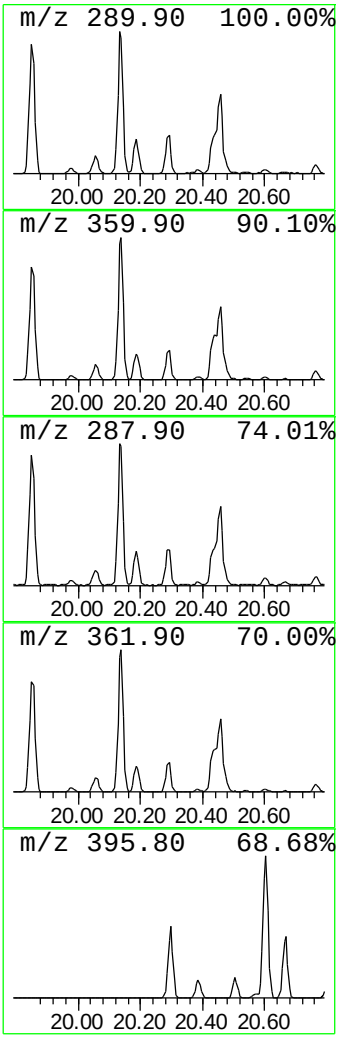
****

Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.91 ng	1771220	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	97
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	97
3	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	97
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	97
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97





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Sample : J6386-20
Misc :
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Instrument : BNA_M
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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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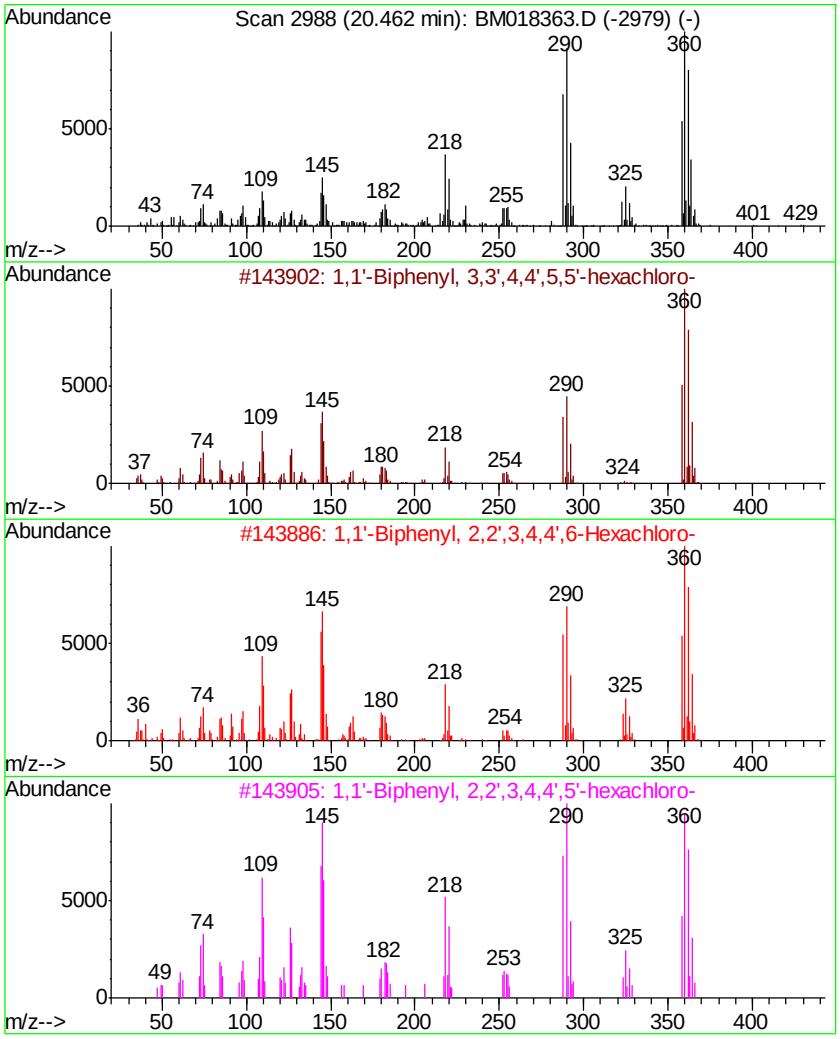
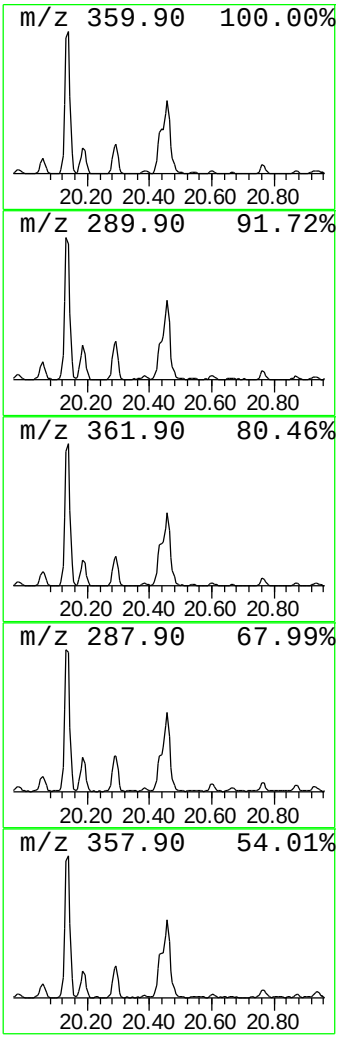
