LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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	313	rBV	86929	120393	3.39%	0.218%
2	5.128	374	381	400	rBV	2198588	3121893	87.92%	5.646%
3	5.522	439	448	453	rBV4	18337	35986	1.01%	0.065%
4	6.704	642	649	662	rBV	1937580	3390695	95.49%	6.133%
5	7.028	697	704	712	rBV	2234929	3388194	95.42%	6.128%
6	7.481	773	781	790	rBV	516039	791799	22.30%	1.432%
7	7.792	823	834	843	rBV	1615022	2528401	71.21%	4.573%
8	8.287	912	918	930	rBV2	38286	93490	2.63%	0.169%
9	8.645	970	979	989	rBV	1195372	2014478	56.73%	3.643%
10	9.475	1115	1120	1125	rBV2	26363	47951	1.35%	0.087%
11	9.622	1130	1145	1155	rBV	147713	420545	11.84%	0.761%
12	10.116	1224	1229	1236	rVB2	39400	63070	1.78%	0.114%
13	10.245	1244	1251	1257	rBV	557939	950357	26.76%	1.719%
14	10.298	1257	1260	1267	rVB	31443	56525	1.59%	0.102%
15	11.092	1391	1395	1403	rVB8	21500	41917	1.18%	0.076%
16	11.927	1532	1537	1540	rBV	39935	58653	1.65%	0.106%
17	12.092	1555	1565	1584	rBV	560657	2195494	61.83%	3.971%
18	12.222	1584	1587	1595	rVB2	78387	170697	4.81%	0.309%
19	12.522	1634	1638	1643	rVB4	30196	48372	1.36%	0.087%
20	12.751	1670	1677	1688	rVB	2261111	3384963	95.33%	6.122%
21	12.922	1701	1706	1711	rBV	76856	124371	3.50%	0.225%
22	13.080	1726	1733	1744	rBV	130217	266693	7.51%	0.482%
23	13.310	1766	1772	1779	rBV7	28044	70734	1.99%	0.128%
24	13.457	1792	1797	1802	rVB3	46221	85691	2.41%	0.155%
25	13.510	1803	1806	1815	rVB4	38390	74796	2.11%	0.135%
26	13.616	1816	1824	1833	rVV2	168095	345842	9.74%	0.626%
27	13.698	1833	1838	1847	rVB4	35082	84520	2.38%	0.153%
28	13.863	1861	1866	1871	rBV	133008	192598	5.42%	0.348%
29	14.045	1891	1897	1902	rBV5	39476	83064	2.34%	0.150%
30	14.145	1907	1914	1921	rBV2	708832	1088348	30.65%	1.968%
31	14.433	1959	1963	1967	rBV2	38343	67225	1.89%	0.122%
32	14.468	1967	1969	1975	rVV6	35577	56872	1.60%	0.103%
33	14.551	1979	1983	1987	rVV4	29531	42032	1.18%	0.076%
34	14.627	1993	1996	2001	rVB3	32647	48748	1.37%	0.088%

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Sample : J6386-19
Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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

35	14.763	2012	2019	2025	rBV7	36943	82859	2.33%	0.150%
36	14.933	2042	2048	2049	rBV5	24246	45602	1.28%	0.082%
37	15.204	2090	2094	2106	rVB5	38165	84480	2.38%	0.153%
38	15.657	2165	2171	2178	rBV	1773169	2477923	69.78%	4.482%
39	15.892	2205	2211	2220	rBV7	53343	123259	3.47%	0.223%
40	16.210	2260	2265	2271	rBV6	38979	98710	2.78%	0.179%
41	16.333	2283	2286	2295	rVB10	58510	109471	3.08%	0.198%
42	16.574	2325	2327	2331	rVB4	30972	38524	1.08%	0.070%
43	16.621	2333	2335	2338	rBV4	28417	37013	1.04%	0.067%
44	16.727	2350	2353	2359	rVB3	40722	63071	1.78%	0.114%
45	16.909	2379	2384	2388	rBV	771767	1084136	30.53%	1.961%
46	16.951	2388	2391	2396	rVB	408009	567807	15.99%	1.027%
47	17.045	2403	2407	2411	rBV	95524	125902	3.55%	0.228%
48	17.098	2412	2416	2424	rVB	52504	109301	3.08%	0.198%
49	17.433	2470	2473	2479	rVB	50333	74829	2.11%	0.135%
50	17.786	2530	2533	2536	rBV	116027	143467	4.04%	0.259%
51	17.833	2536	2541	2549	rVB2	619293	983903	27.71%	1.780%
52	17.974	2562	2565	2571	rBV2	121855	207086	5.83%	0.375%
53	18.845	2709	2713	2723	rVB5	278636	472314	13.30%	0.854%
54	18.986	2733	2737	2745	rBV	295605	450658	12.69%	0.815%
55	19.133	2757	2762	2770	rBV3	572758	935379	26.34%	1.692%
56	19.356	2796	2800	2803	rBV	466175	585631	16.49%	1.059%
57	19.398	2803	2807	2811	rVV	593885	764006	21.52%	1.382%
58	19.568	2831	2836	2842	rBV	2632368	3550821	100.00%	6.422%
59	19.703	2856	2859	2864	rVB3	506485	623887	17.57%	1.128%
60	19.750	2864	2867	2874	rBV3	188396	290745	8.19%	0.526%
61	19.850	2879	2884	2889	rVB2	1457727	1845805	51.98%	3.338%
62	20.133	2928	2932	2936	rBV	1644906	1928734	54.32%	3.488%
63	20.186	2938	2941	2950	rVB2	363824	469311	13.22%	0.849%
64	20.292	2955	2959	2964	rVB2	664252	887022	24.98%	1.604%
65	20.380	2972	2974	2979	rVB5	168079	196030	5.52%	0.355%
66	20.450	2979	2986	2992	rBV	1034959	1964010	55.31%	3.552%
67	20.597	3008	3011	3018	rVB2	899923	964800	27.17%	1.745%
68	20.662	3019	3022	3026	rBV	344856	370431	10.43%	0.670%
69	20.868	3052	3057	3062	rVB2	989902	1594057	44.89%	2.883%
70	20.927	3064	3067	3072	rVB3	487259	612543	17.25%	1.108%
71	21.162	3104	3107	3114	rVB2	1802678	2433173	68.52%	4.401%

LSC Area Percent Report

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Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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

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Peak separation: 5

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

72	21.474	3156	3160	3164	rBV	681559	872320	24.57%	1.578%
73	21.592	3177	3180	3184	rVB3	369944	407411	11.47%	0.737%
74	23.309	3469	3472	3477	rVB	709605	1058160	29.80%	1.914%

Sum of corrected areas: 55289998

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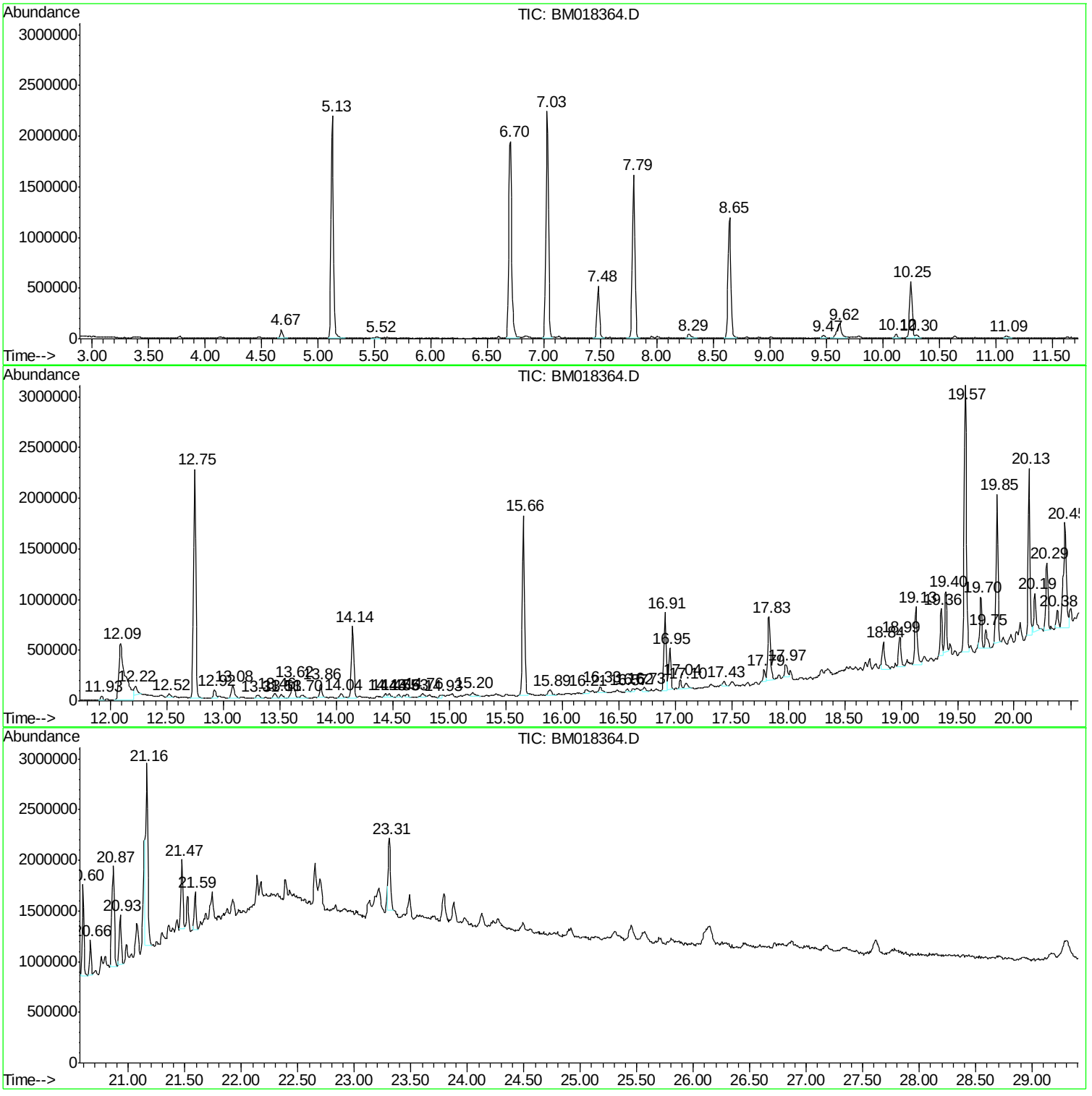
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

