

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018365.D
 Acq On : 21 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6389-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-0612-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	72319	100941	1.11%	0.096%
2	5.128	374	381	396	rBV	1900598	2712518	29.89%	2.586%
3	6.598	620	631	636	rBV	571646	828310	9.13%	0.790%
4	6.651	636	640	643	rVV	89345	135194	1.49%	0.129%
5	6.698	643	648	663	rVB	1663122	2962296	32.65%	2.824%
6	7.028	697	704	714	rBV	1883700	2903347	32.00%	2.768%
7	7.481	772	781	790	rBV	439214	700086	7.72%	0.667%
8	7.792	828	834	843	rVB	1409347	2225044	24.52%	2.121%
9	8.287	911	918	930	rBV	90348	210346	2.32%	0.201%
10	8.639	971	978	991	rBV	1016560	1744351	19.22%	1.663%
11	9.004	1034	1040	1047	rVB	469078	669134	7.37%	0.638%
12	9.469	1113	1119	1131	rBV	68624	145052	1.60%	0.138%
13	10.245	1242	1251	1258	rBV	471380	816955	9.00%	0.779%
14	12.086	1552	1564	1571	rBV3	135978	437699	4.82%	0.417%
15	12.516	1633	1637	1645	rBV2	58725	101522	1.12%	0.097%
16	12.745	1670	1676	1688	rBV	2215578	3349682	36.92%	3.193%
17	12.922	1701	1706	1710	rBV	95814	156501	1.72%	0.149%
18	13.616	1815	1824	1833	rBV2	207895	431842	4.76%	0.412%
19	13.863	1862	1866	1871	rVB	67460	95950	1.06%	0.091%
20	14.045	1889	1897	1903	rBV5	46105	106104	1.17%	0.101%
21	14.145	1907	1914	1921	rVV2	631011	944124	10.40%	0.900%
22	14.469	1960	1969	1974	rBV3	87726	174287	1.92%	0.166%
23	15.010	2053	2061	2069	rBV9	40163	96306	1.06%	0.092%
24	15.168	2082	2088	2092	rBV	57316	100483	1.11%	0.096%
25	15.657	2165	2171	2180	rBV	1668364	2439508	26.88%	2.325%
26	15.886	2206	2210	2219	rVB10	47611	101686	1.12%	0.097%
27	16.333	2283	2286	2289	rBV3	78073	104260	1.15%	0.099%
28	16.368	2289	2292	2297	rVB2	121040	154224	1.70%	0.147%
29	16.845	2370	2373	2376	rVB3	83624	98804	1.09%	0.094%
30	16.910	2380	2384	2388	rBV	659537	860743	9.49%	0.820%
31	16.957	2388	2392	2393	rBV	204452	231592	2.55%	0.221%
32	17.092	2411	2415	2422	rBV	279081	401294	4.42%	0.383%
33	17.168	2423	2428	2435	rVB4	113097	233683	2.58%	0.223%
34	17.768	2527	2530	2536	rBV3	127995	240681	2.65%	0.229%

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35	17.833	2536	2541	2549	rVB2	802436	1094014	12.06%	1.043%
36	17.986	2563	2567	2573	rBV5	270290	508456	5.60%	0.485%
37	18.839	2706	2712	2723	rVB2	1018841	1690572	18.63%	1.611%
38	19.133	2757	2762	2769	rBV2	1760445	2410798	26.57%	2.298%
39	19.398	2803	2807	2813	rBV	1294677	1709350	18.84%	1.629%
40	19.474	2818	2820	2825	rVB2	233103	286367	3.16%	0.273%
41	19.568	2831	2836	2844	rVB	3663657	5502800	60.64%	5.245%
42	19.709	2856	2860	2864	rBV	1637663	1905797	21.00%	1.817%
43	19.751	2864	2867	2874	rVB	615742	1036343	11.42%	0.988%
44	19.851	2879	2884	2889	rBV	4697374	5977620	65.88%	5.698%
45	20.056	2916	2919	2926	rVB	655398	797730	8.79%	0.760%
46	20.139	2928	2933	2937	rBV	5727628	6581592	72.53%	6.274%
47	20.186	2937	2941	2945	rBV	1102099	1365932	15.05%	1.302%
48	20.292	2954	2959	2965	rVB3	2328382	3123182	34.42%	2.977%
49	20.386	2972	2975	2979	rVB3	487429	583269	6.43%	0.556%
50	20.456	2979	2987	2992	rBV	3298871	5742886	63.29%	5.474%
51	20.503	2992	2995	2998	rVB2	501314	565113	6.23%	0.539%
52	20.603	3008	3012	3018	rVB	3239674	3656147	40.29%	3.485%
53	20.662	3019	3022	3027	rVV	1266675	1498919	16.52%	1.429%
54	20.762	3037	3039	3042	rVB	293369	275633	3.04%	0.263%
55	20.868	3052	3057	3063	rBV3	3178347	5316113	58.59%	5.067%
56	20.927	3064	3067	3073	rVB3	1515934	1971945	21.73%	1.880%
57	20.986	3074	3077	3080	rBV	595625	632652	6.97%	0.603%
58	21.086	3092	3094	3098	rVB	400139	394800	4.35%	0.376%
59	21.168	3100	3108	3113	rVV2	6781244	9073922	100.00%	8.649%
60	21.474	3156	3160	3165	rBV	2583283	3298635	36.35%	3.144%
61	21.527	3166	3169	3176	rVB	1443391	1790016	19.73%	1.706%
62	21.597	3177	3181	3185	rBV	1407556	1705790	18.80%	1.626%
63	21.744	3200	3206	3216	rBV2	1397527	3028485	33.38%	2.887%
64	22.144	3270	3274	3277	rBV	1186839	1568136	17.28%	1.495%
65	22.656	3357	3361	3365	rBV	883099	1280250	14.11%	1.220%
66	22.703	3366	3369	3378	rVB2	954575	1520682	16.76%	1.450%

