

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018306.D
 Acq On : 19 Dec 2018 21:00
 Operator : JU/SJ
 Sample : J6391-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS016-1218-01

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	3.381	77	84	88	rBV2	33222	50373	1.55%	0.114%
2	3.781	146	152	158	rVB	61713	78728	2.42%	0.178%
3	4.464	260	268	275	rBV	64947	124187	3.82%	0.281%
4	4.599	284	291	297	rBV	47390	77369	2.38%	0.175%
5	4.675	300	304	313	rVB	56497	83268	2.56%	0.188%
6	5.122	373	380	388	rBV	1670414	2452567	75.52%	5.543%
7	6.687	638	646	662	rBV	1619216	2681074	82.56%	6.060%
8	7.022	696	703	713	rBV	1752318	2740626	84.39%	6.194%
9	7.481	774	781	791	rBV	352249	552873	17.02%	1.250%
10	7.799	827	835	846	rBV	1164617	1879160	57.87%	4.247%
11	8.640	971	978	999	rBV	899180	1612831	49.66%	3.645%
12	10.251	1244	1252	1266	rBV	393401	722675	22.25%	1.633%
13	12.745	1669	1676	1689	rBV	1589131	2445676	75.31%	5.528%
14	13.616	1819	1824	1839	rBV2	74233	169336	5.21%	0.383%
15	14.139	1907	1913	1922	rVV2	527048	861504	26.53%	1.947%
16	14.463	1965	1968	1973	rBV3	31174	48720	1.50%	0.110%
17	15.651	2164	2170	2180	rBV	1525033	2197837	67.68%	4.967%
18	16.339	2281	2287	2297	rBV	28061	78445	2.42%	0.177%
19	16.839	2366	2372	2376	rBV8	15085	33873	1.04%	0.077%
20	16.904	2377	2383	2389	rVV	690620	1010779	31.13%	2.284%
21	16.951	2389	2391	2397	rVV5	43921	75604	2.33%	0.171%
22	17.280	2440	2447	2448	rBV4	21552	32620	1.00%	0.074%
23	17.310	2448	2452	2459	rVB5	32886	63915	1.97%	0.144%
24	17.822	2534	2539	2548	rBV	558616	837525	25.79%	1.893%
25	18.374	2629	2633	2638	rBV7	29944	43098	1.33%	0.097%
26	18.692	2682	2687	2691	rBV	108549	159079	4.90%	0.360%
27	18.751	2694	2697	2704	rVB5	29916	42192	1.30%	0.095%
28	18.839	2708	2712	2718	rVB2	105727	163075	5.02%	0.369%
29	18.968	2730	2734	2735	rBV4	41785	47010	1.45%	0.106%
30	18.992	2735	2738	2740	rVV4	35586	49104	1.51%	0.111%
31	19.045	2745	2747	2755	rVB7	51131	66410	2.04%	0.150%
32	19.121	2755	2760	2767	rBV2	285930	521674	16.06%	1.179%
33	19.345	2795	2798	2801	rBV3	32395	42481	1.31%	0.096%
34	19.386	2801	2805	2811	rVV2	158391	224075	6.90%	0.506%

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35	19.563	2829	2835	2841	rBV	2585372	3247476	100.00%	7.340%
36	19.704	2854	2859	2862	rBV3	155159	198325	6.11%	0.448%
37	19.745	2862	2866	2868	rBV3	57744	76256	2.35%	0.172%
38	19.845	2878	2883	2887	rBV2	461178	642017	19.77%	1.451%
39	19.880	2887	2889	2896	rVB2	166281	213689	6.58%	0.483%
40	20.045	2915	2917	2923	rVB6	57372	73361	2.26%	0.166%
41	20.127	2926	2931	2935	rBV	515059	626664	19.30%	1.416%
42	20.180	2936	2940	2943	rBV2	118085	154466	4.76%	0.349%
43	20.280	2953	2957	2962	rVB5	200780	299772	9.23%	0.678%
44	20.380	2970	2974	2977	rBV3	116722	150005	4.62%	0.339%
45	20.445	2978	2985	2991	rVV	289910	550437	16.95%	1.244%
46	20.492	2991	2993	2996	rVV4	39399	37566	1.16%	0.085%
47	20.592	3006	3010	3014	rBV3	268661	390520	12.03%	0.883%
48	20.657	3018	3021	3025	rVB4	150213	193548	5.96%	0.437%
49	20.851	3050	3054	3061	rBV	1833186	2412679	74.29%	5.453%
50	20.921	3063	3066	3071	rVB5	159078	212155	6.53%	0.479%
51	21.127	3097	3101	3104	rBV	1014636	1422876	43.81%	3.216%
52	21.151	3104	3105	3113	rVB3	644118	631531	19.45%	1.427%
53	21.292	3126	3129	3132	rBV2	124816	166535	5.13%	0.376%
54	21.462	3155	3158	3163	rVB2	252359	344818	10.62%	0.779%
55	21.586	3176	3179	3185	rBV7	117902	150072	4.62%	0.339%
56	21.715	3197	3201	3203	rBV	1112435	1466818	45.17%	3.315%
57	21.739	3203	3205	3213	rVB	1430266	1900532	58.52%	4.295%
58	22.157	3274	3276	3279	rVB2	158713	154943	4.77%	0.350%
59	22.380	3311	3314	3320	rVB4	193779	248497	7.65%	0.562%
60	22.639	3354	3358	3362	rBV	666672	892030	27.47%	2.016%
61	22.692	3363	3367	3374	rVB	666365	1041264	32.06%	2.353%
62	23.286	3463	3468	3480	rVB	748238	1424374	43.86%	3.219%
63	23.468	3496	3499	3506	rVB3	307106	519897	16.01%	1.175%
64	23.774	3547	3551	3558	rVB2	284455	535138	16.48%	1.209%
65	23.868	3562	3567	3574	rVV2	416183	777568	23.94%	1.757%
66	24.898	3736	3742	3749	rVB2	360251	819981	25.25%	1.853%