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\
Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
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Sample : J6386-19
Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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

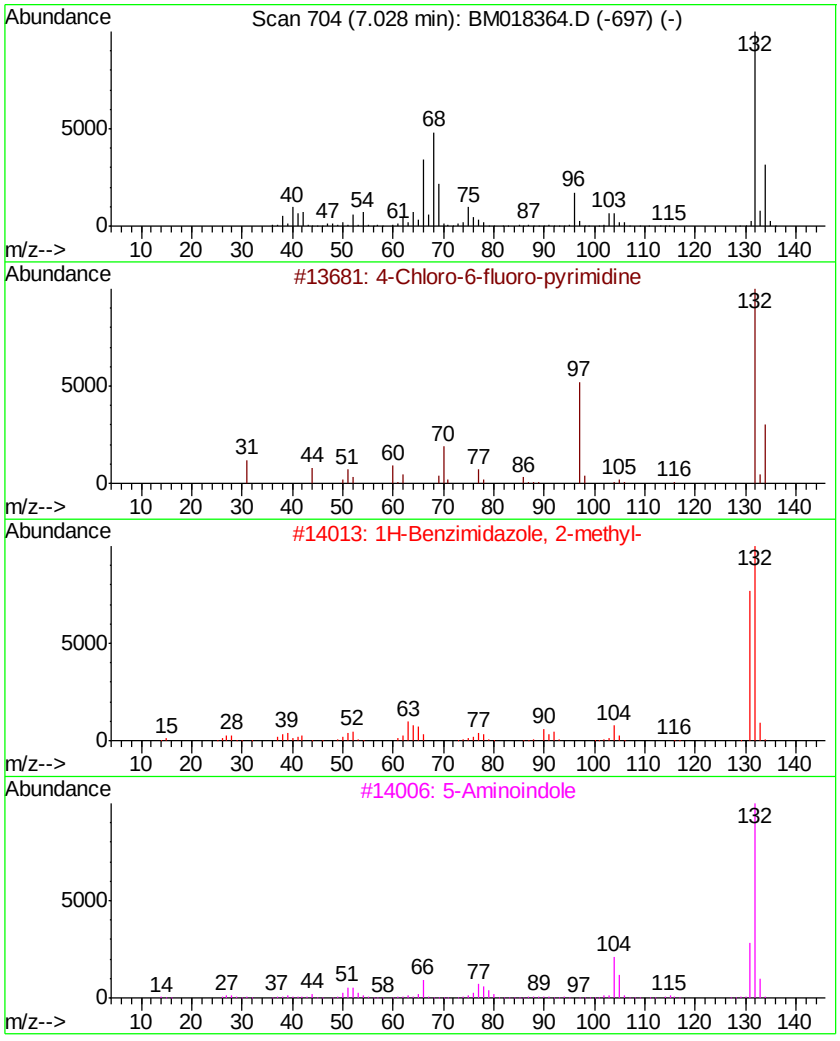
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

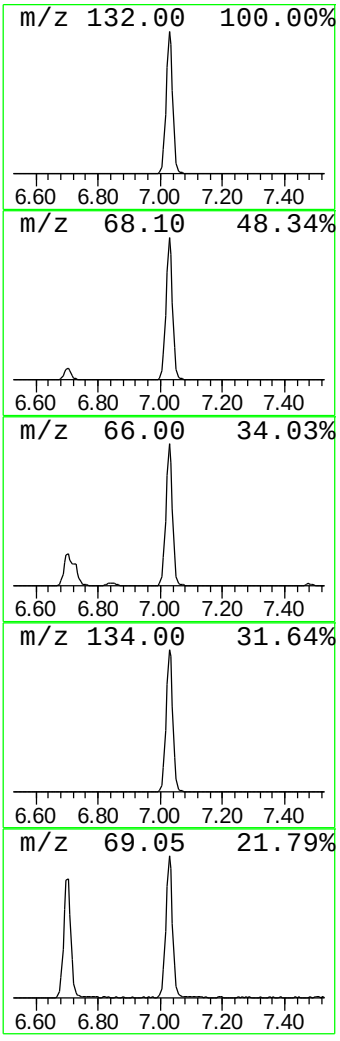
****

Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	85.58 ng	3388190	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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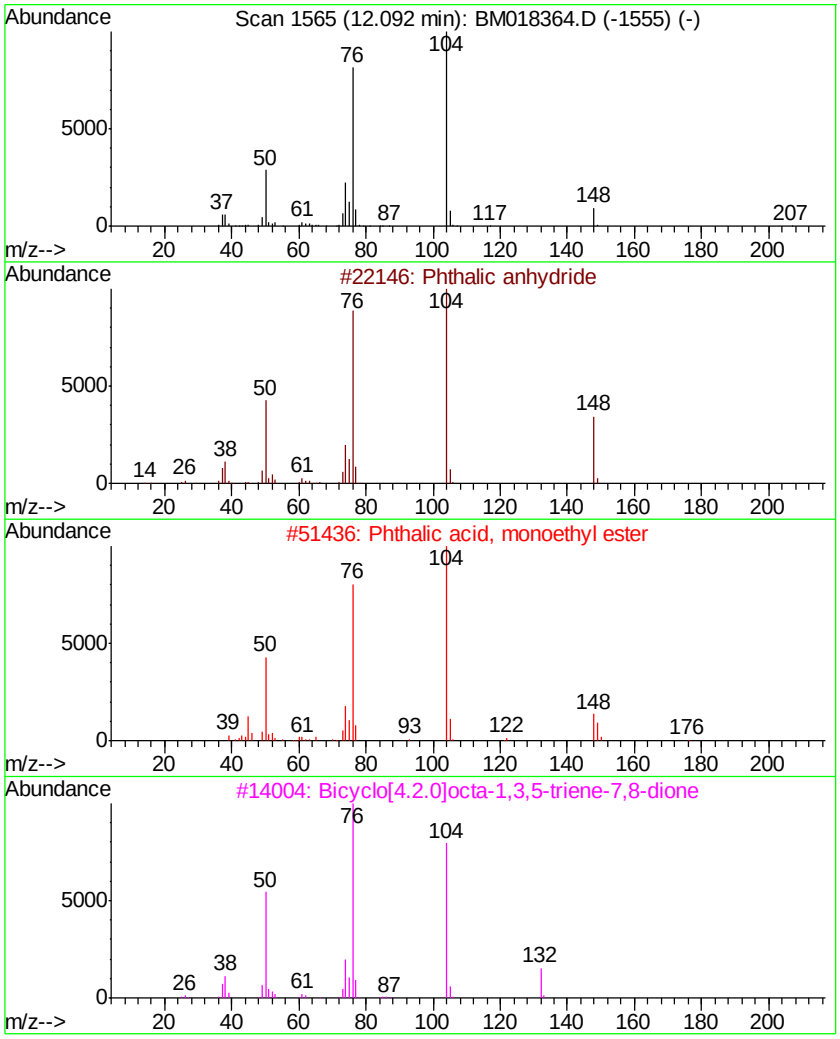
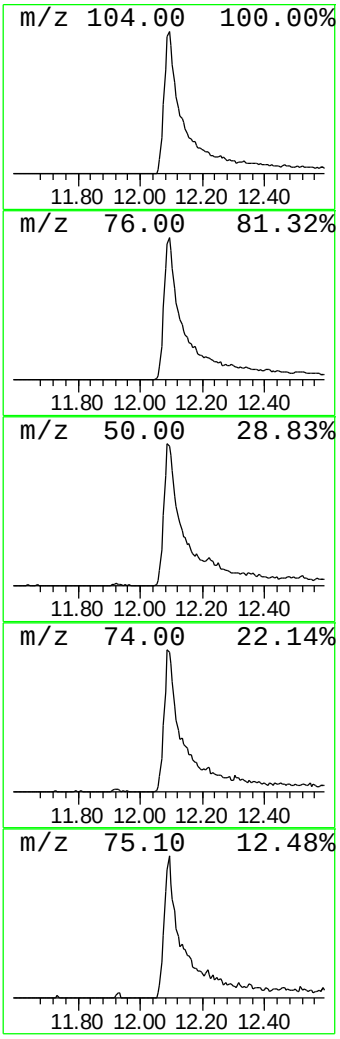
Peak Number 4 Phthalic anhydride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	46.20 ng	2195490	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
5	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78