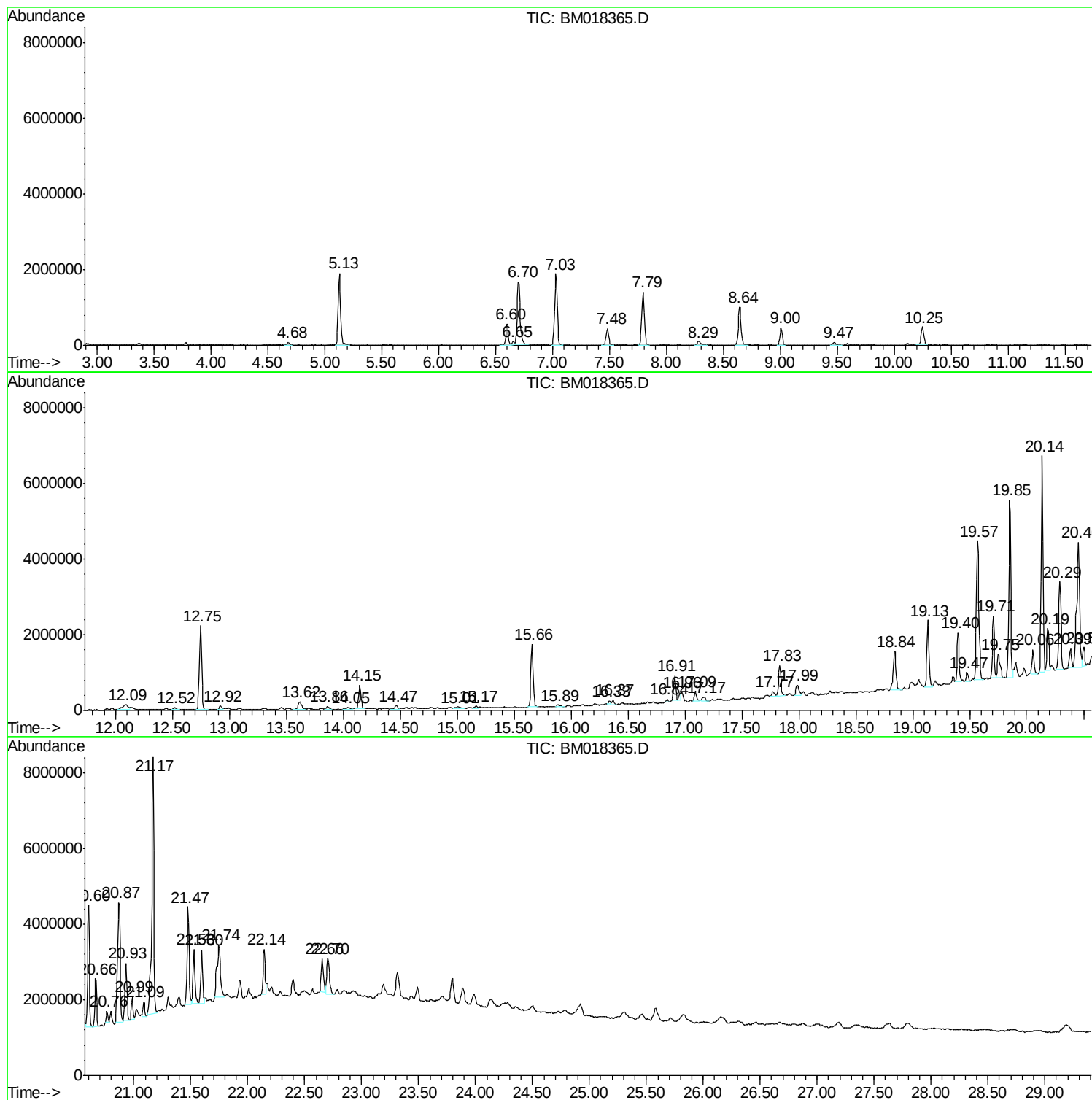
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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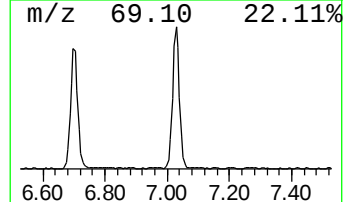
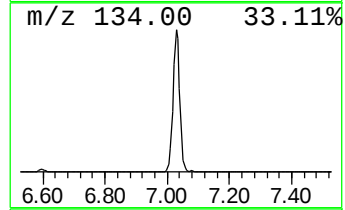
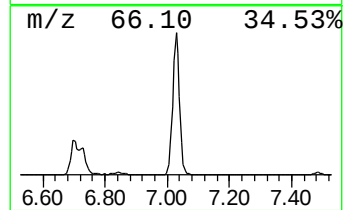
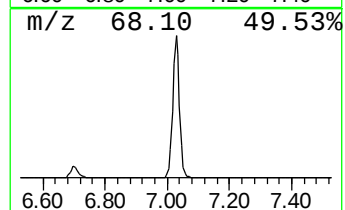
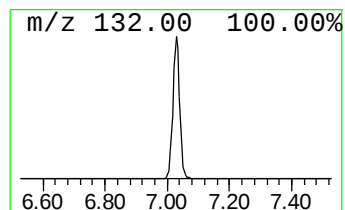
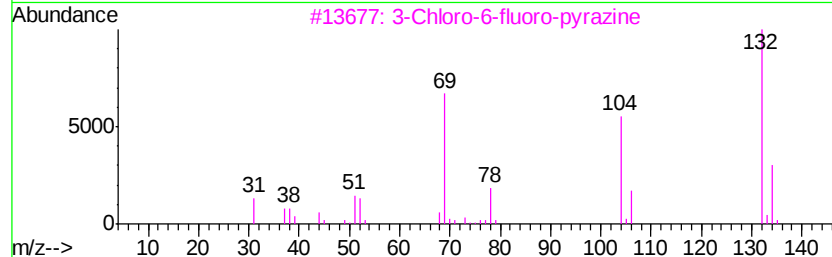
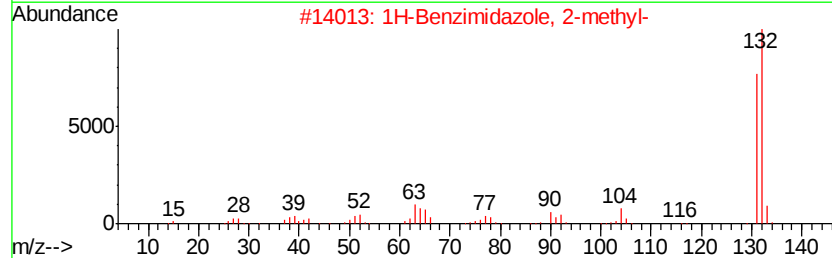
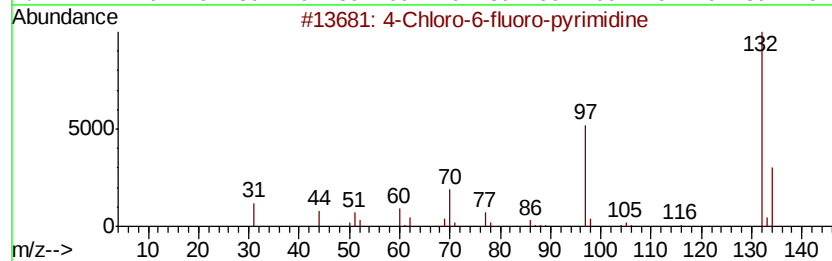
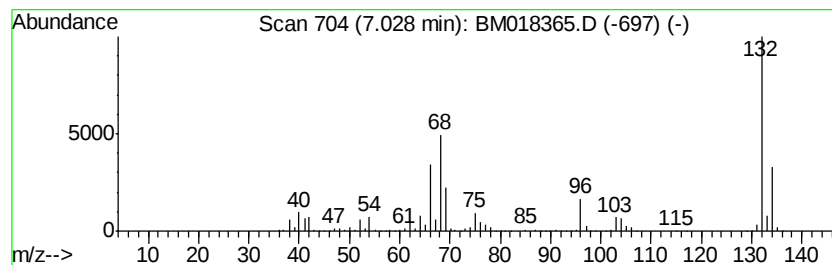
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	82.94 ng	2903350	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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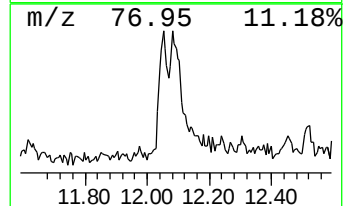
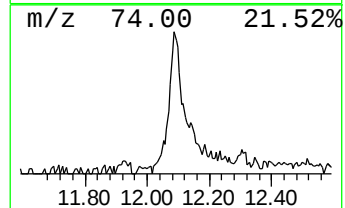
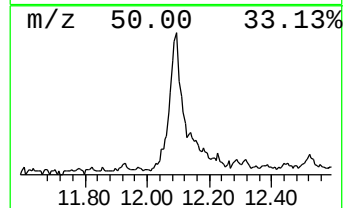
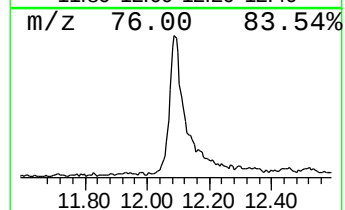
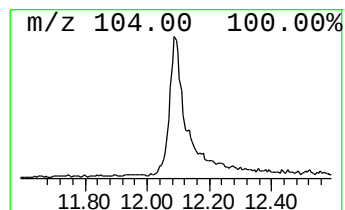
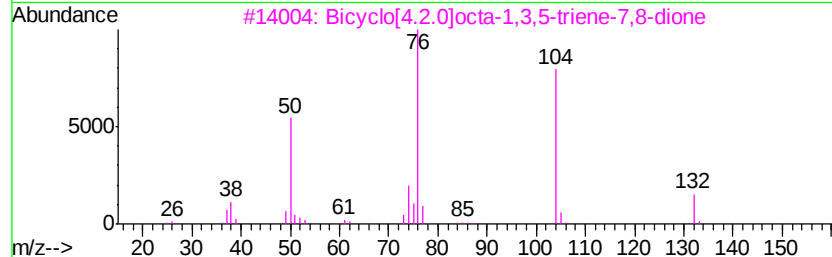
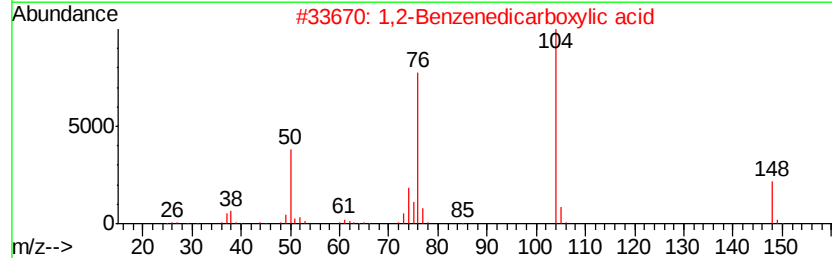
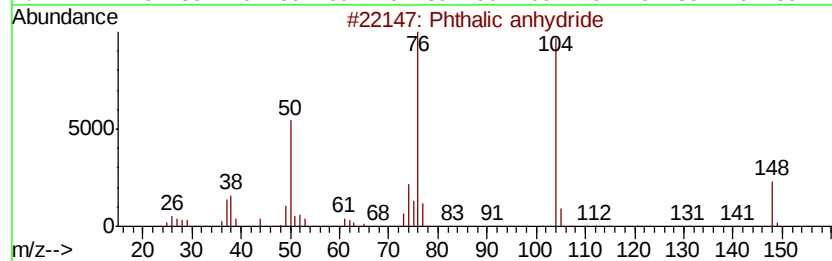
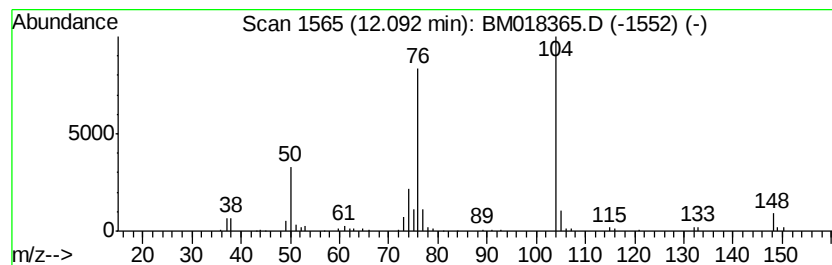
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.72 ng	437699	Naphthalene-d8	10.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	86
3		Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	74
4		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	74
5		1,2-Benzenedicarboxylic acid, mo...	180	C9H8O4	004376-18-5	74