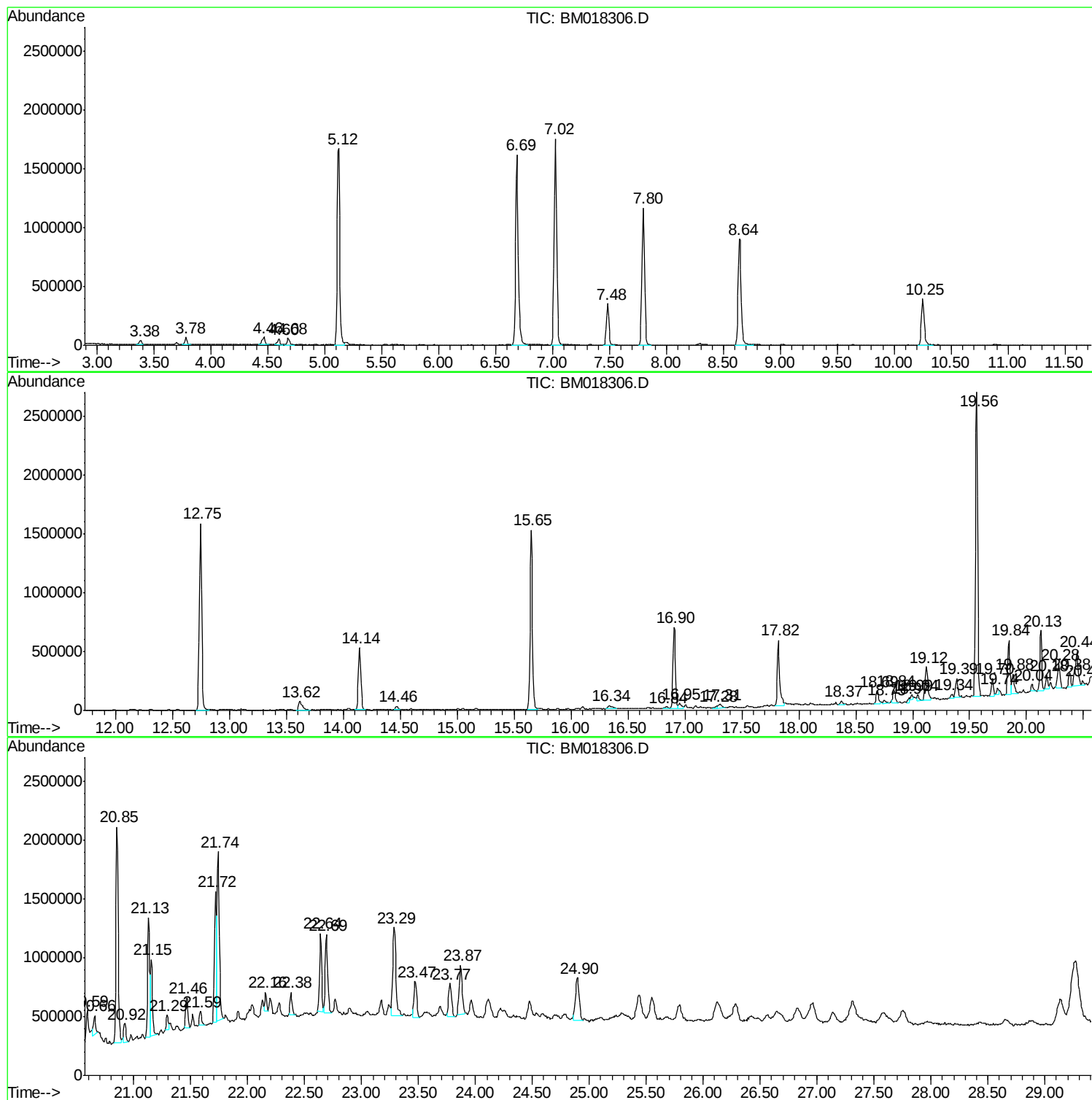
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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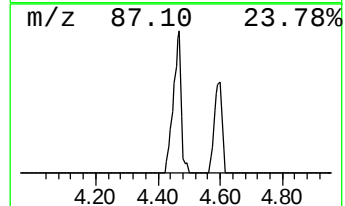
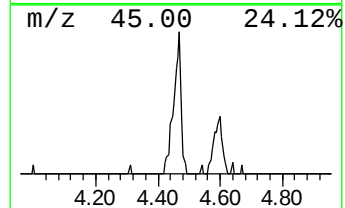
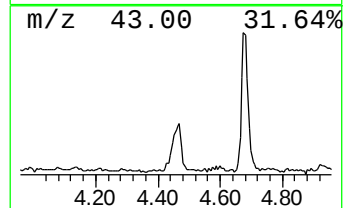
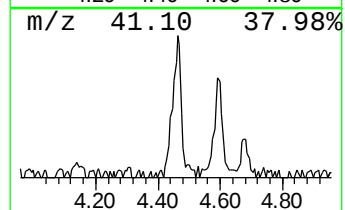
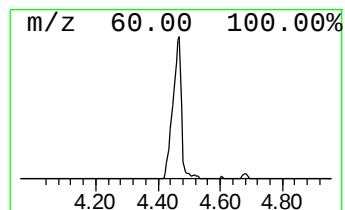
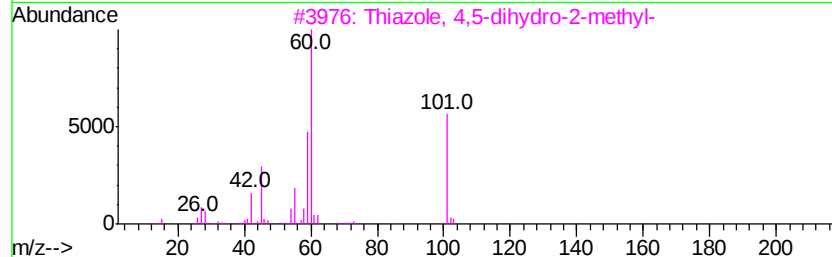
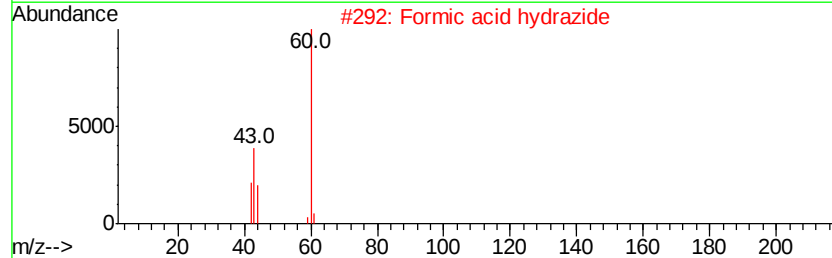
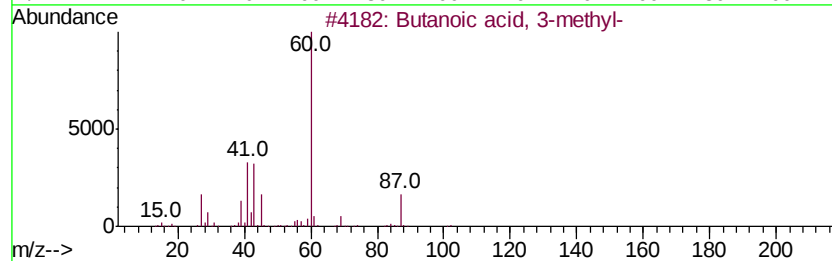
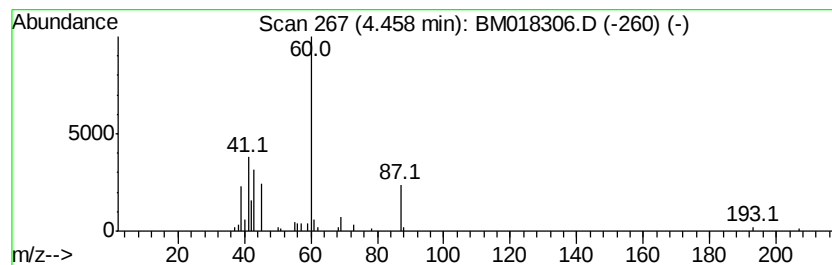
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	4.49 ng	124187	1,4-Dichlorobenzene-d4	7.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
2			Formic acid hydrazide	60	CH4N2O	000624-84-0	38
3			Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	36
4			1-Pentanamine	87	C5H13N	000110-58-7	10
5			N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	9



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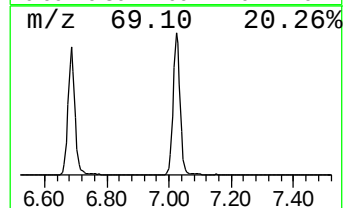
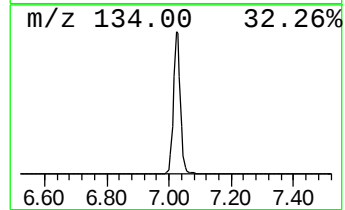
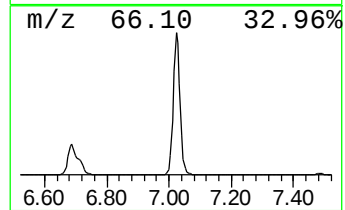
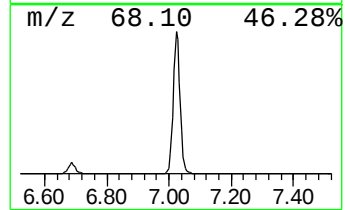
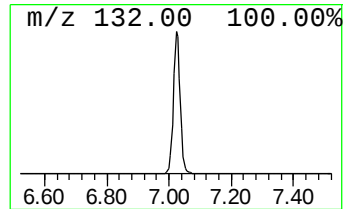
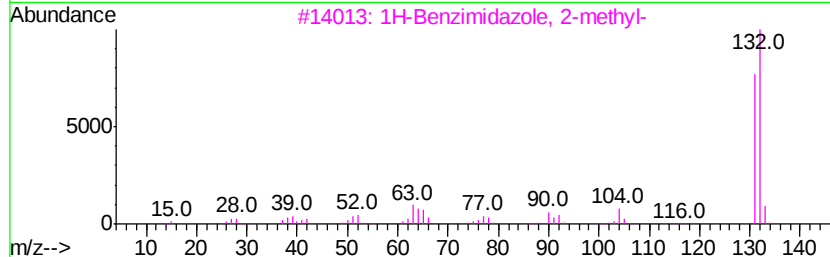
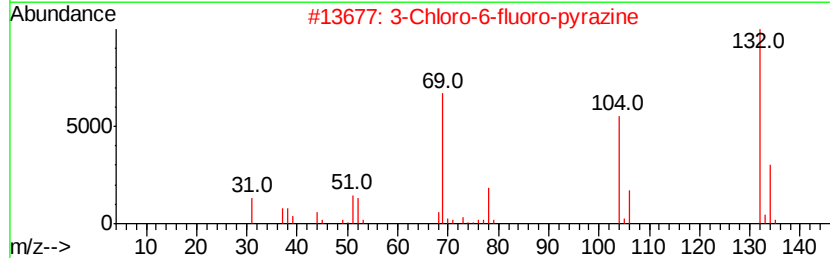
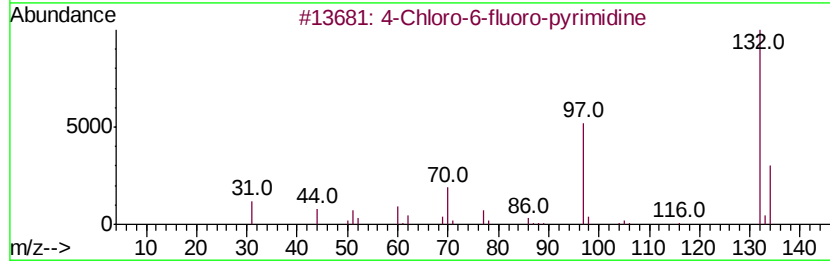
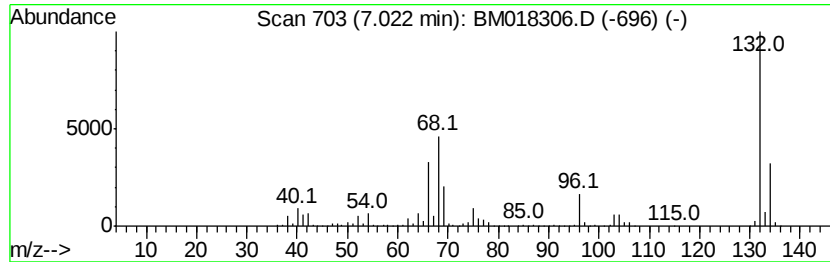
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	99.14 ng	2740630	1,4-Dichlorobenzene-d4	7.49