Library Search Compound Report

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Acq On : 21 Dec 2018 19:27
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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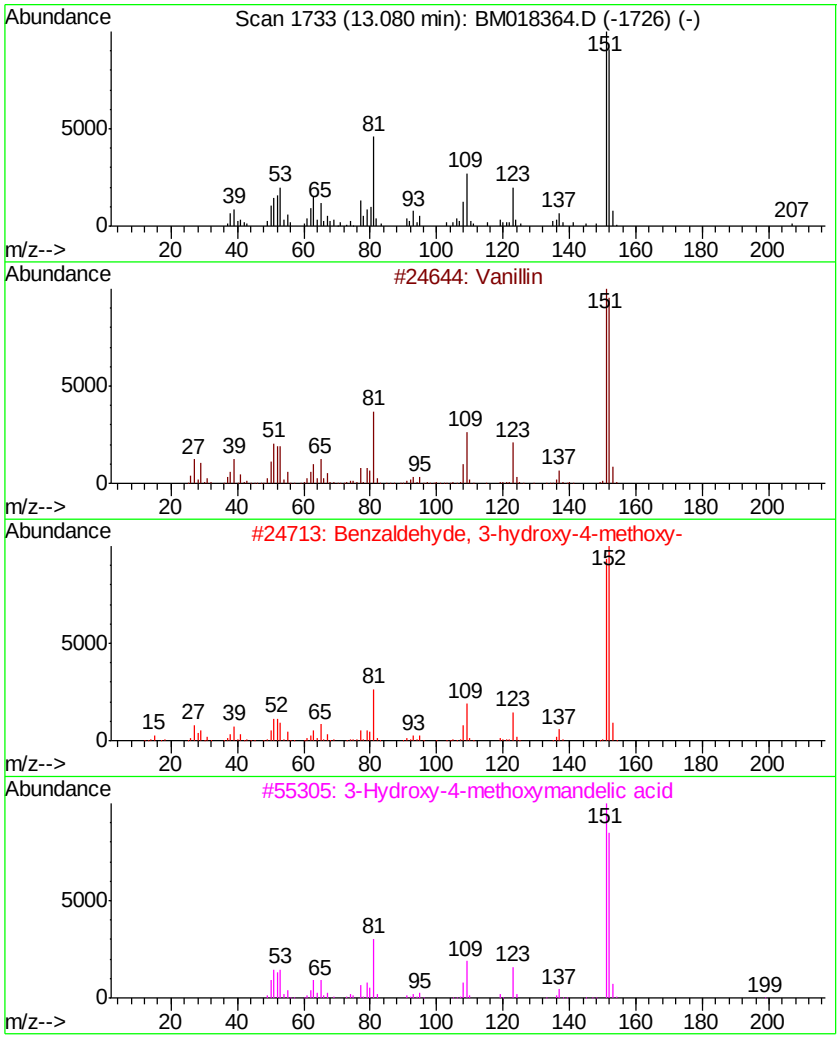
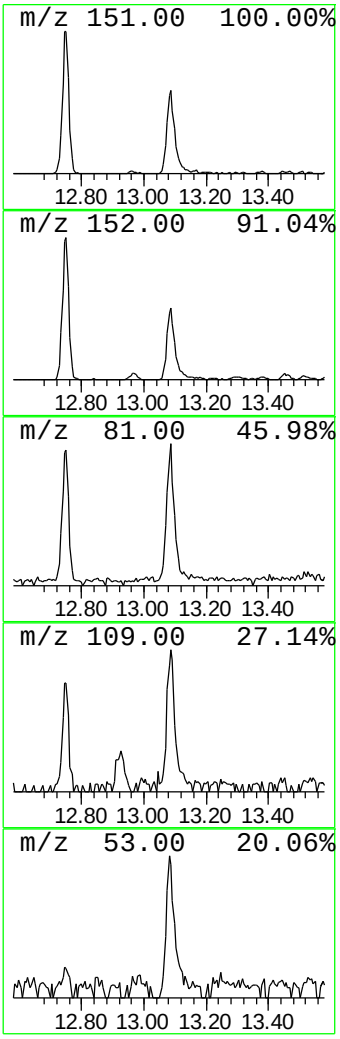
Peak Number 5 Vanillin Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.90 ng	266693	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	87
4	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	58
5	3-Methoxy-4-propoxybenzaldehyde	194	C11H14O3	057695-98-4	47





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ClientSampleId : P001-SS008-0006-01

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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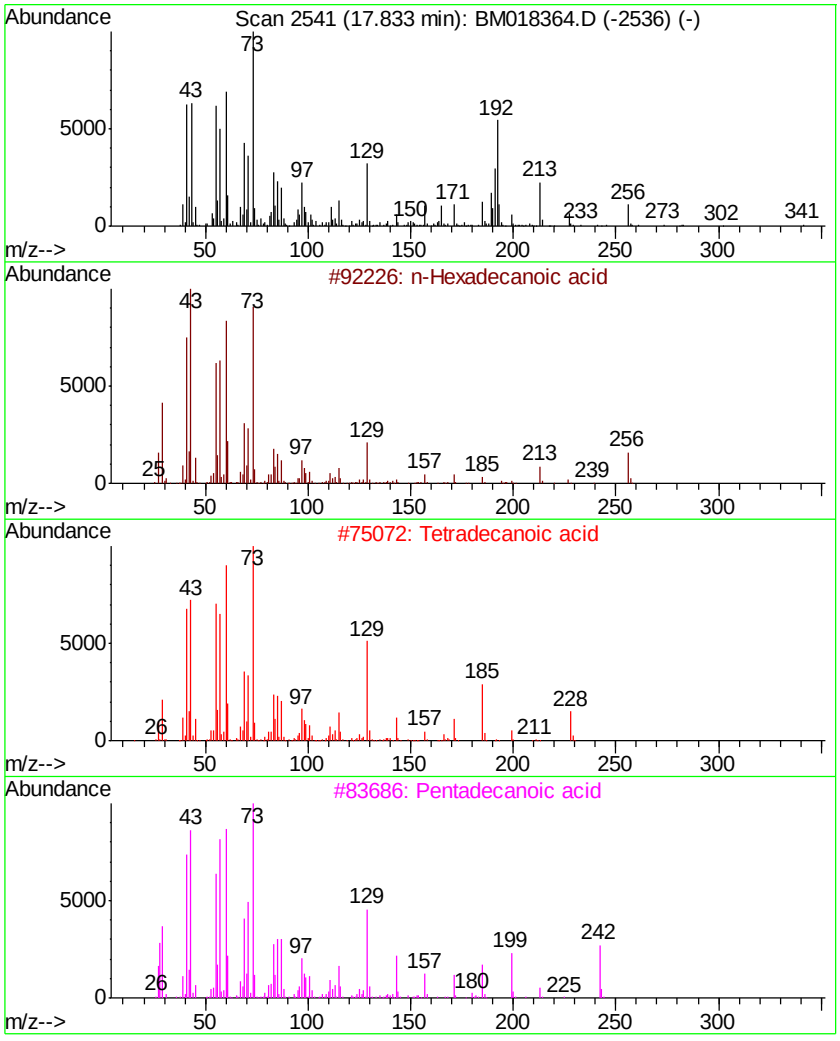
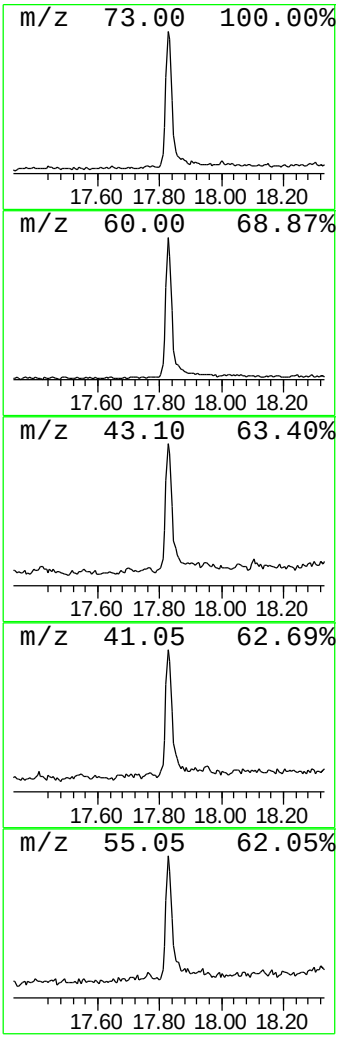
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	18.15 ng	983903	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25