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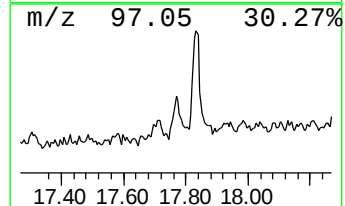
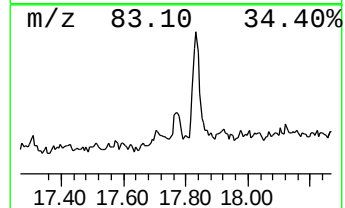
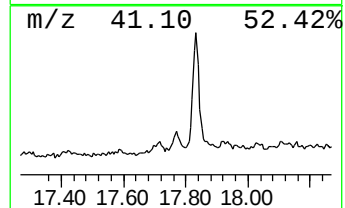
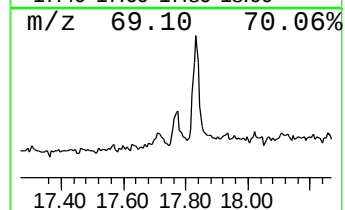
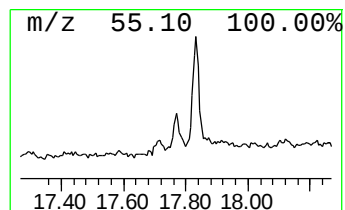
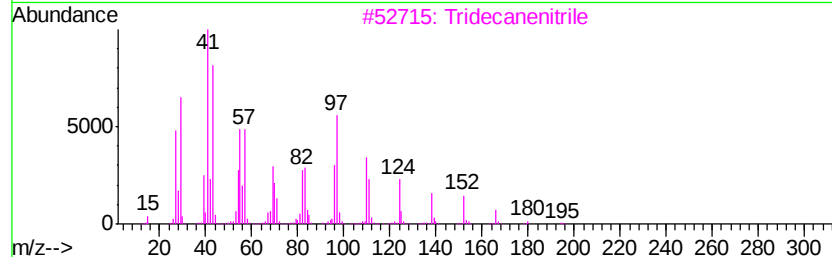
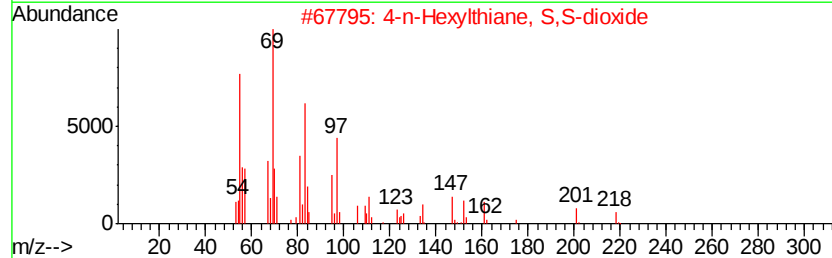
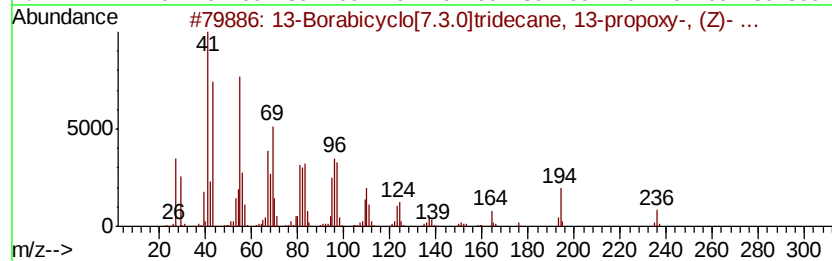
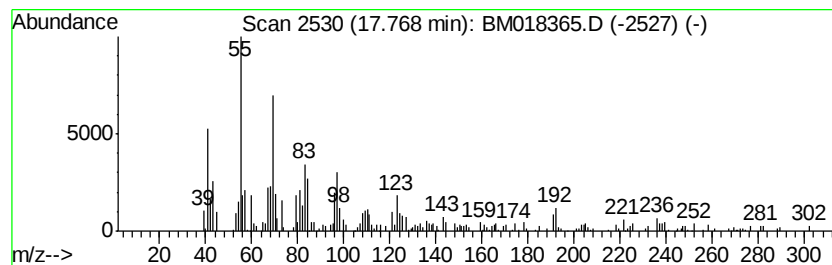
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown17.77 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.77	5.59 ng	240681	Phenanthrene-d10	16.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	42
2	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	25
3	Tridecanenitrile	195	C13H25N	000629-60-7	22
4	Tetradecanenitrile	209	C14H27N	000629-63-0	22
5	cis-9-Tetradecen-1-ol	212	C14H28O	035153-15-2	14



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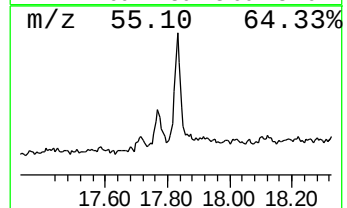
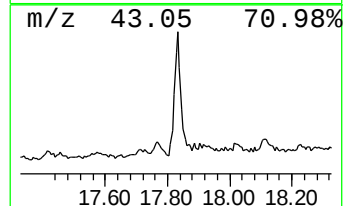
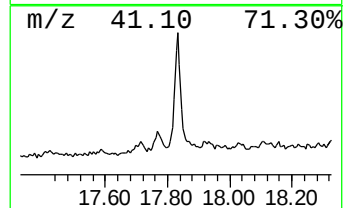
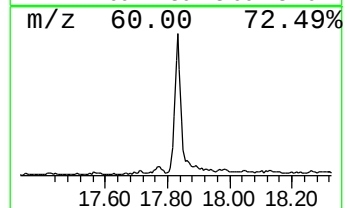
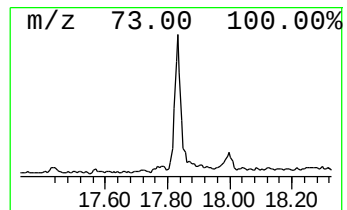
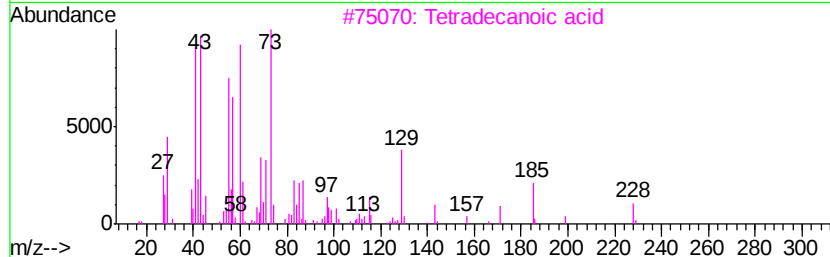
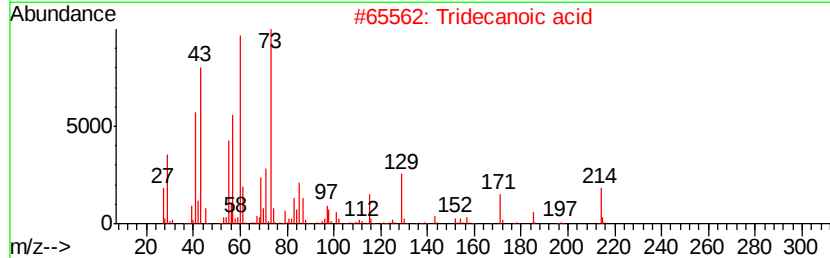
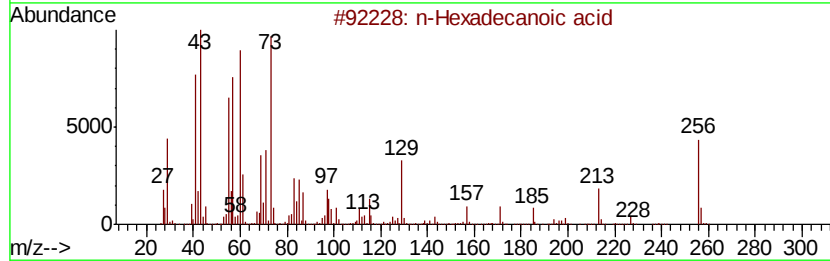
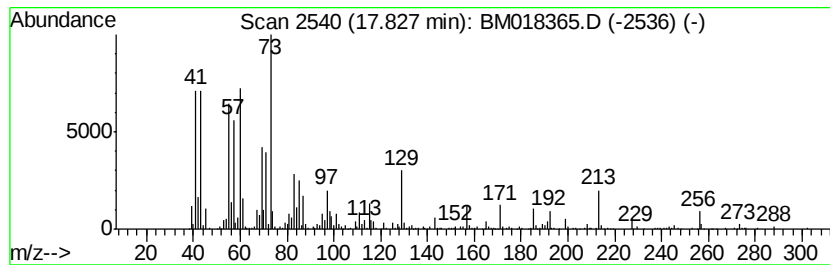
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Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	25.42 ng	1094010	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		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