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



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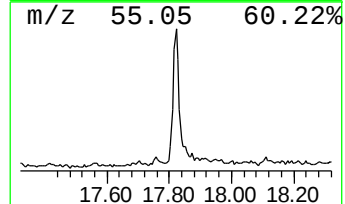
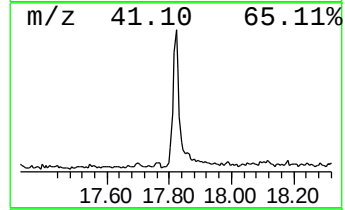
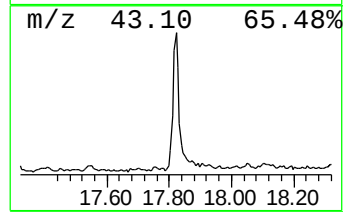
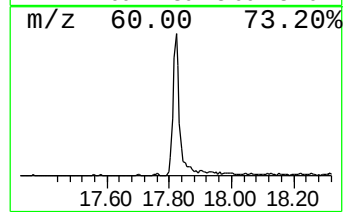
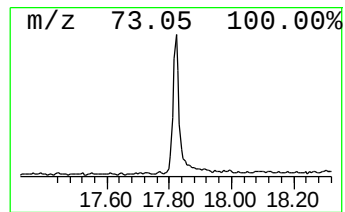
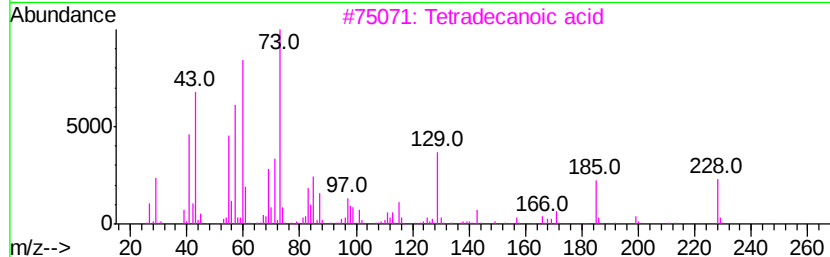
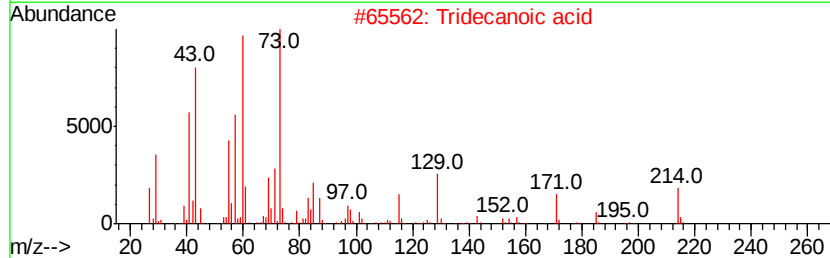
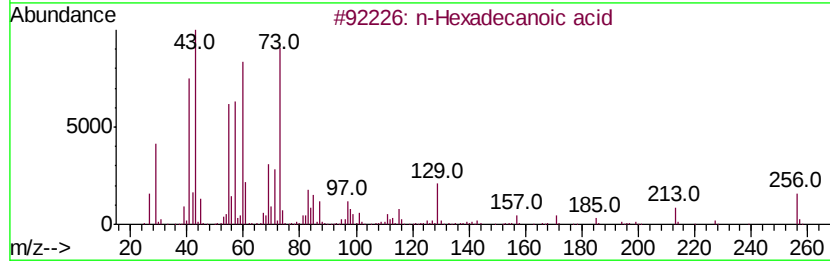
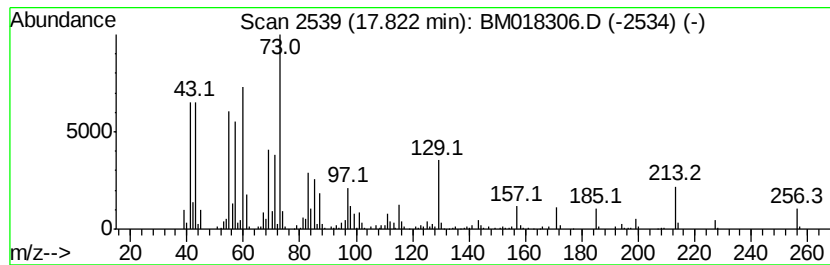
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	16.57 ng	837525	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	68
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



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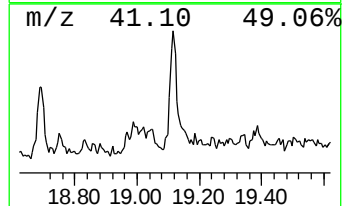
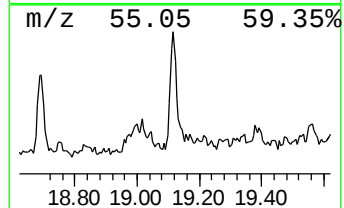
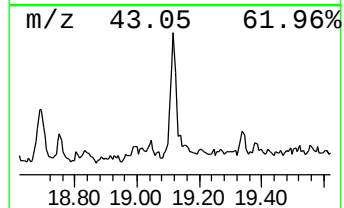
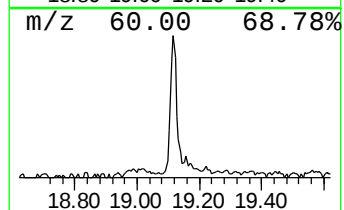
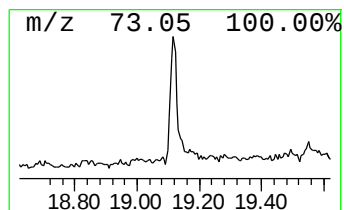
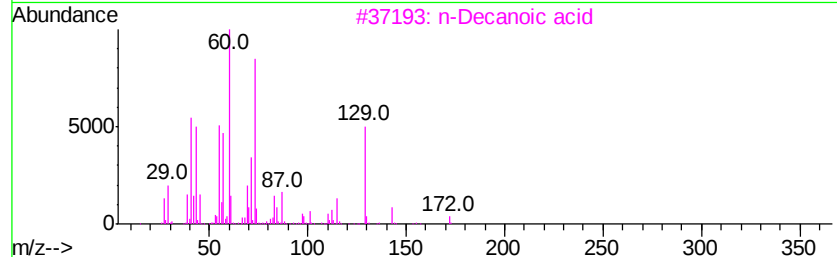
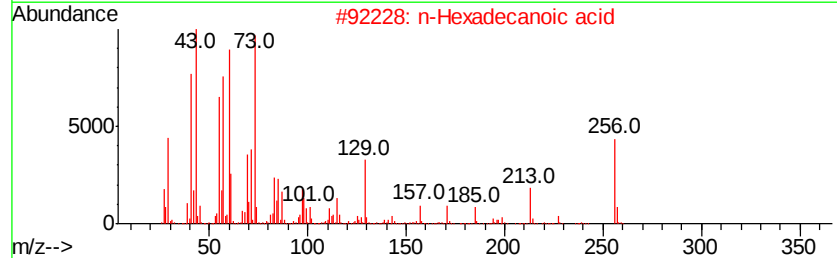
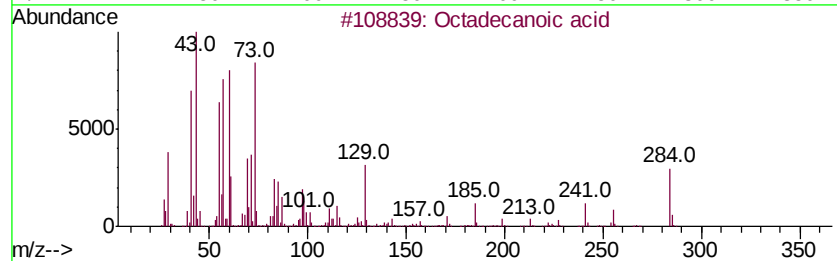
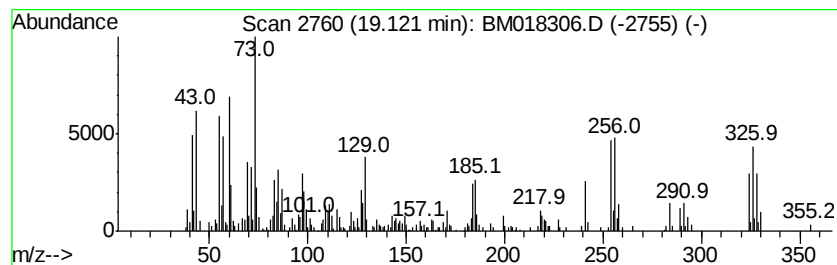
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Peak Number 5 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	7.33 ng	521674	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	68
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
3		n-Decanoic acid	172	C10H20O2	000334-48-5	25
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	15
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	11