Peak Number 16 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	12.08 ng	3620710	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, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	98





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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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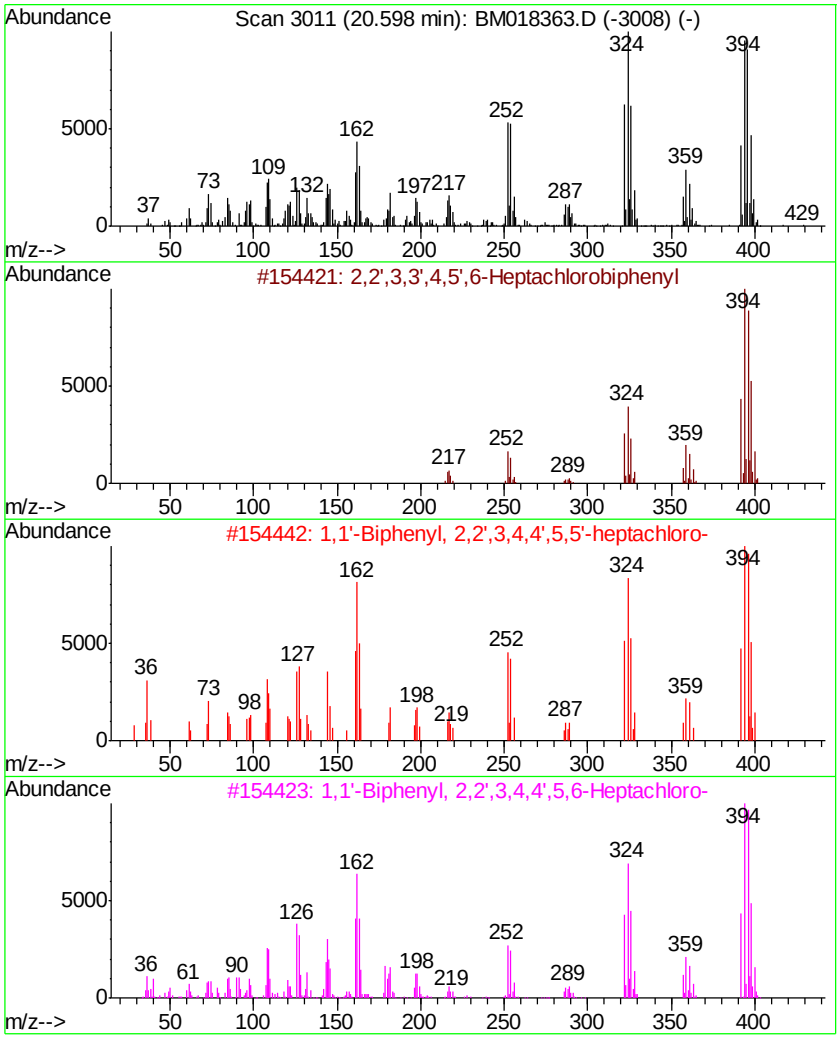
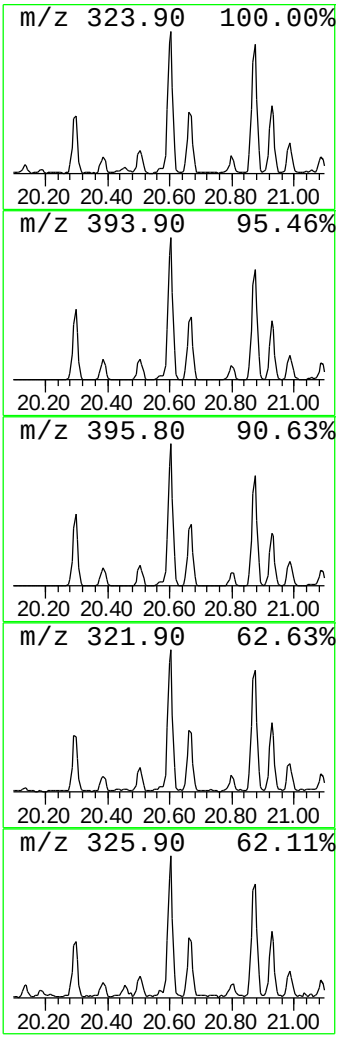
Peak Number 17 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	6.88 ng	2063260	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-H...	392	C12H3Cl7	074472-47-2	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99





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Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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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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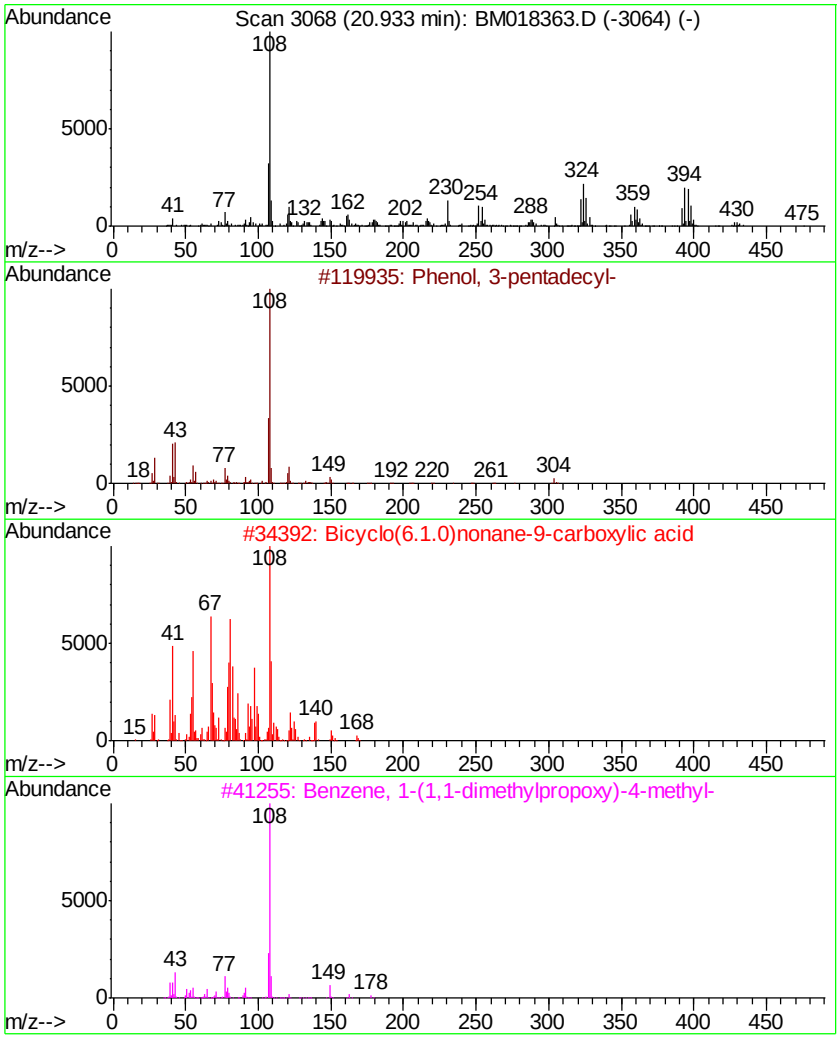