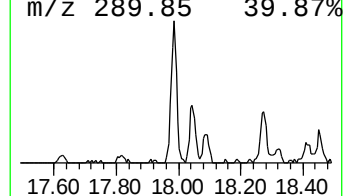
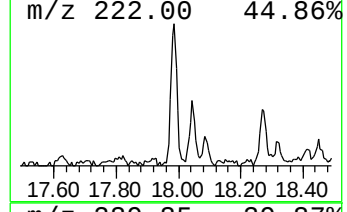
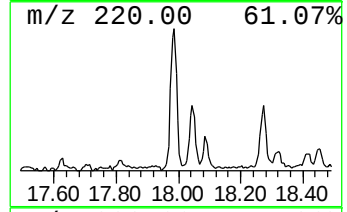
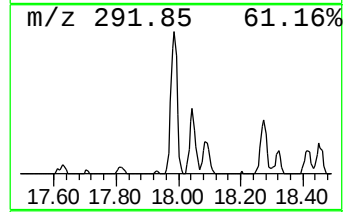
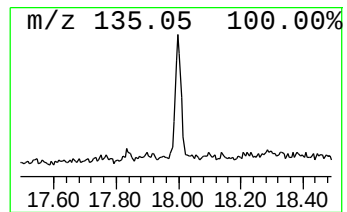
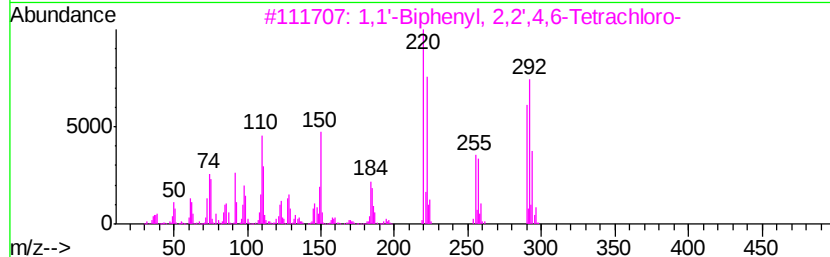
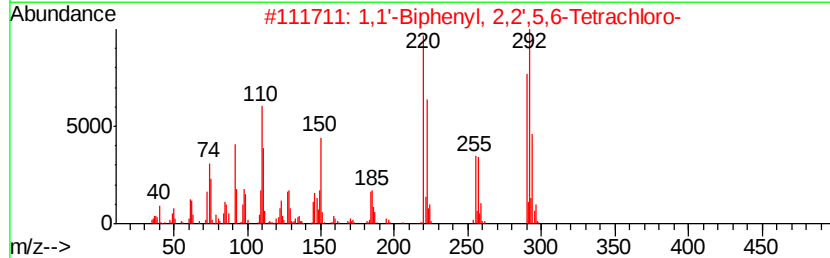
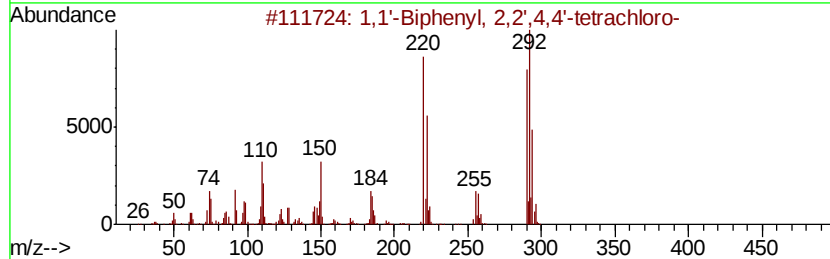
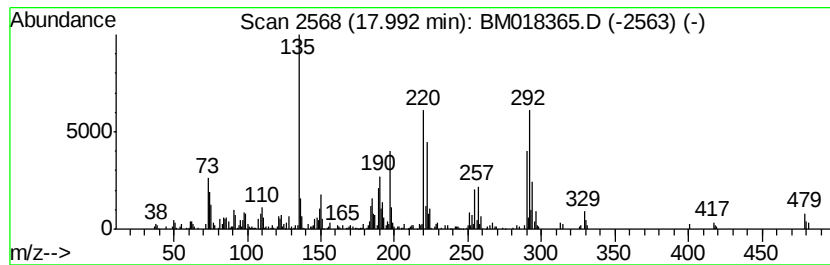
Instrument :
BNA_M
ClientSampleId :
P001-SS013-0612-01

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 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	11.81 ng	508456	Phenanthrene-d10	16.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

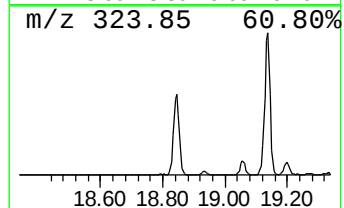
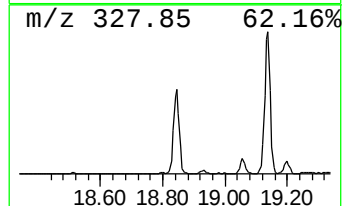
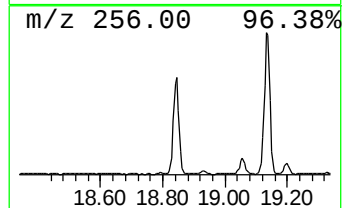
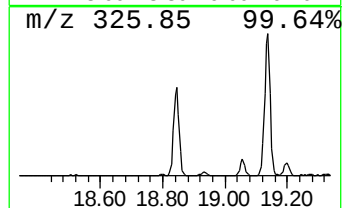
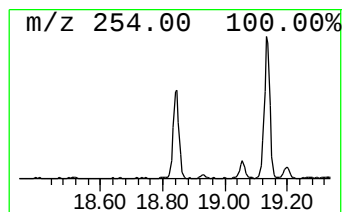
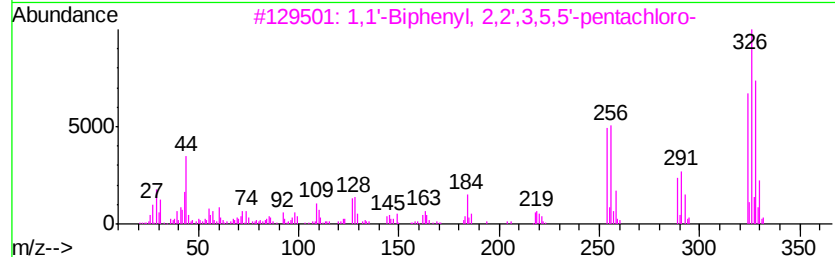
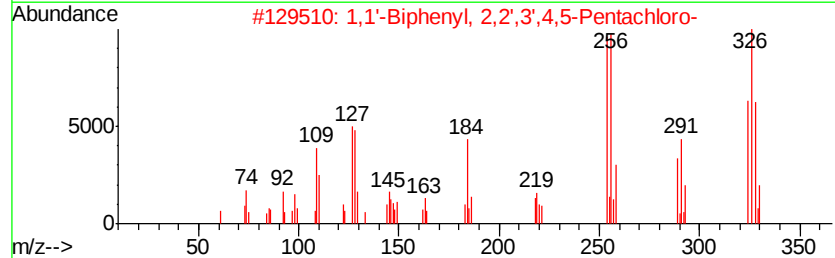
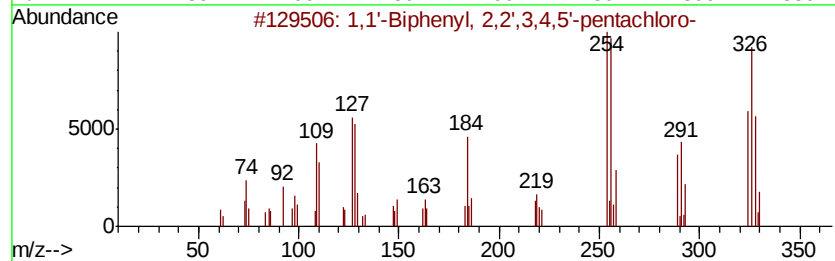
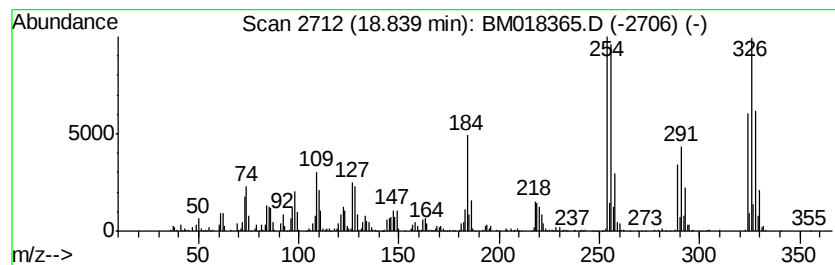
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.84	39.28 ng	1690570	Phenanthrene-d10	16.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
2	1,1'-Biphenyl,	2,2',3',4,5'-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS013-0612-01