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Misc :
ALS Vial : 7 Sample Multiplier: 1

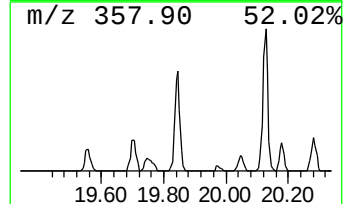
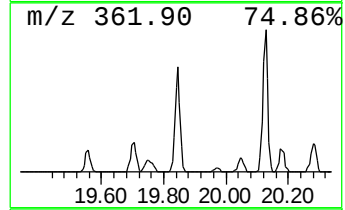
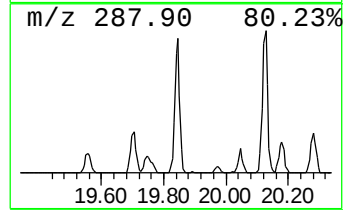
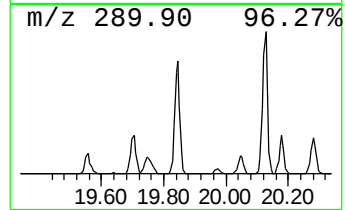
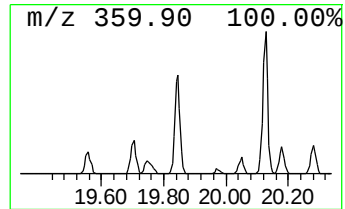
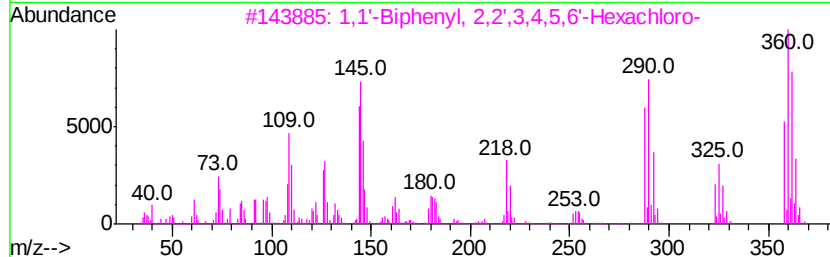
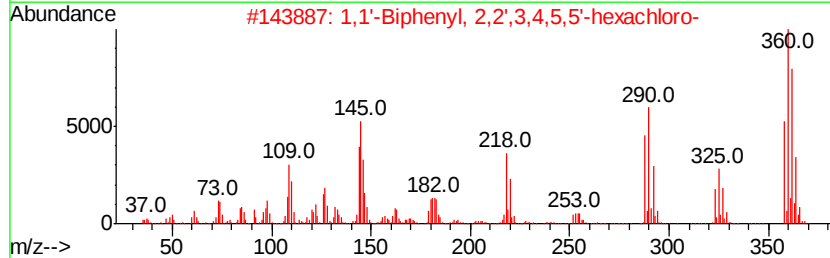
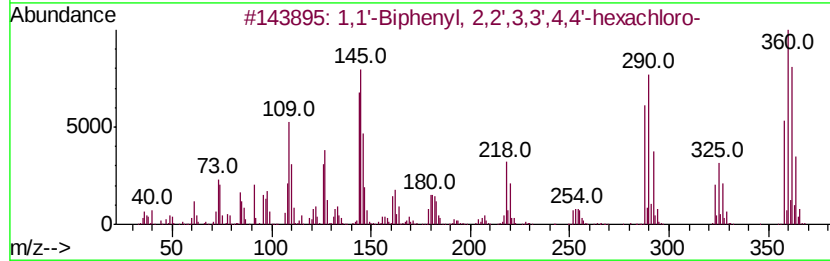
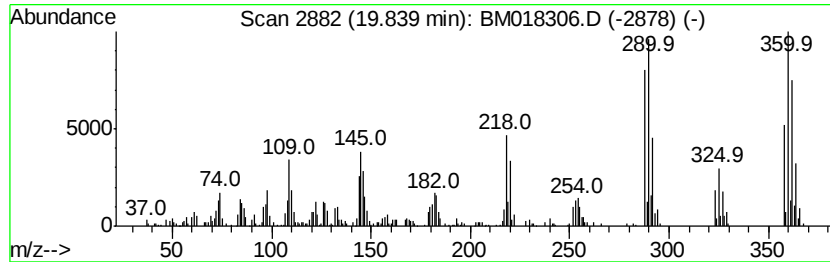
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ClientSampleId :
P001-SS016-1218-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.84	9.02 ng	642017	Chrysene-d12		21.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99	
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99	
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	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'-he...	358	C12H4Cl6	035065-28-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
Sample : J6391-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

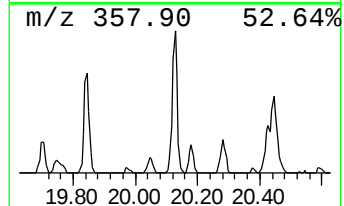
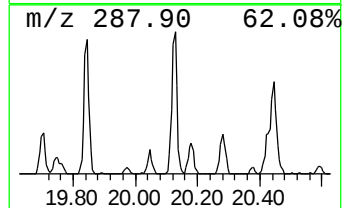
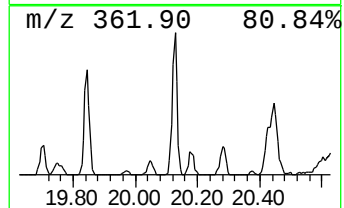
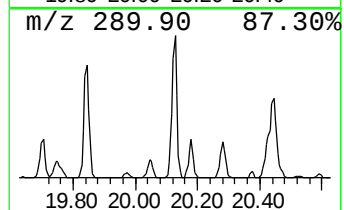
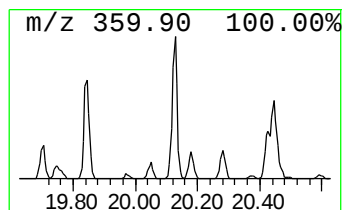
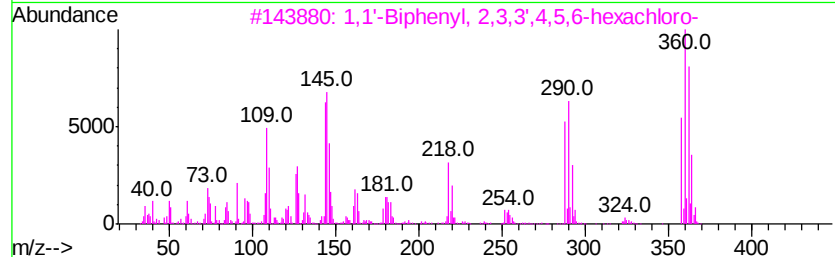
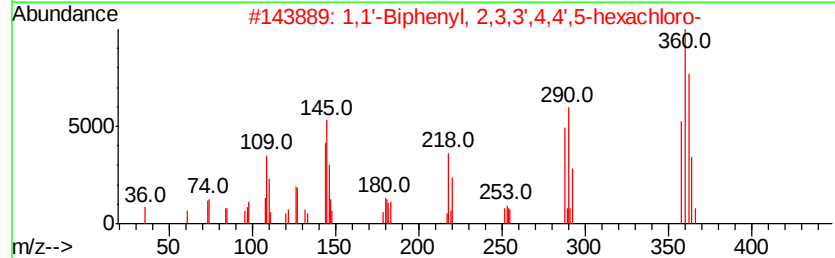
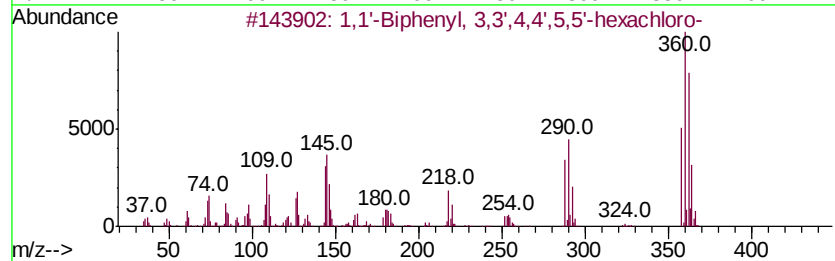
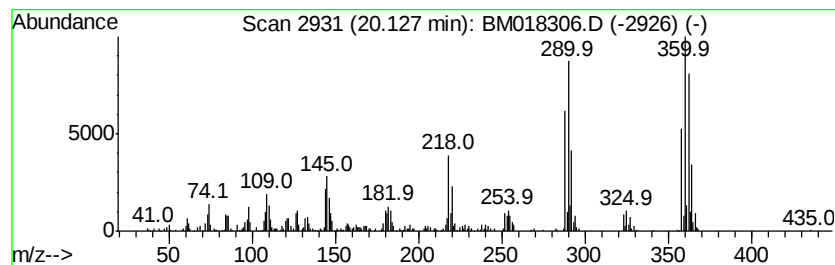
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.13	8.81 ng	626664	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	96
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
Sample : J6391-10
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ALS Vial : 7 Sample Multiplier: 1