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Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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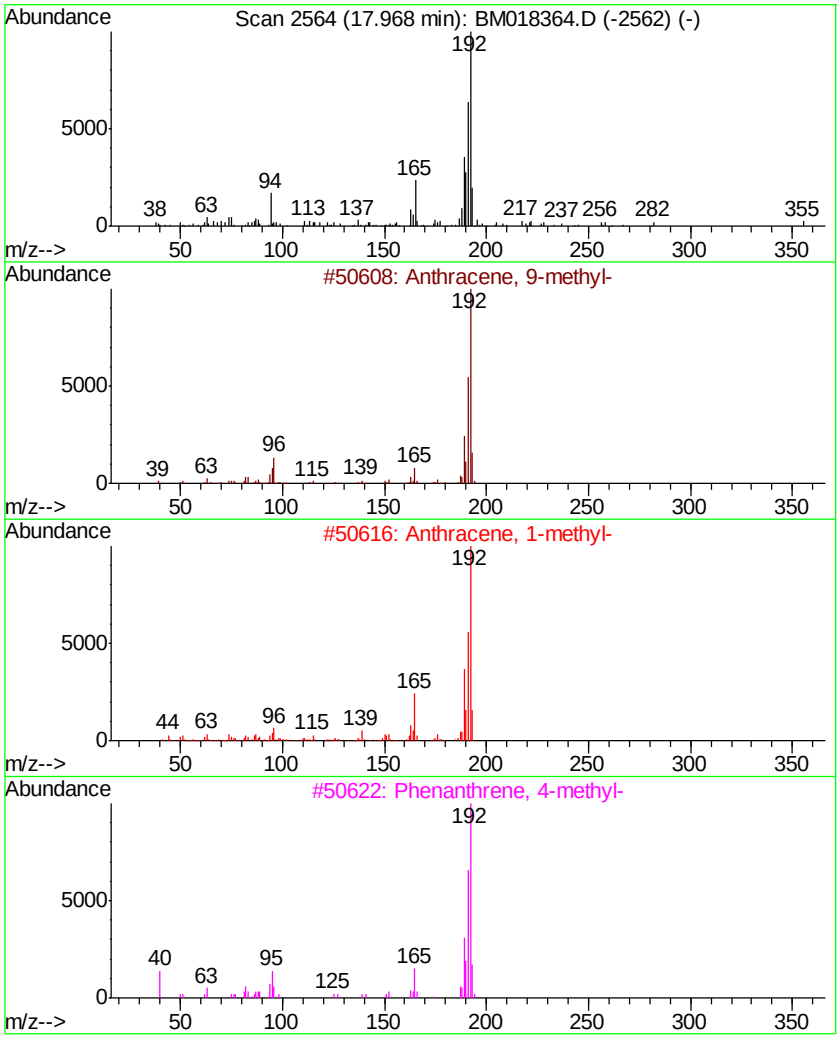
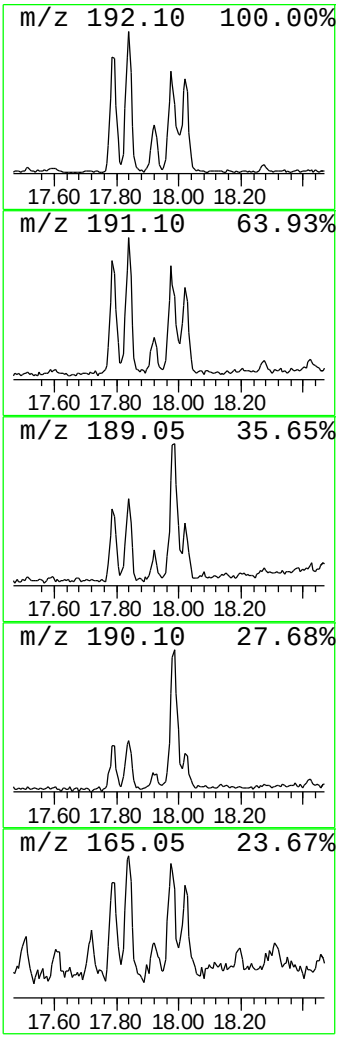
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.82 ng	207086	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53





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Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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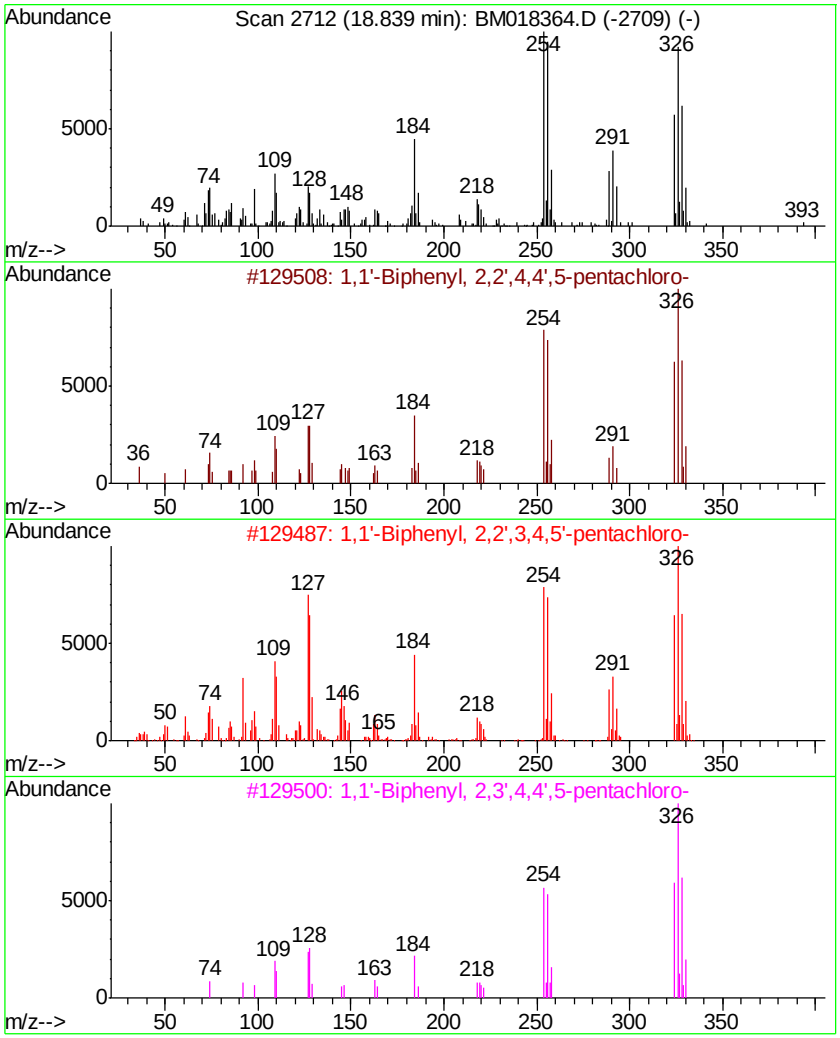
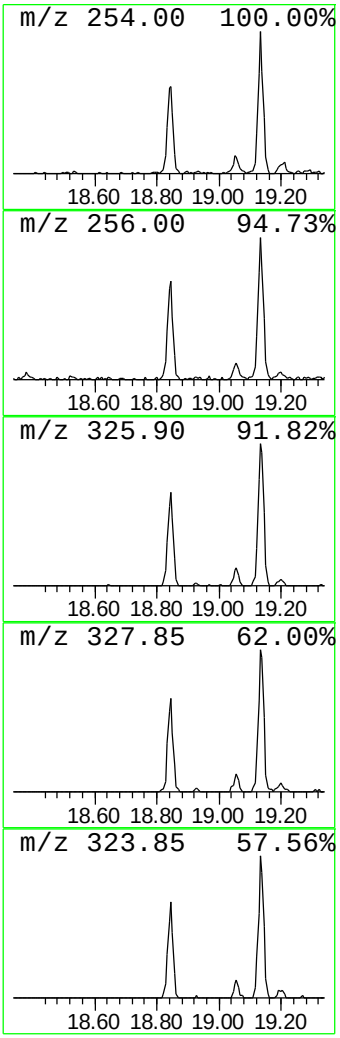
Peak Number 8 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	8.71 ng	472314	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	038380-02-8	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95