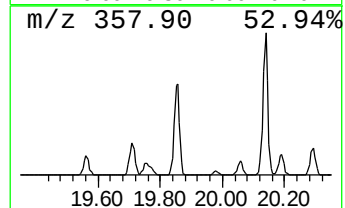
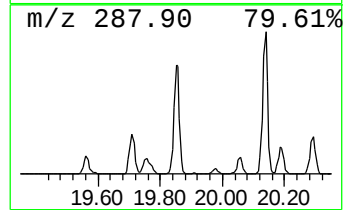
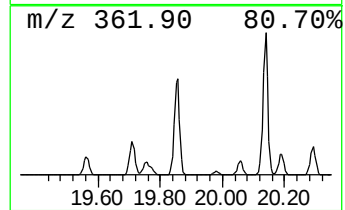
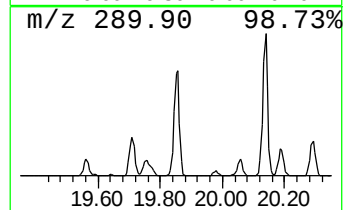
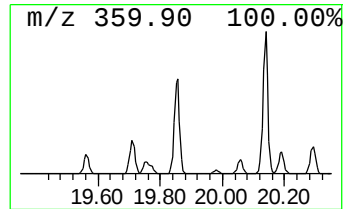
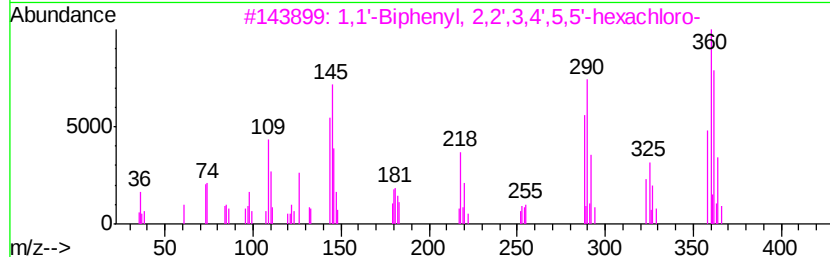
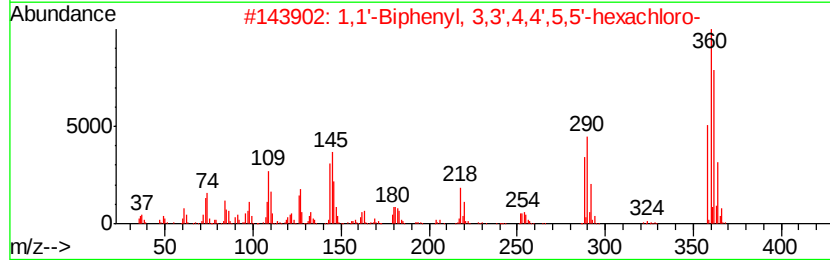
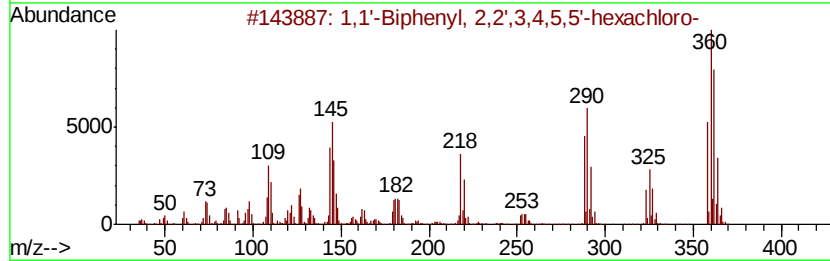
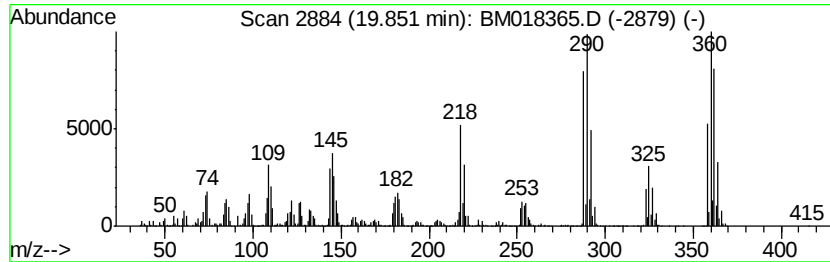
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	13.18 ng	5977620	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS013-0612-01

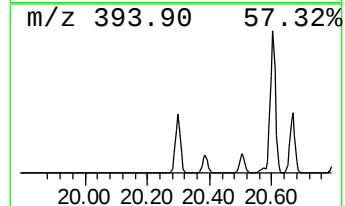
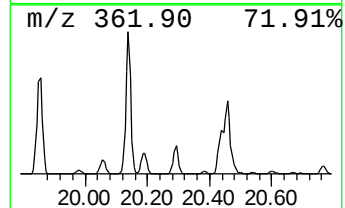
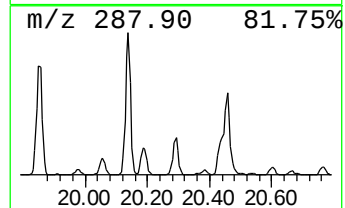
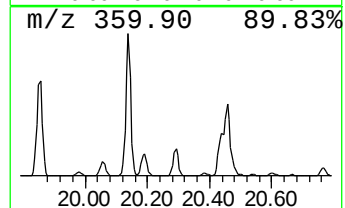
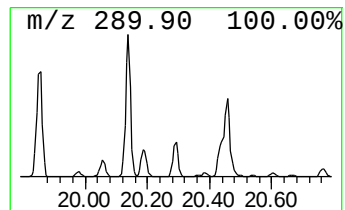
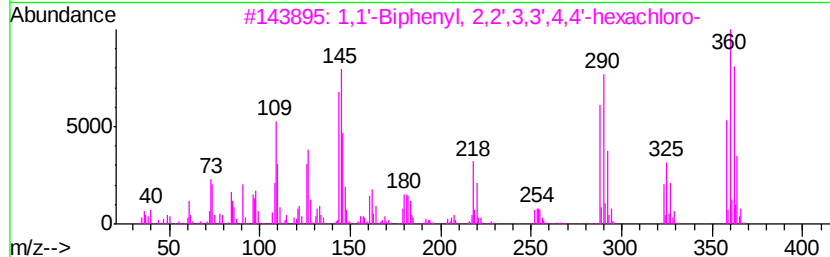
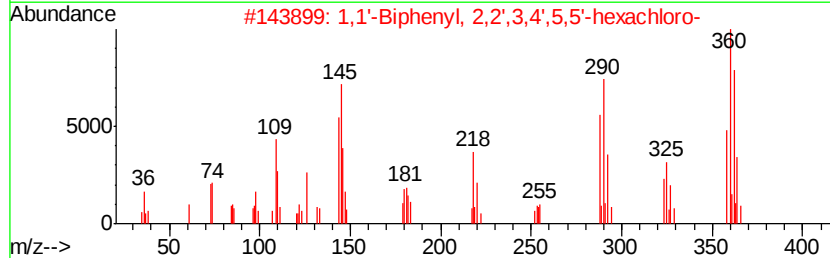
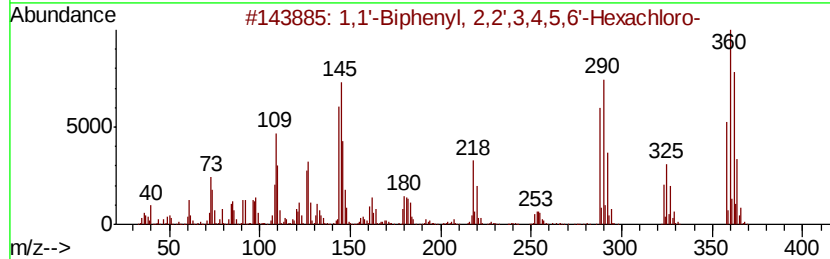
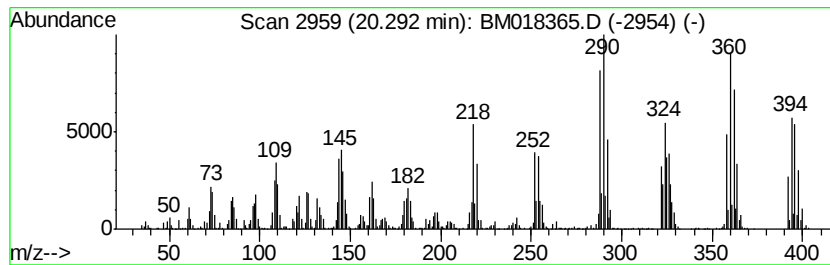
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	6.88 ng	3123180	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	97
5		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018365.D
 Acq On : 21 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6389-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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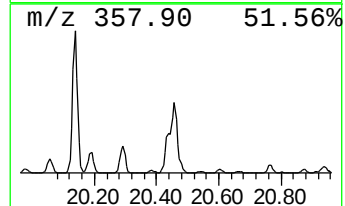
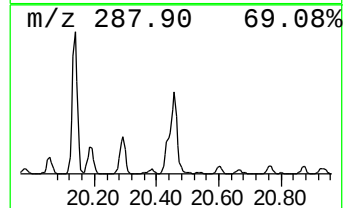
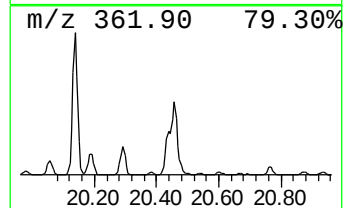
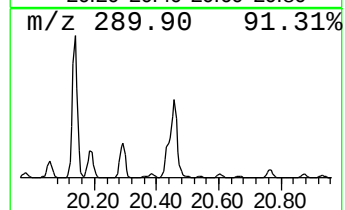
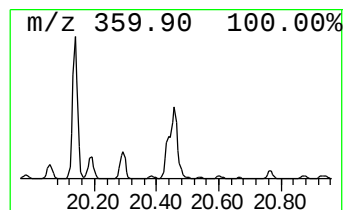
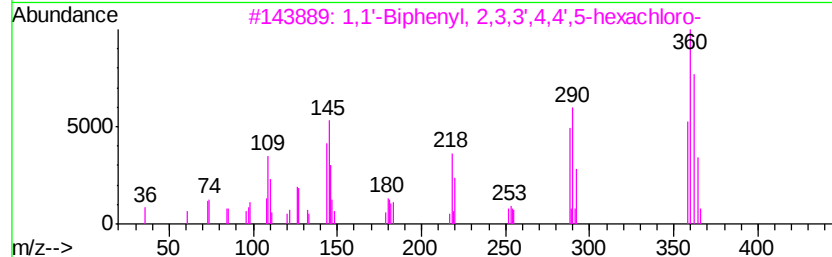
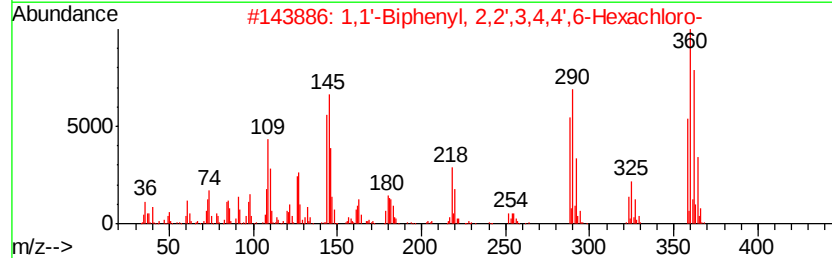
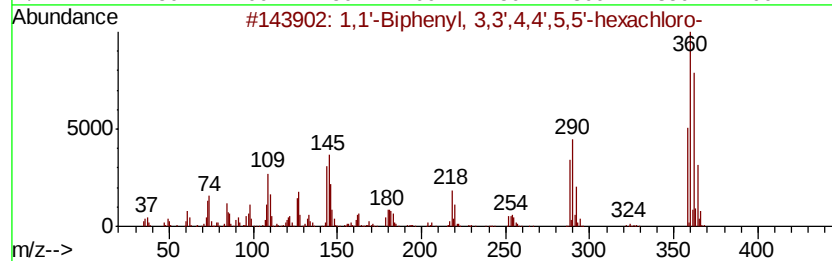
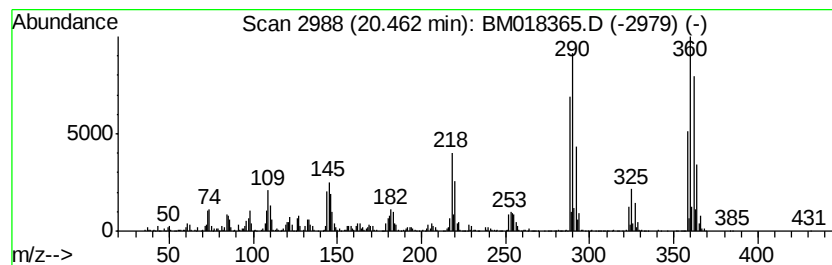
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	12.66 ng	5742890	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	98
5		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS013-0612-01