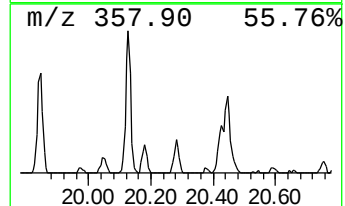
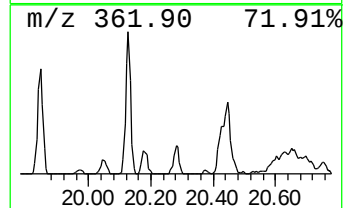
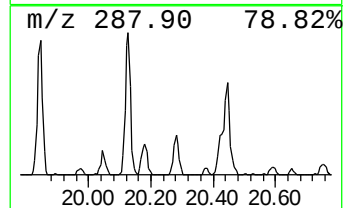
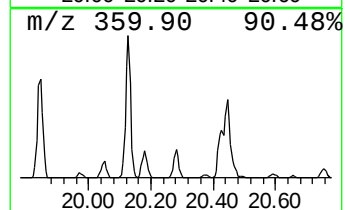
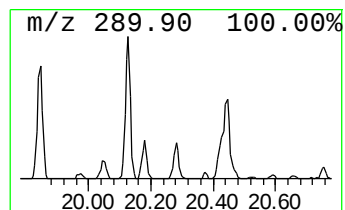
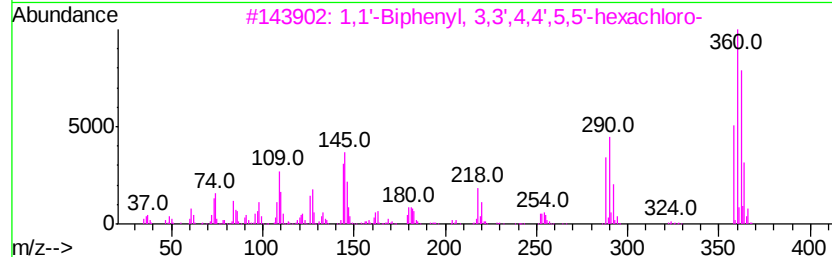
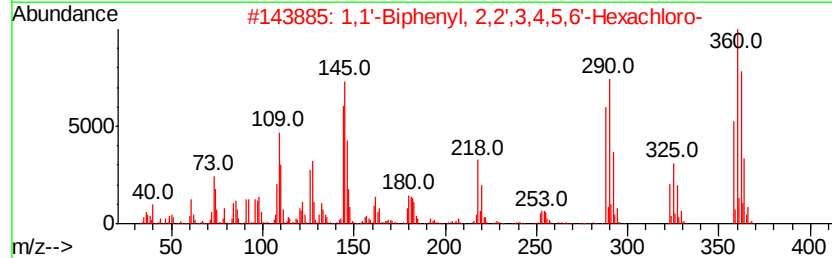
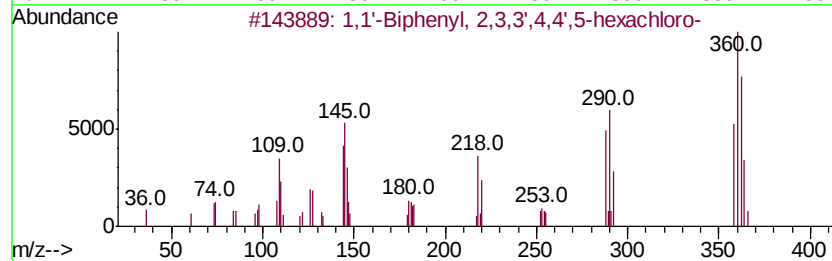
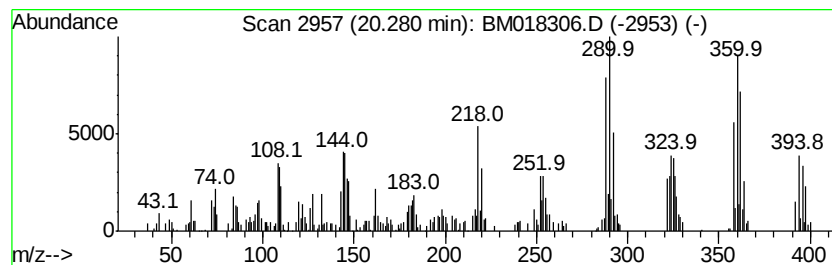
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	4.21 ng	299772	Chrysene-d12	21.13
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',3,4,5,6'-Hex...	358 C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358 C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358 C12H4Cl6	038380-07-3	98
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358 C12H4Cl6	060145-22-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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Operator : JU/SJ
Sample : J6391-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS016-1218-01