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Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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

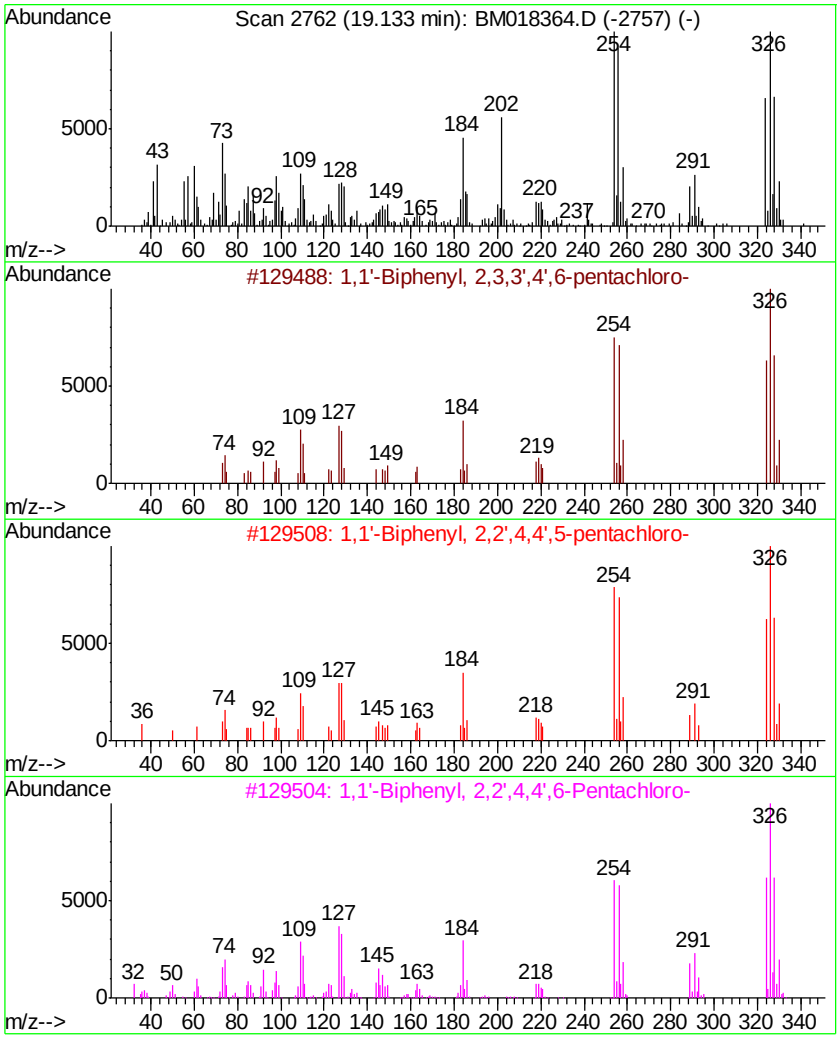
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

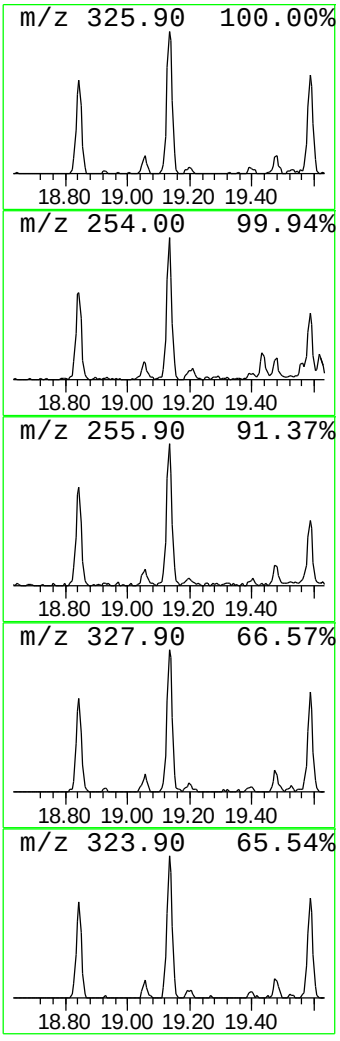
****

Peak Number 9 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.69 ng	935379	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',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95





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Sample : J6386-19
Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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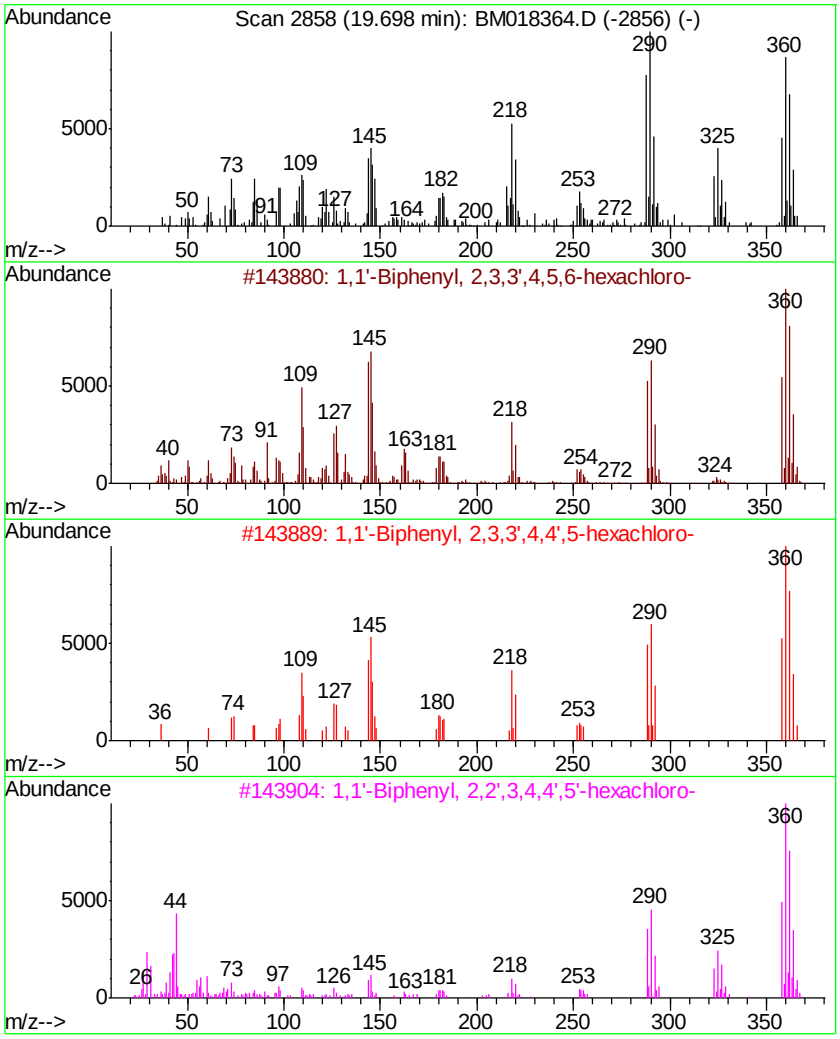
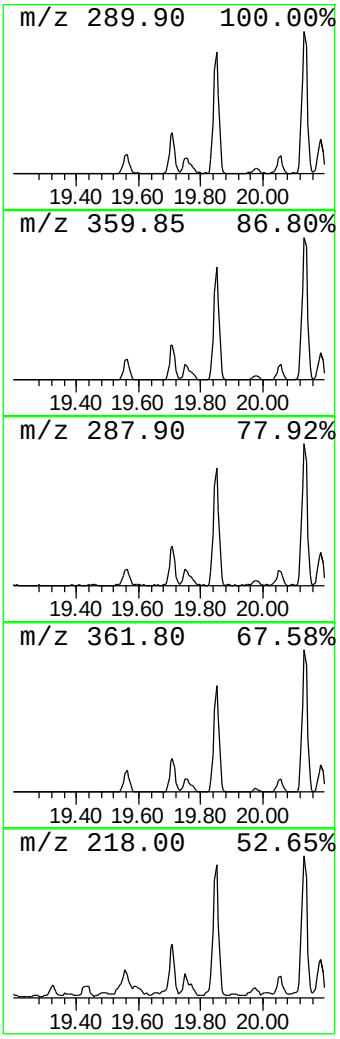
Peak Number 10 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	5.13 ng	623887	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