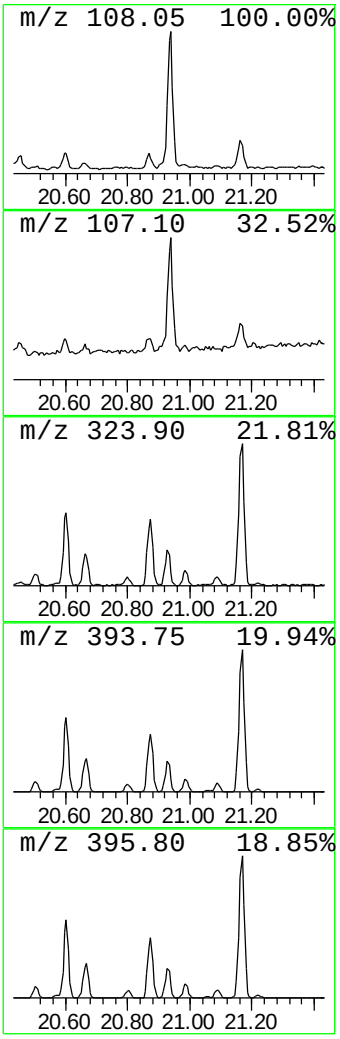
Peak Number 19 Phenol, 3-pentadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	6.64 ng	1989940	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-pentadecyl-	304	C21H36O	000501-24-6	55
2	Bicyclo(6.1.0)nonane-9-carboxyli...	168	C10H16O2	077841-63-5	42
3	Benzene, 1-(1,1-dimethylpropoxy)...	178	C12H18O	085709-98-4	27
4	2-Isobutyl-3-methylpyrazine	150	C9H14N2	013925-06-9	27
5	p-Cresyl isovalerate	192	C12H16O2	055066-56-3	27





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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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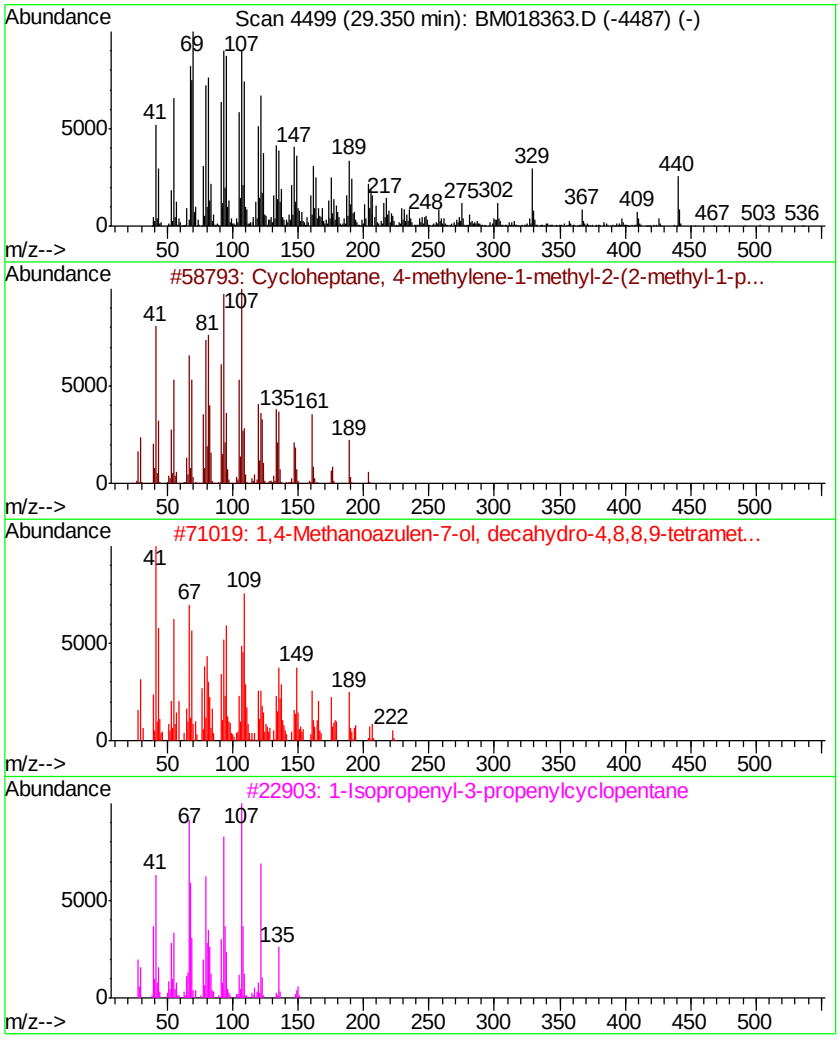
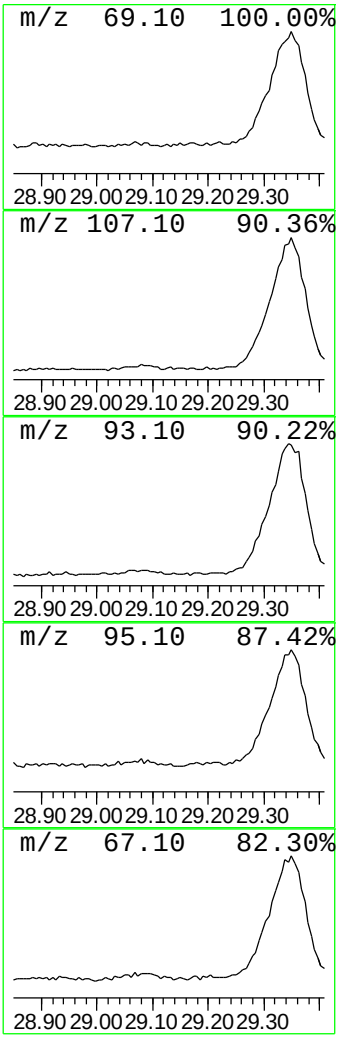