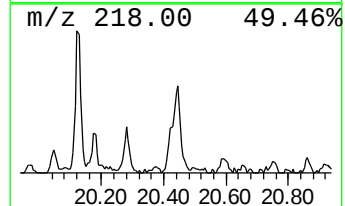
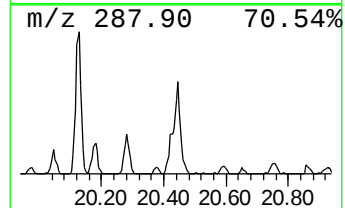
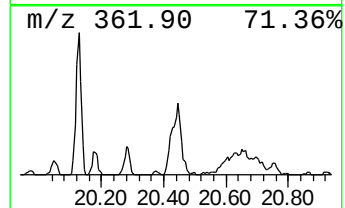
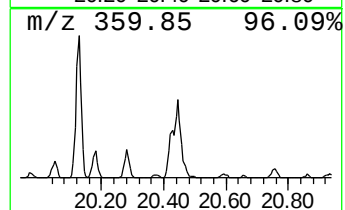
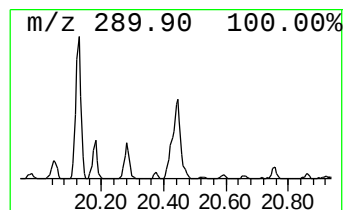
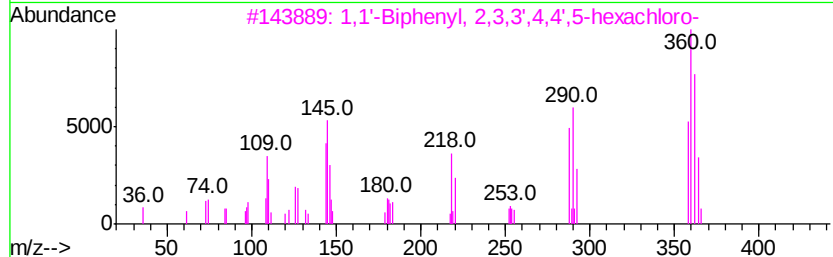
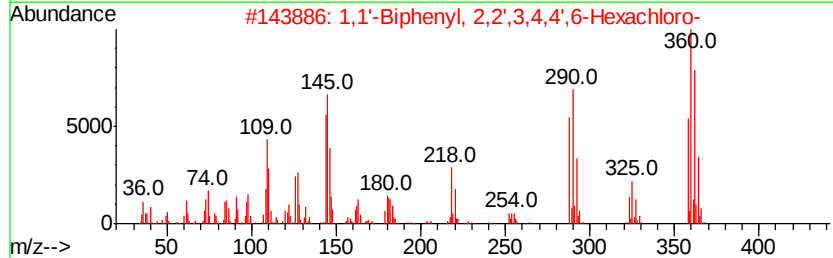
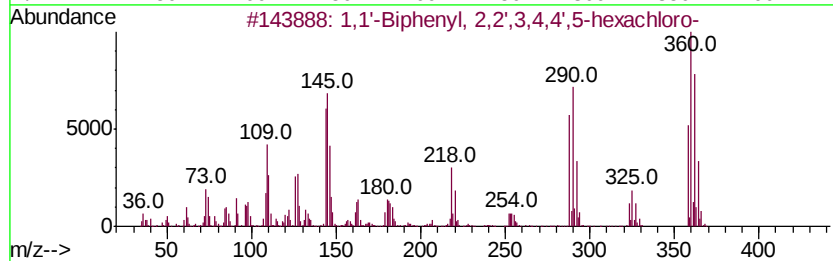
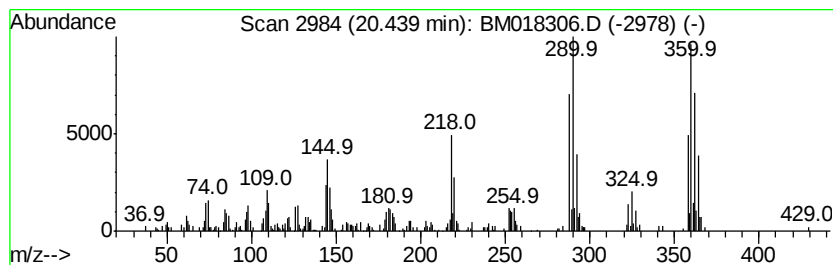
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.74 ng	550437	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
Sample : J6391-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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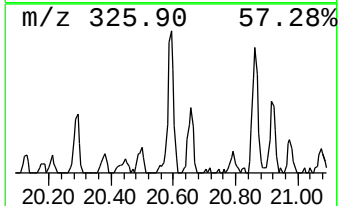
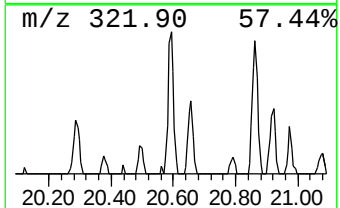
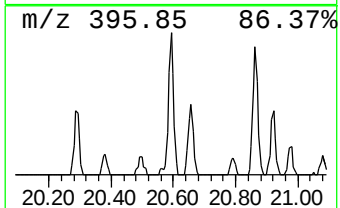
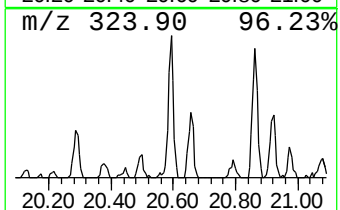
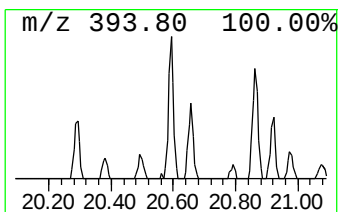
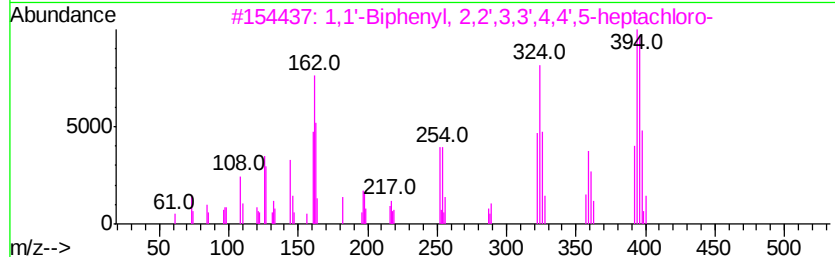
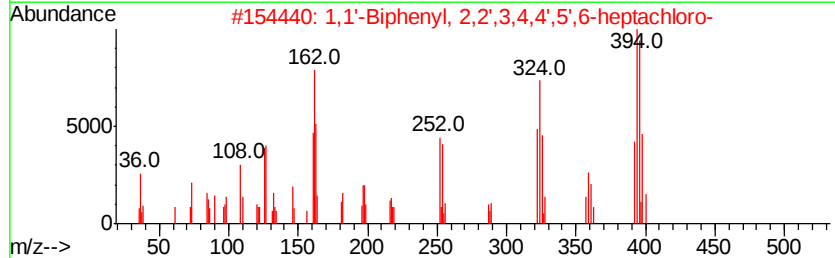
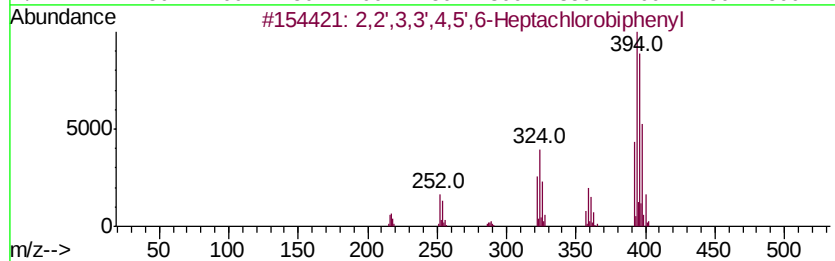
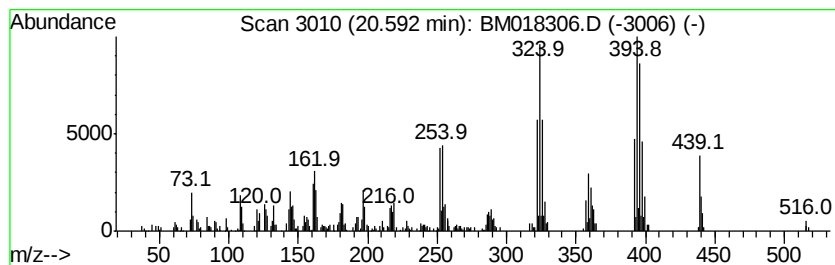
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	5.49 ng	390520	Chrysene-d12	21.13

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',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
3		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
5		1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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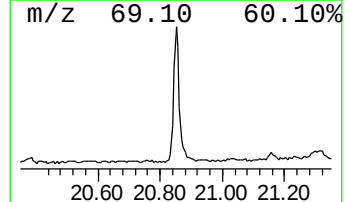
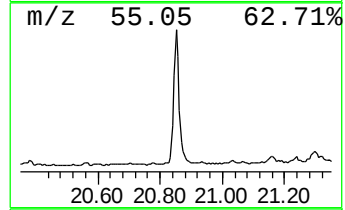
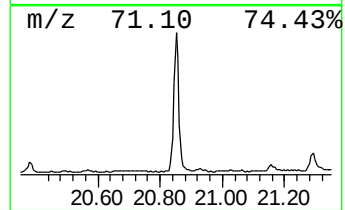
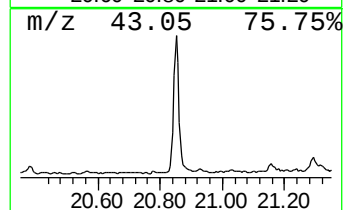
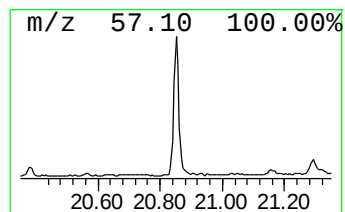
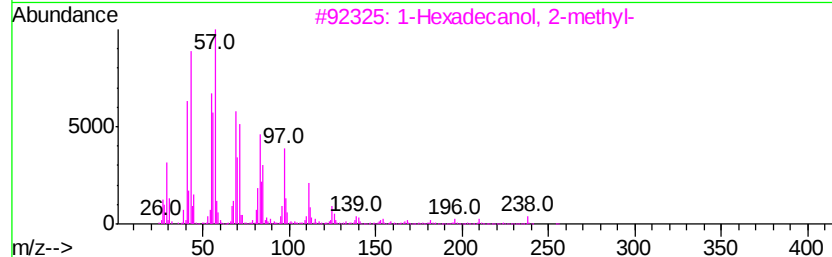
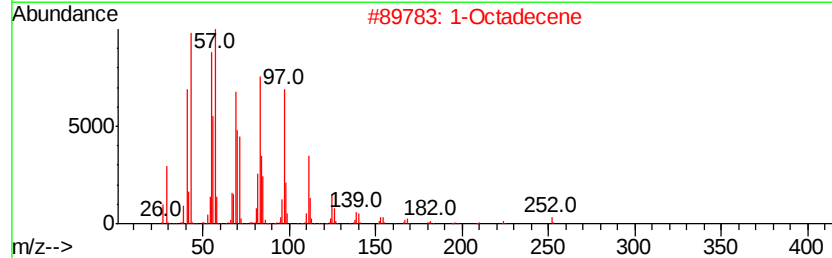
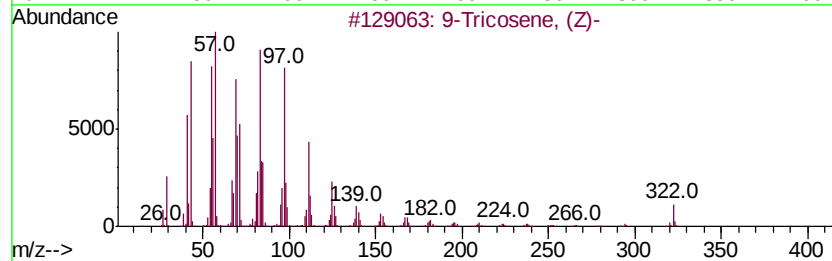
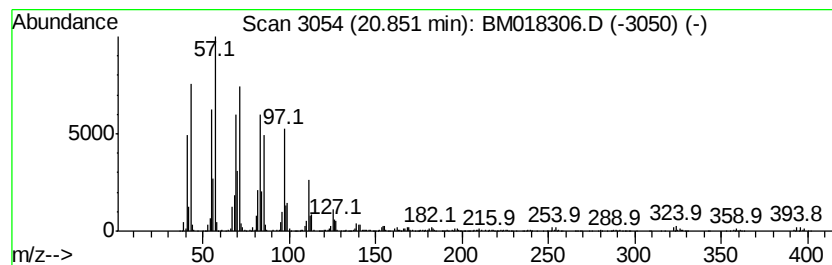
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	33.91 ng	2412680	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2		1-Octadecene	252	C18H36	000112-88-9	83
3		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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ALS Vial : 7 Sample Multiplier: 1