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Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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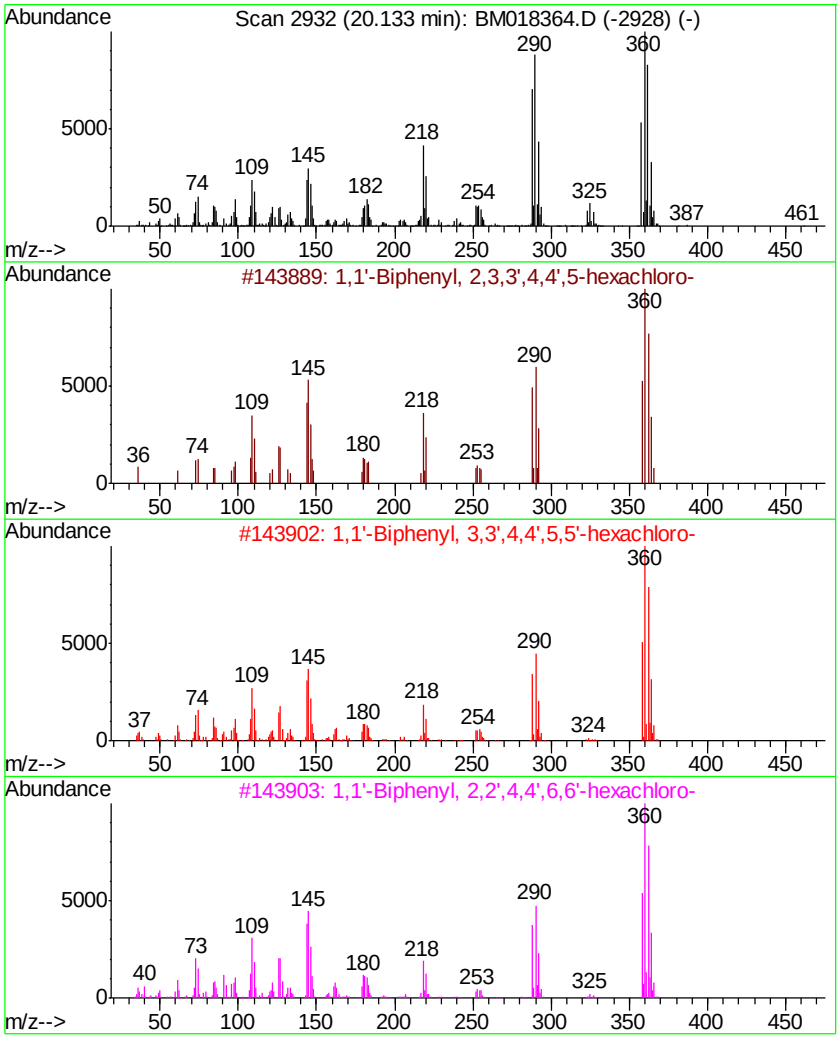
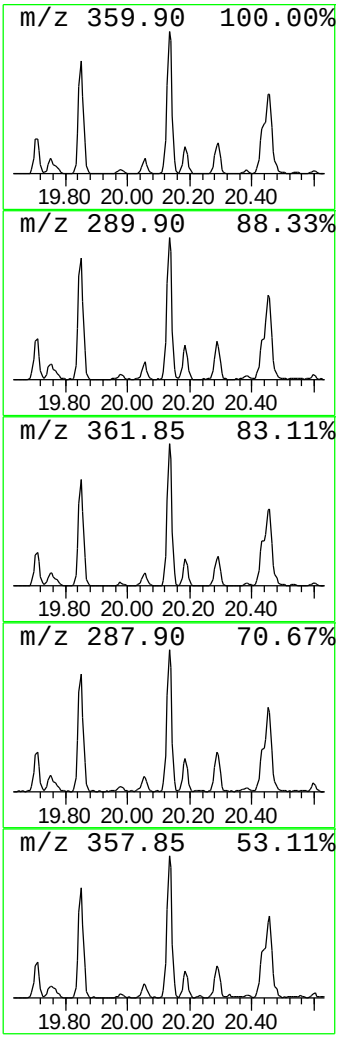
Peak Number 12 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	15.85 ng	1928730	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	96





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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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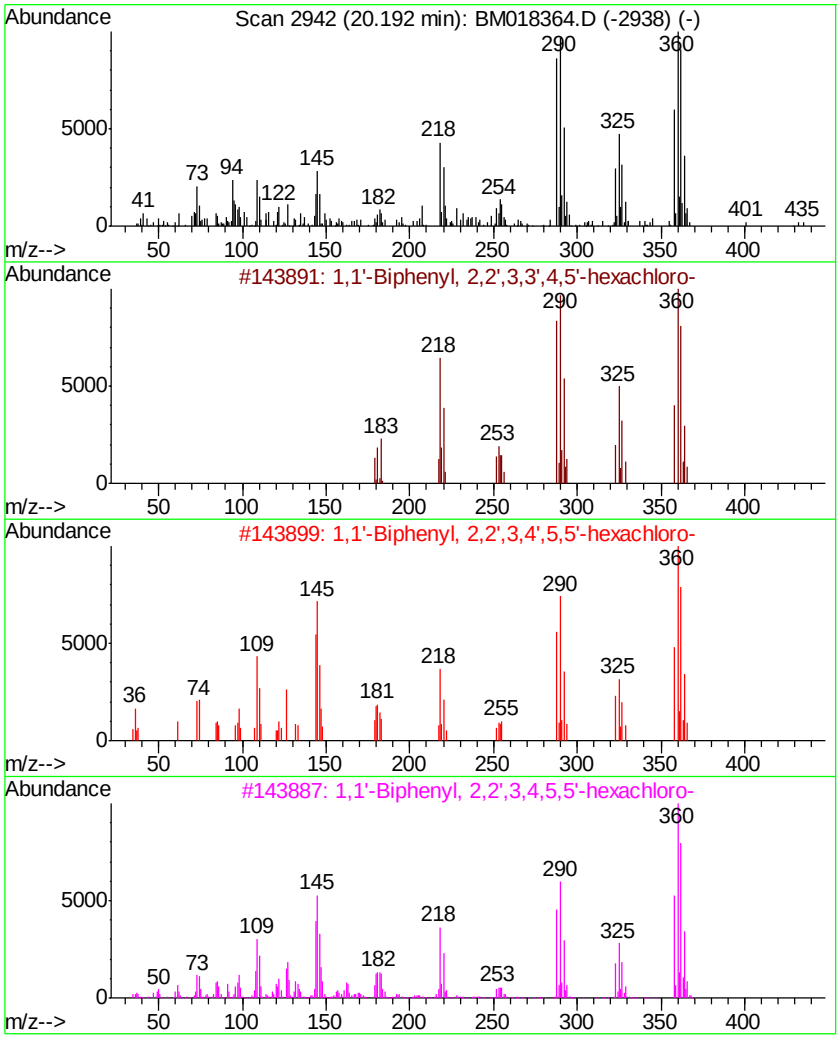
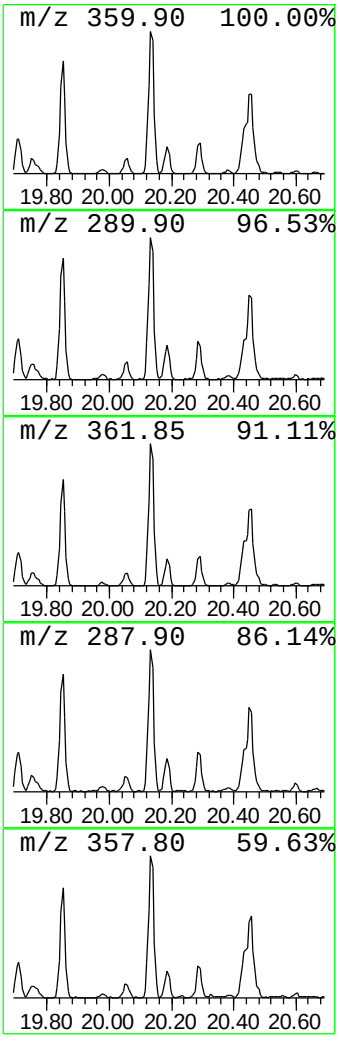
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.86 ng	469311	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	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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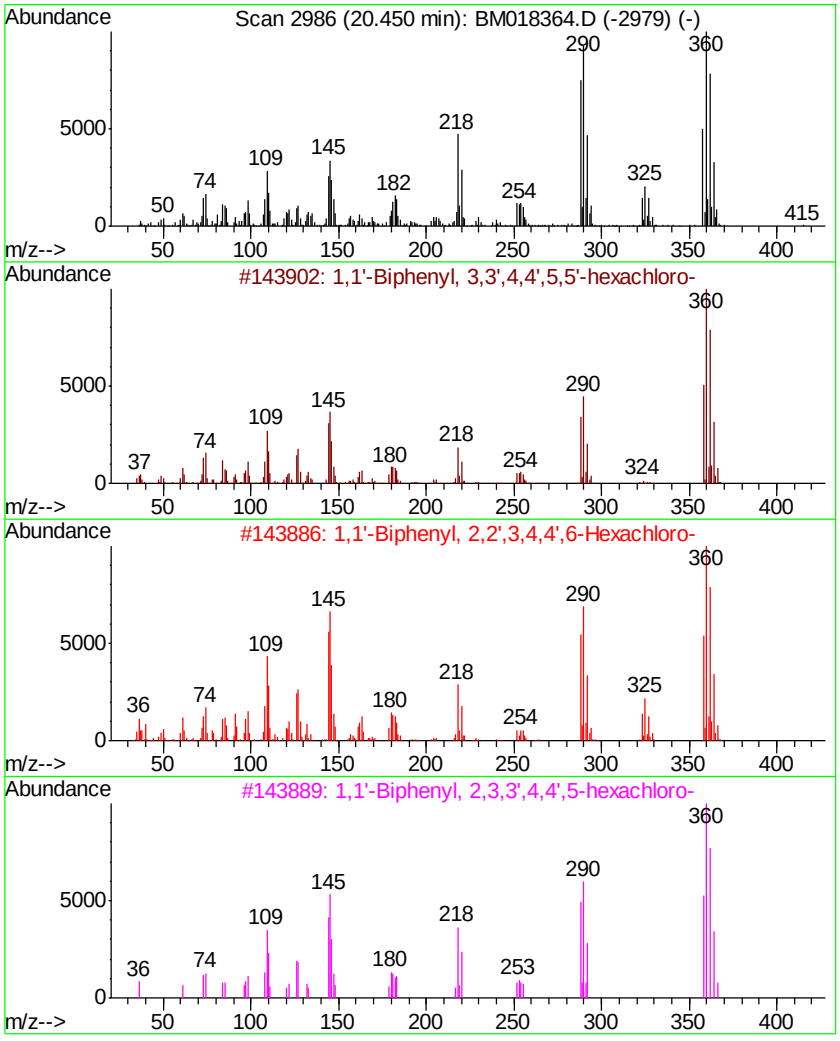
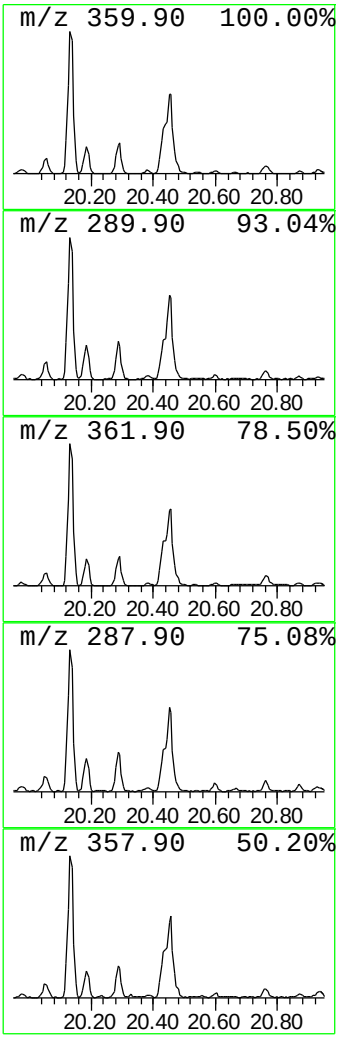
Peak Number 15 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	16.14 ng	1964010	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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	98