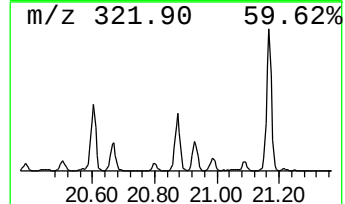
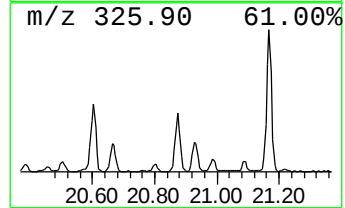
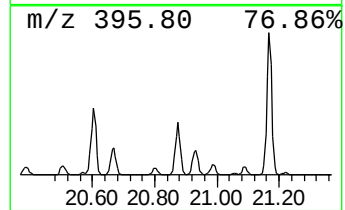
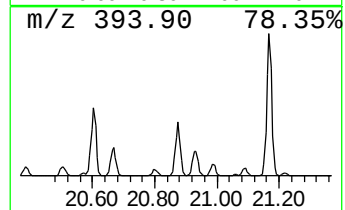
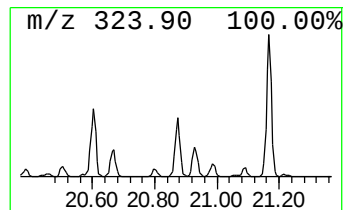
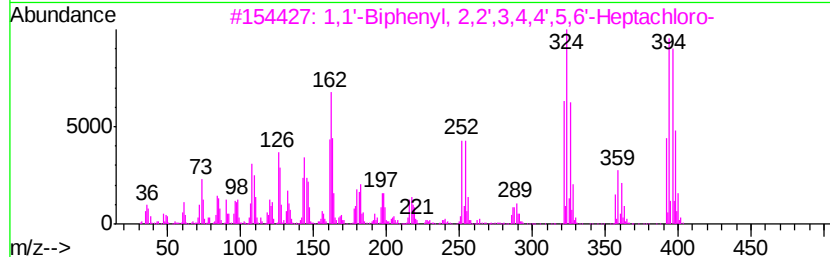
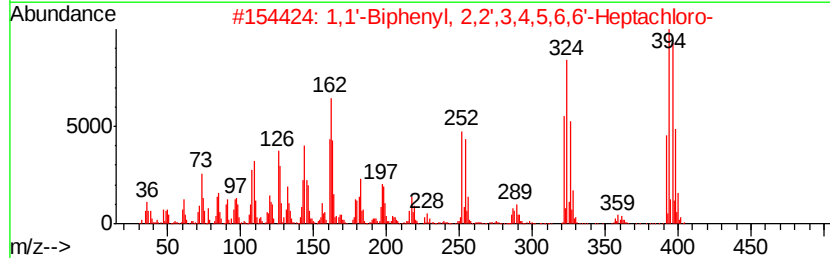
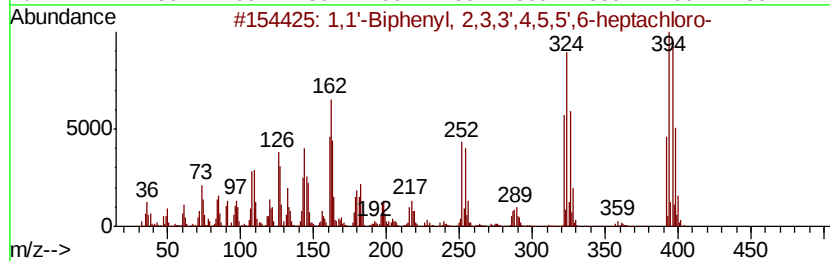
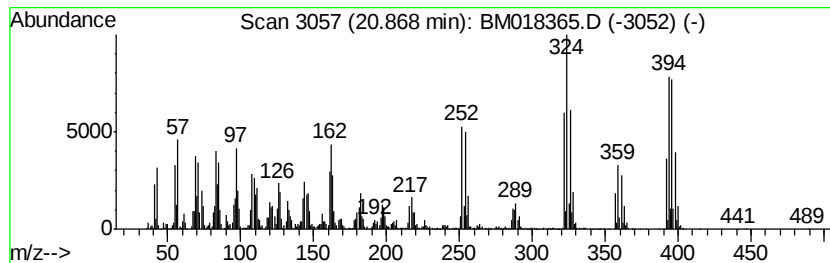
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	11.72 ng	5316110	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3		1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4		1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS013-0612-01