Peak Number 20 Cycloheptane, 4-methylene-1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.35	334.93 ng	10579900	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	60
2	1,4-Methanoazulen-7-ol, decahydr...	222	C15H26O	018319-27-2	41
3	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38
4	Iridomyrmecin	168	C10H16O2	000485-43-8	35
5	1,4-Methanocycloocta[d]pyridazin...	204	C13H20N2	1000221-85-9	30





Tentatively Identified Compound (LSC) summary

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Data File : BM018363.D
Acq On : 21 Dec 2018 18:50
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0612-01

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
unknown7.03	7.03	86.3	ng	3875970	1	7.48	897709	20.0
Benzene, 1-methyl...	14.39	7.0	ng	572695	3	14.15	1645960	20.0
Bicyclo[3.1.1]hep...	14.63	5.1	ng	417859	3	14.15	1645960	20.0
unknown15.89	15.89	5.3	ng	408314	4	16.91	1555080	20.0
n-Hexadecanoic acid	17.84	51.4	ng	3993280	4	16.91	1555080	20.0
unknown17.95	17.95	10.1	ng	784783	4	16.91	1555080	20.0
Thunbergol	18.68	12.3	ng	958041	4	16.91	1555080	20.0
Phenanthrene, 2,5...	18.72	6.3	ng	492139	4	16.91	1555080	20.0
1,1'-Biphenyl, 2,...	18.84	13.7	ng	1064410	4	16.91	1555080	20.0
1,1'-Biphenyl, 2,...	19.13	7.7	ng	2320810	5	21.14	5995900	20.0
1,1'-Biphenyl, 2,...	19.85	13.5	ng	4044900	5	21.14	5995900	20.0
1,1'-Biphenyl, 2,...	20.13	12.6	ng	3776700	5	21.14	5995900	20.0
1,1'-Biphenyl, 2,...	20.29	5.9	ng	1771220	5	21.14	5995900	20.0
1,1'-Biphenyl, 3,...	20.46	12.1	ng	3620710	5	21.14	5995900	20.0
2,2',3,3',4,5',6-...	20.60	6.9	ng	2063260	5	21.14	5995900	20.0
Phenol, 3-pentade...	20.93	6.6	ng	1989940	5	21.14	5995900	20.0
Cycloheptane, 4-m...	29.35	334.9	ng	10579900	6	23.32	631766	20.0