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Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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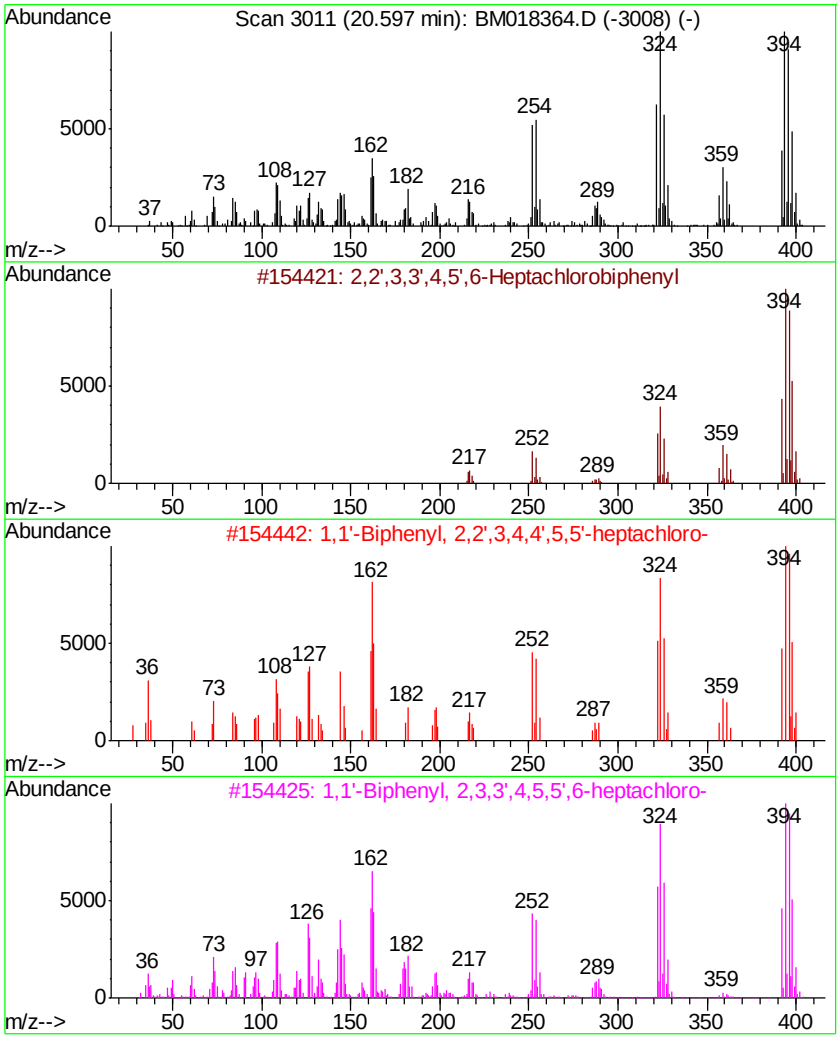
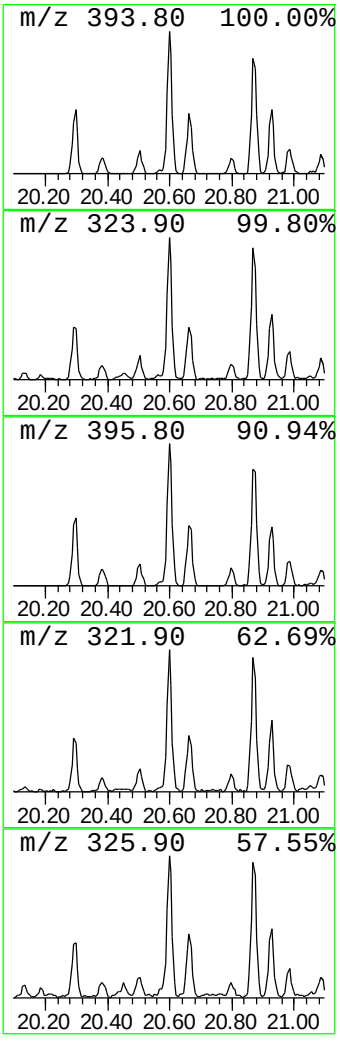
Peak Number 16 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	7.93 ng	964800	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, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	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',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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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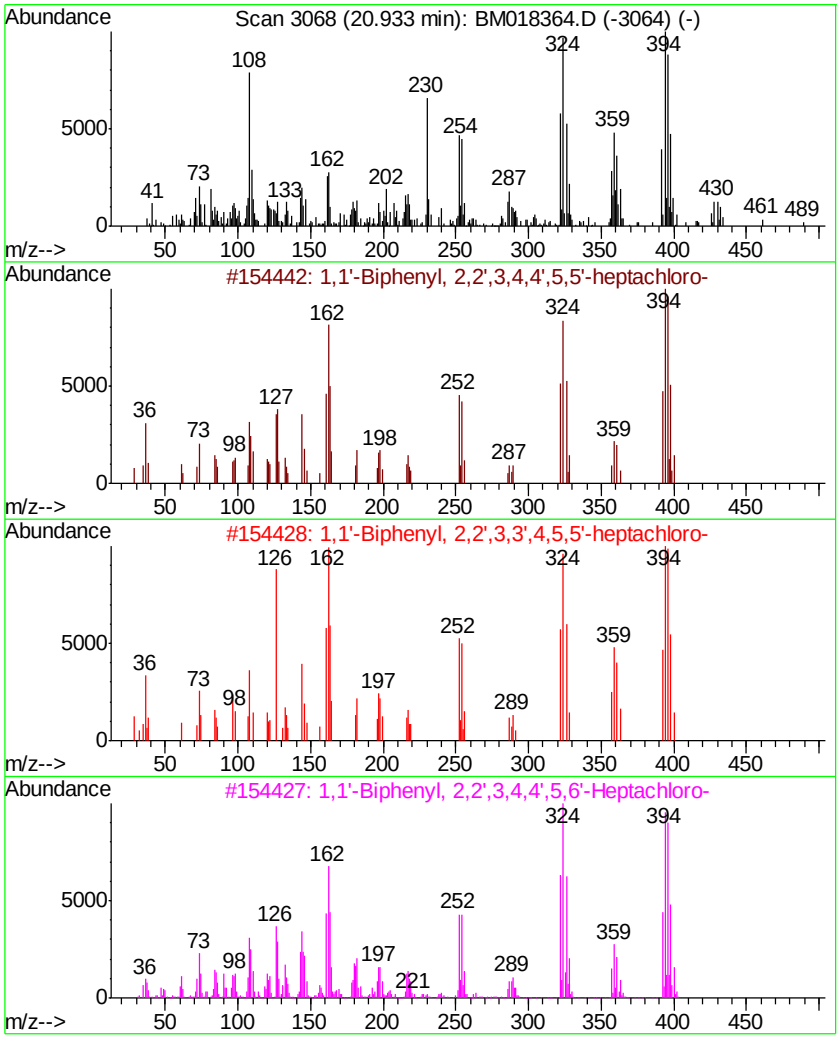
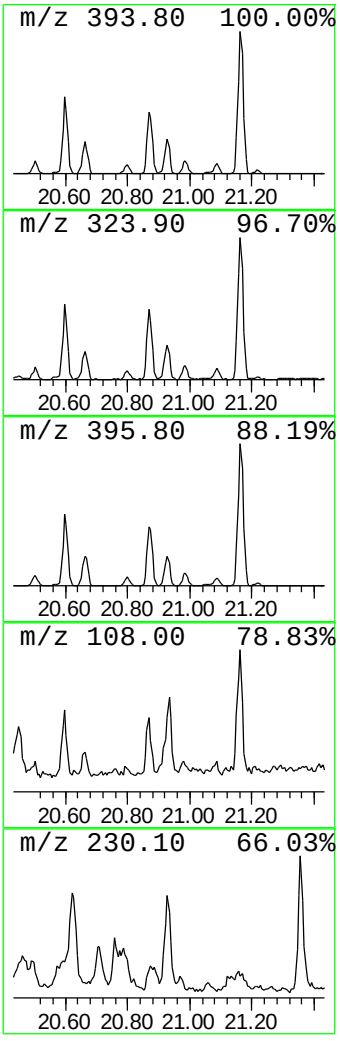
Peak Number 18 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.03 ng	612543	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
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Sample : J6386-19
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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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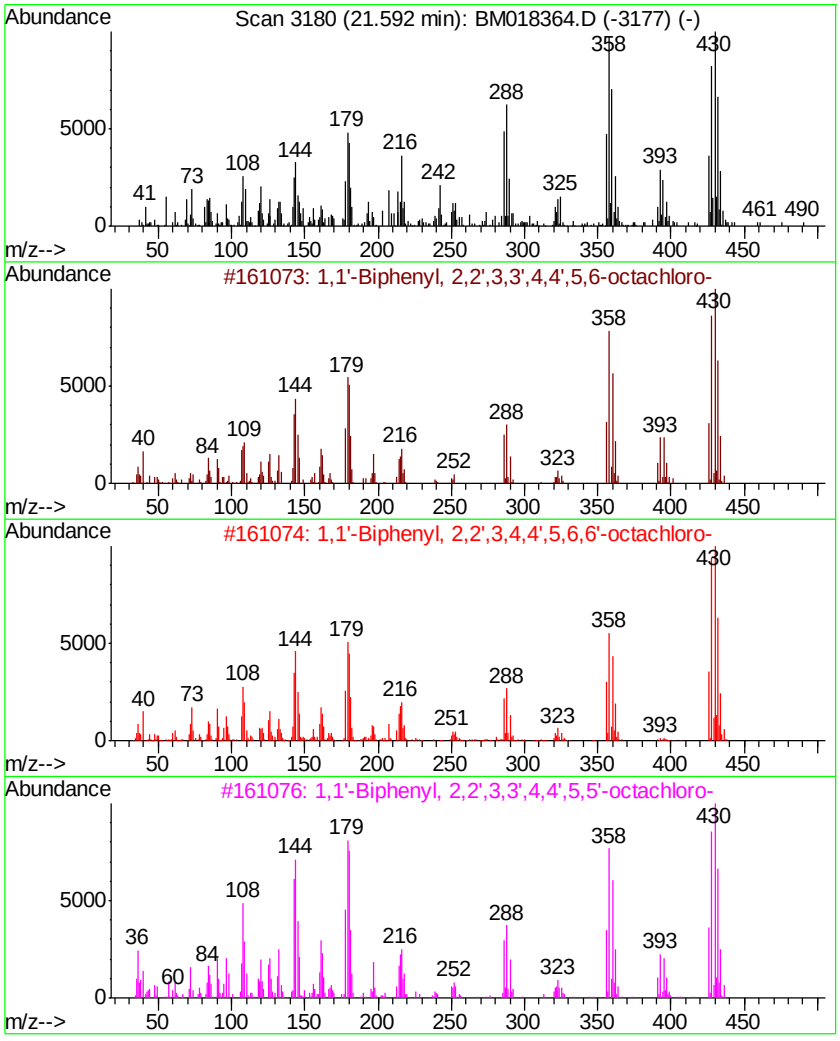
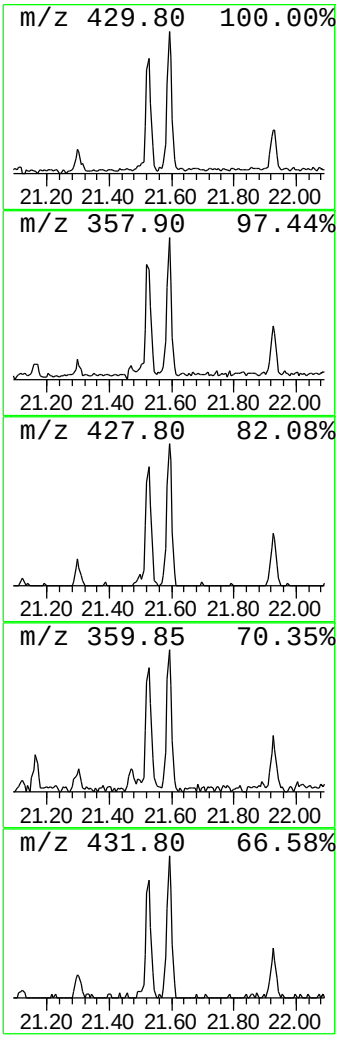
Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.35 ng	407411	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