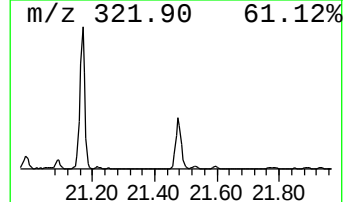
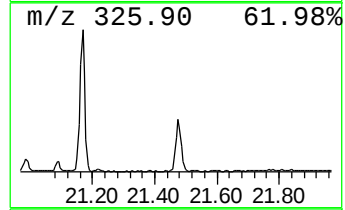
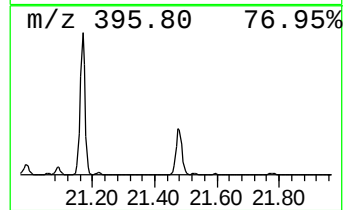
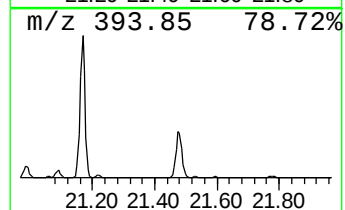
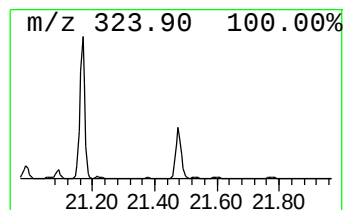
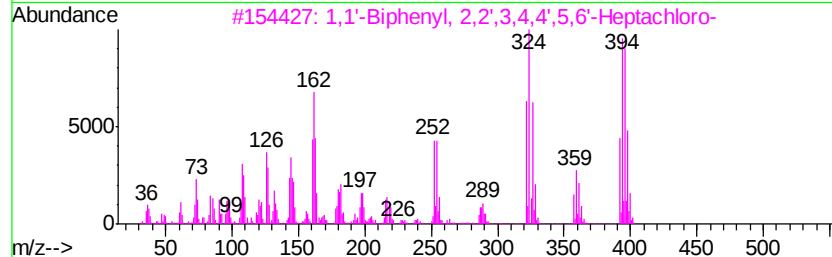
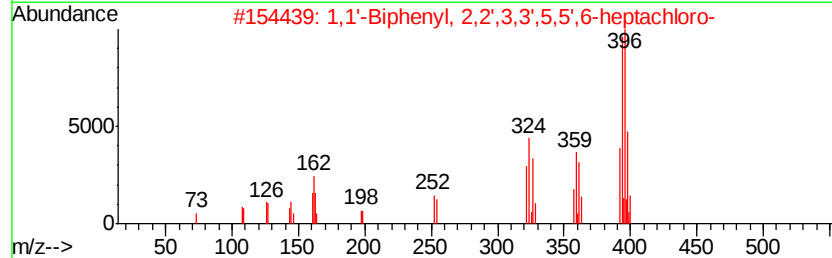
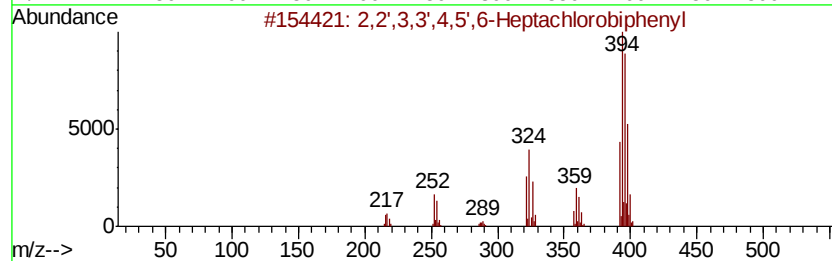
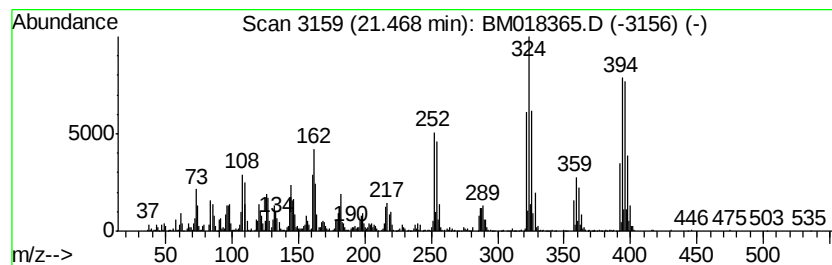
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	7.27 ng	3298640	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2		1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	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-...	392	C12H3Cl7	052663-69-1	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

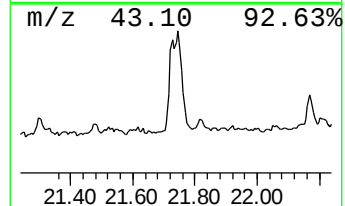
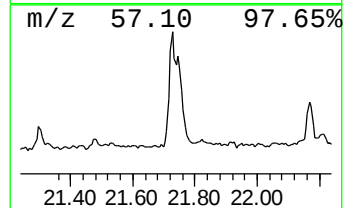
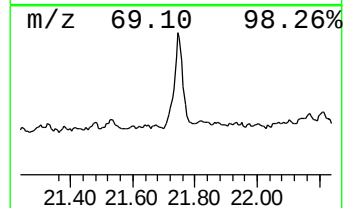
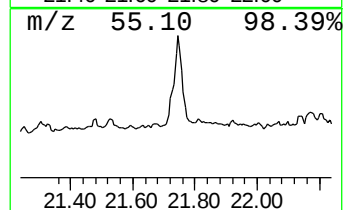
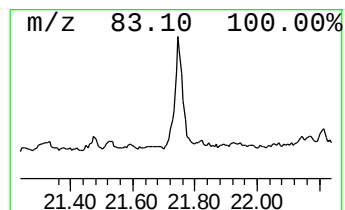
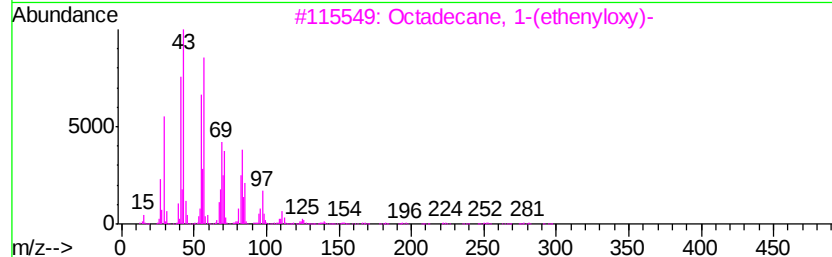
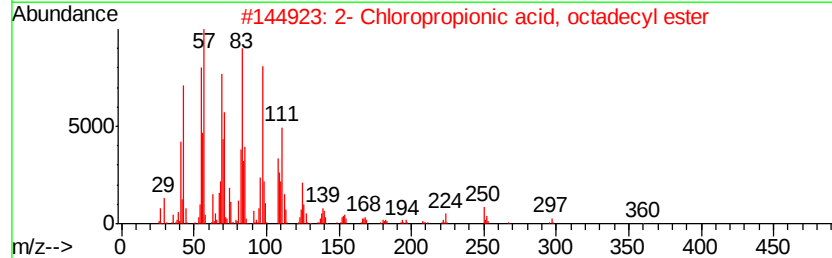
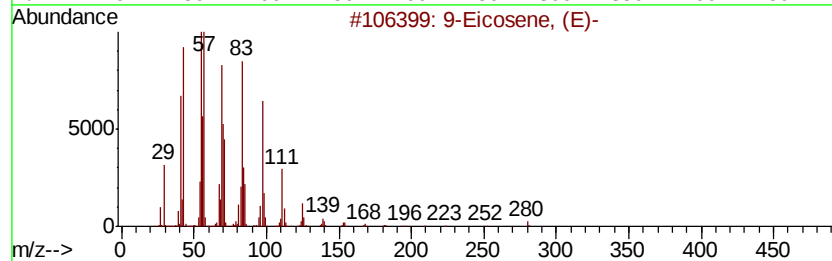
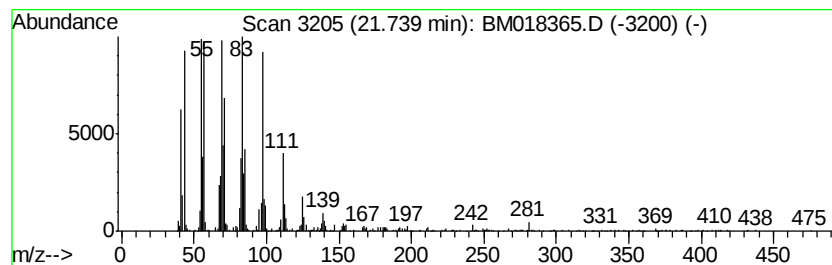
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ClientSampleId :
P001-SS013-0612-01

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 18 9-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.74	6.68 ng	3028490	Chrysene-d12	21.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-		280	C20H40	074685-29-3	93
2	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	92
3	Octadecane, 1-(ethenvloxy)-		296	C20H40O	000930-02-9	83
4	5-Eicosene, (E)-		280	C20H40	074685-30-6	81
5	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