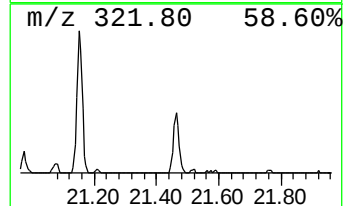
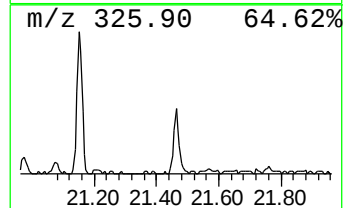
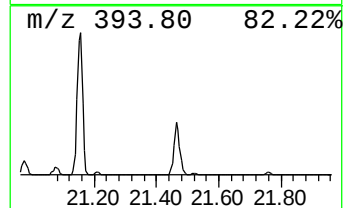
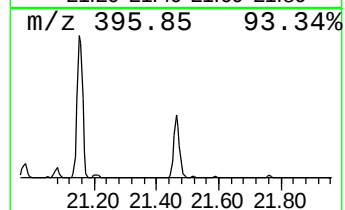
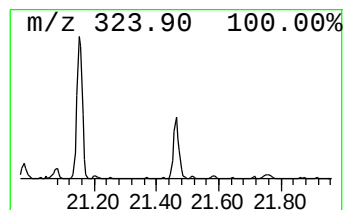
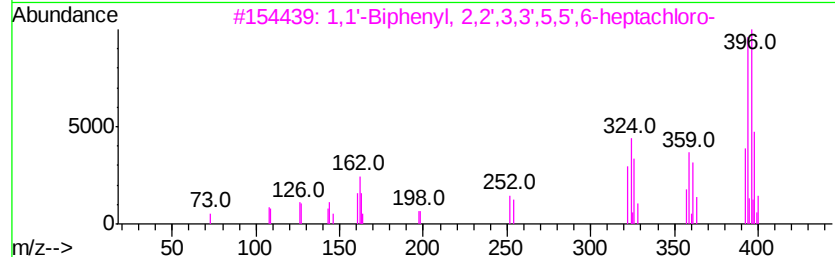
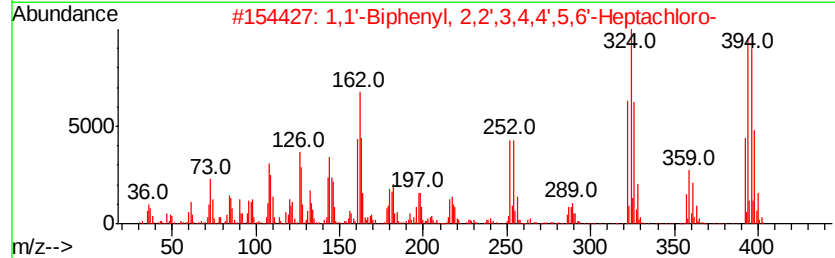
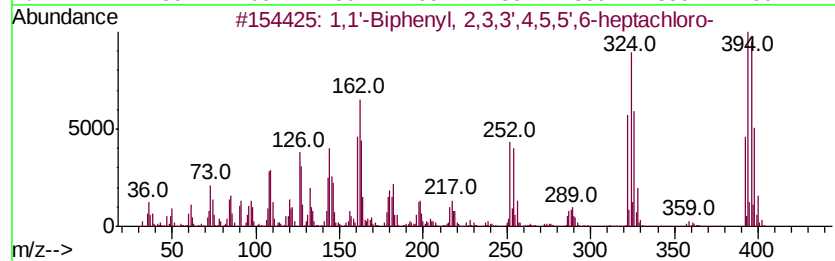
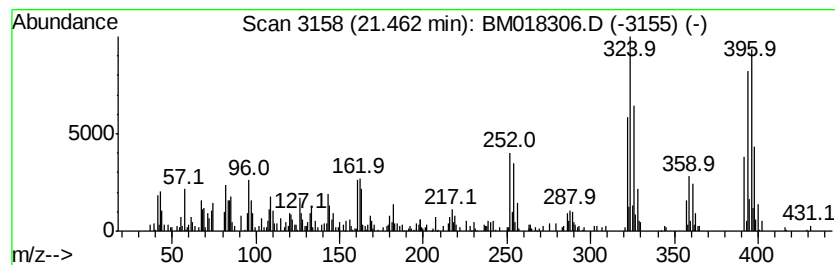
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.46	4.85 ng	344818	Chrysene-d12	21.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	1,1'-Biphenyl,	2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl,	2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	98
4	1,1'-Biphenyl,	2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	95
5	1,1'-Biphenyl,	2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018306.D
 Acq On : 19 Dec 2018 21:00
 Operator : JU/SJ
 Sample : J6391-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS016-1218-01