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	85.6	ng	3388190	1	7.48	791799	20.0
Phthalic anhydride	12.09	46.2	ng	2195490	2	10.25	950357	20.0
Vanillin	13.08	4.9	ng	266693	3	14.15	1088350	20.0
n-Hexadecanoic acid	17.83	18.1	ng	983903	4	16.91	1084140	20.0
Anthracene, 9-met...	17.97	3.8	ng	207086	4	16.91	1084140	20.0
1,1'-Biphenyl, 2,...	18.84	8.7	ng	472314	4	16.91	1084140	20.0
1,1'-Biphenyl, 2,...	19.13	7.7	ng	935379	5	21.14	2433170	20.0
1,1'-Biphenyl, 2,...	19.70	5.1	ng	623887	5	21.14	2433170	20.0
1,1'-Biphenyl, 2,...	20.13	15.9	ng	1928730	5	21.14	2433170	20.0
1,1'-Biphenyl, 2,...	20.19	3.9	ng	469311	5	21.14	2433170	20.0
1,1'-Biphenyl, 3,...	20.45	16.1	ng	1964010	5	21.14	2433170	20.0
2,2',3,3',4,5',6-...	20.60	7.9	ng	964800	5	21.14	2433170	20.0
1,1'-Biphenyl, 2,...	20.93	5.0	ng	612543	5	21.14	2433170	20.0
1,1'-Biphenyl, 2,...	21.59	3.4	ng	407411	5	21.14	2433170	20.0