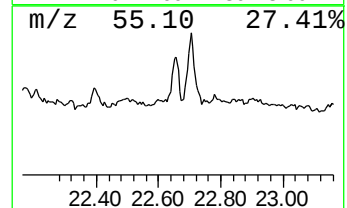
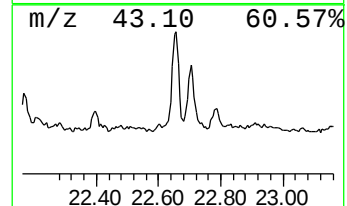
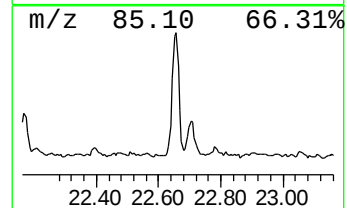
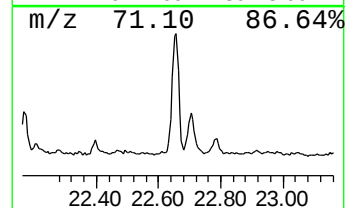
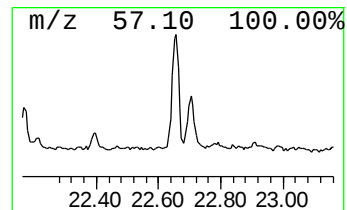
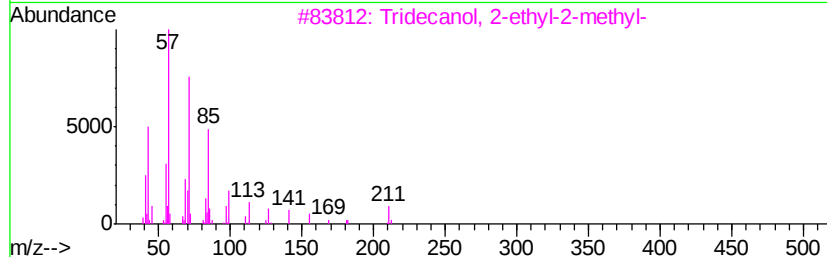
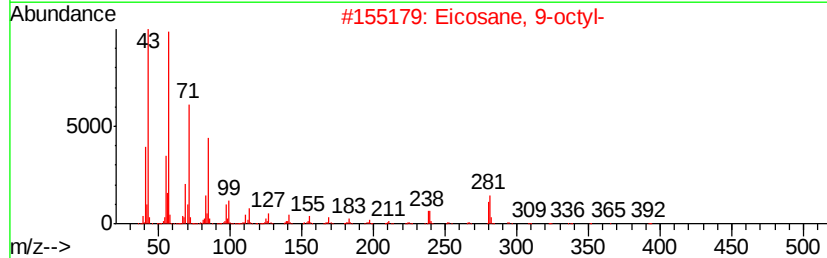
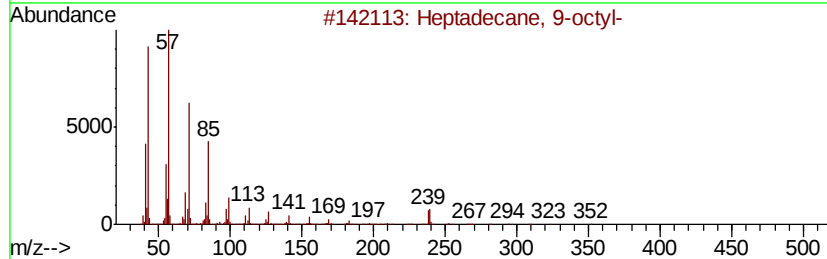
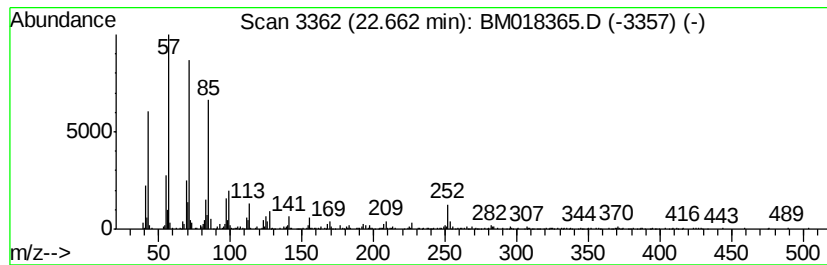
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.66	16.84 ng	1280250	Perylene-d12	23.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018365.D
Acq On : 21 Dec 2018 20:03
Operator : JU/SJ
Sample : J6389-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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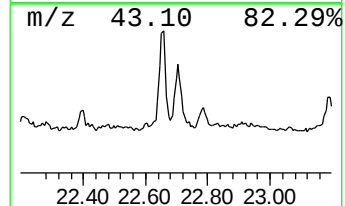
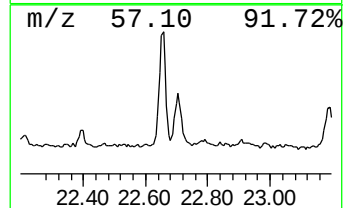
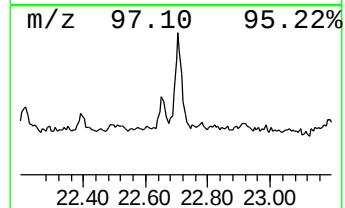
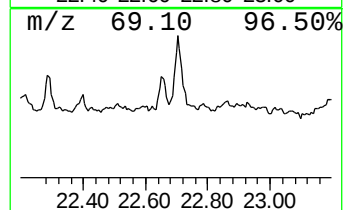
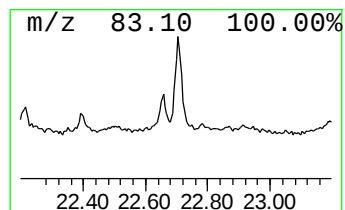
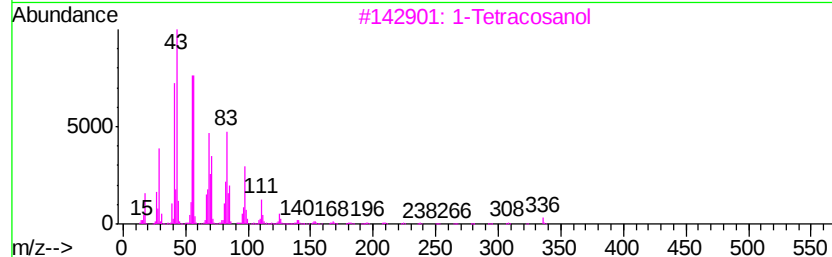
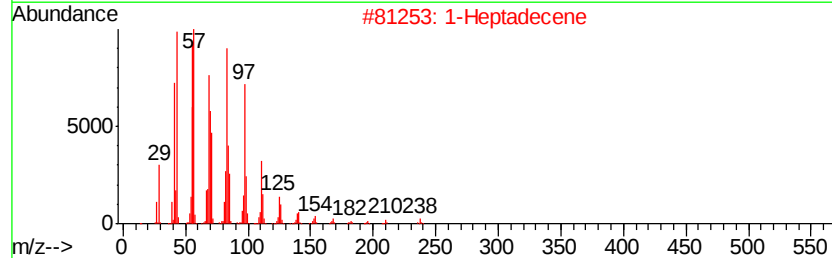
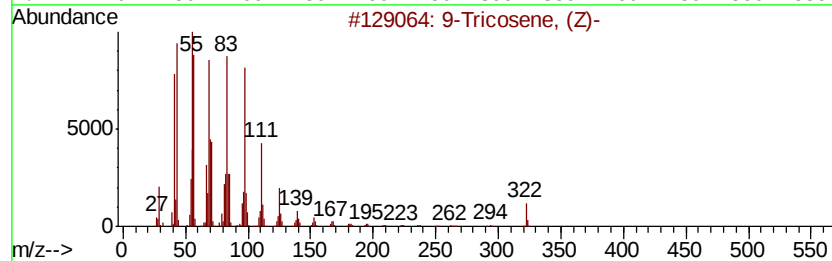
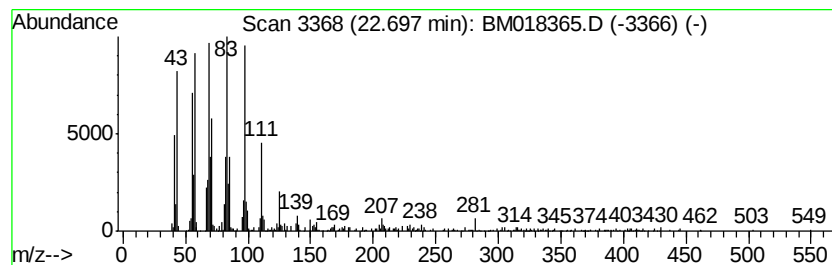
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	20.00 ng	1520680	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2		1-Heptadecene	238	C17H34	006765-39-5	90
3		1-Tetracosanol	354	C24H50O	000506-51-4	64
4		1-Docosene	308	C22H44	001599-67-3	64
5		Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
 Data File : BM018365.D
 Acq On : 21 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6389-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-0612-01

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.03	7.03	82.9	ng	2903350	1	7.48	700086	20.0
Phthalic anhydride	12.09	10.7	ng	437699	2	10.25	816955	20.0
unknown17.77	17.77	5.6	ng	240681	4	16.91	860743	20.0
n-Hexadecanoic acid	17.83	25.4	ng	1094010	4	16.91	860743	20.0
1,1'-Biphenyl, 2,...	17.99	11.8	ng	508456	4	16.91	860743	20.0
1,1'-Biphenyl, 2,...	18.84	39.3	ng	1690570	4	16.91	860743	20.0
1,1'-Biphenyl, 2,...	19.85	13.2	ng	5977620	5	21.14	9073920	20.0
1,1'-Biphenyl, 2,...	20.29	6.9	ng	3123180	5	21.14	9073920	20.0
1,1'-Biphenyl, 3,...	20.46	12.7	ng	5742890	5	21.14	9073920	20.0
1,1'-Biphenyl, 2,...	20.87	11.7	ng	5316110	5	21.14	9073920	20.0
2,2',3,3',4,5',6-...	21.47	7.3	ng	3298640	5	21.14	9073920	20.0
9-Eicosene, (E)-	21.74	6.7	ng	3028490	5	21.14	9073920	20.0
Heptadecane, 9-oc...	22.66	16.8	ng	1280250	6	23.32	1520680	20.0
9-Tricosene, (Z)-	22.70	20.0	ng	1520680	6	23.32	1520680	20.0