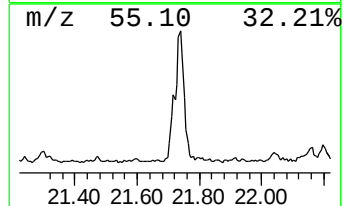
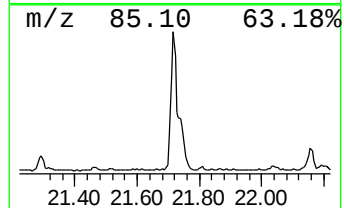
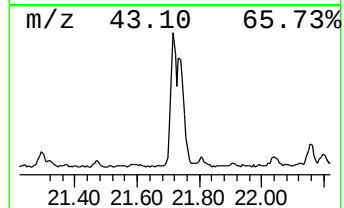
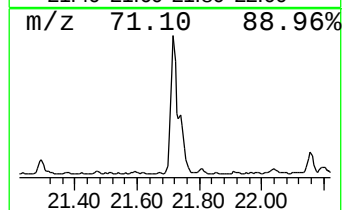
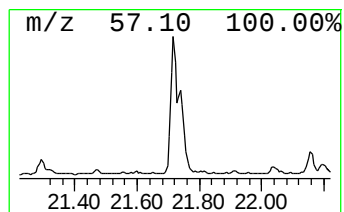
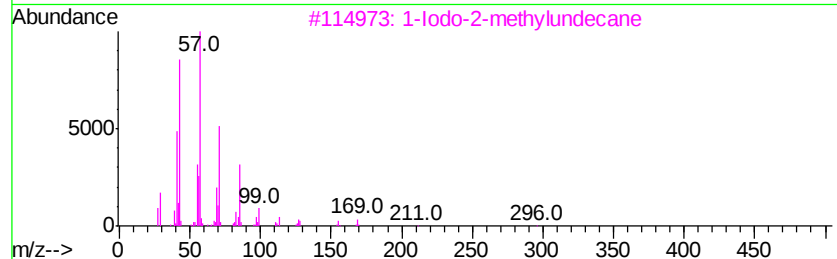
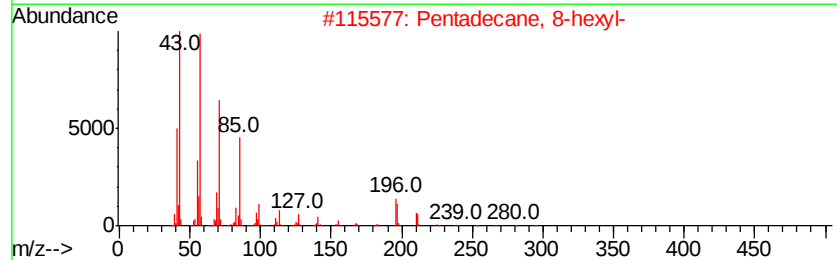
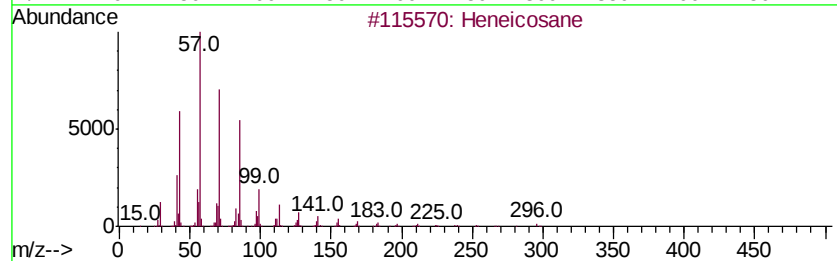
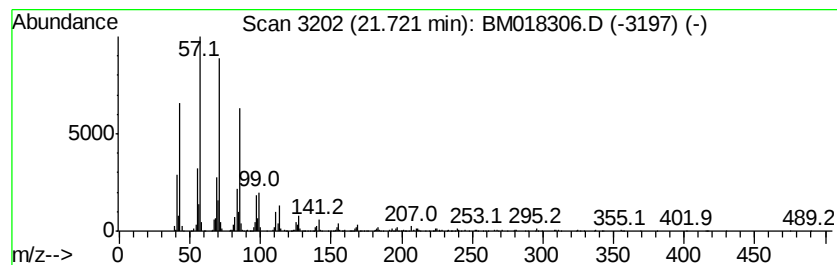
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	20.62 ng	1466820	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
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Instrument :
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ClientSampleId :
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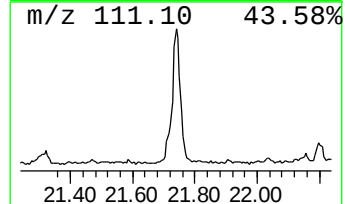
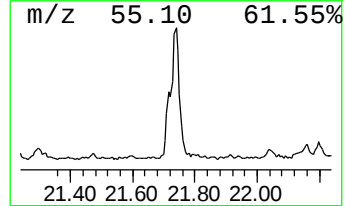
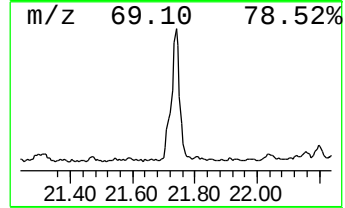
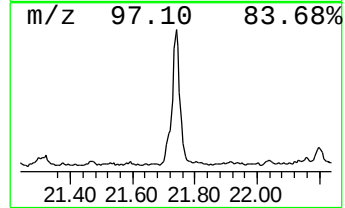
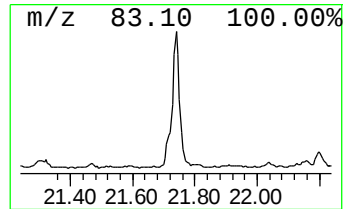
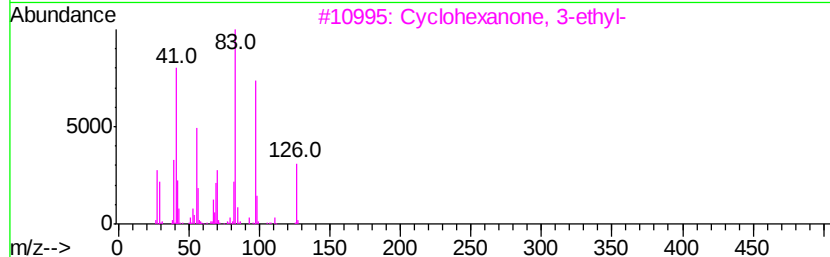
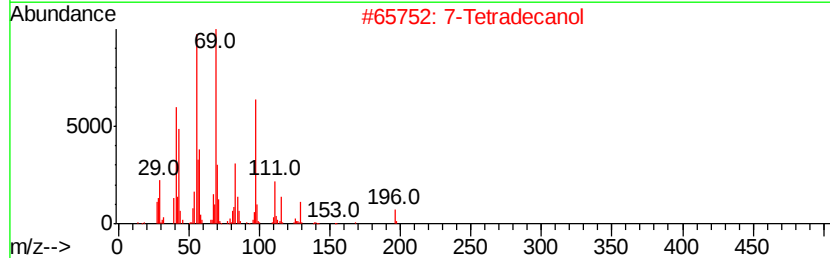
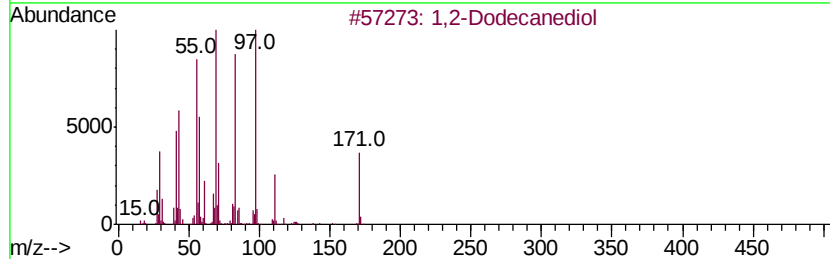
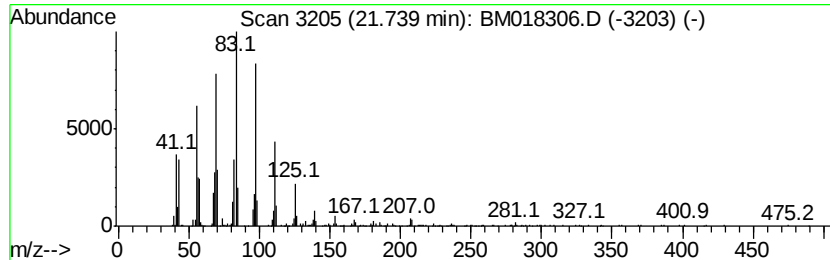
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Dodecanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	26.71 ng	1900530	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Dodecanediol	202	C12H26O2	001119-87-5	59
2		7-Tetradecanol	214	C14H30O	003981-79-1	53
3		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	38
4		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	35
5		1-Heptadecanol	256	C17H36O	001454-85-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018306.D
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Operator : JU/SJ
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Instrument :
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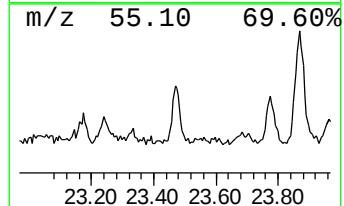
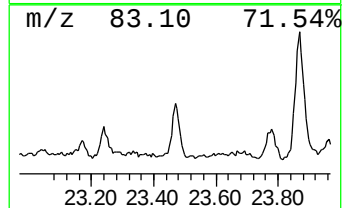
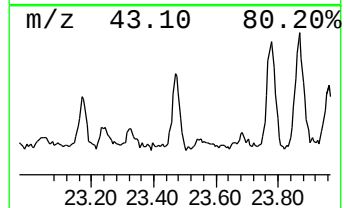
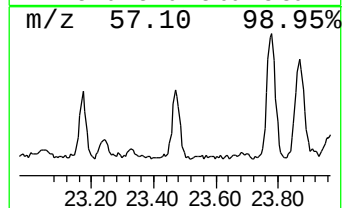
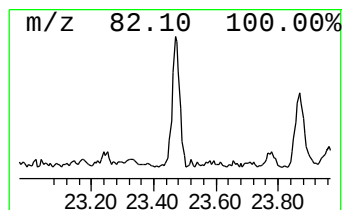
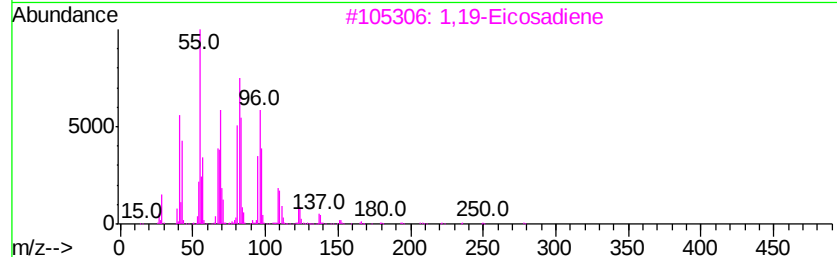
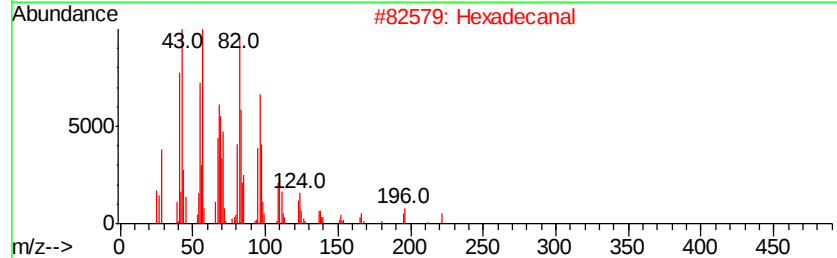
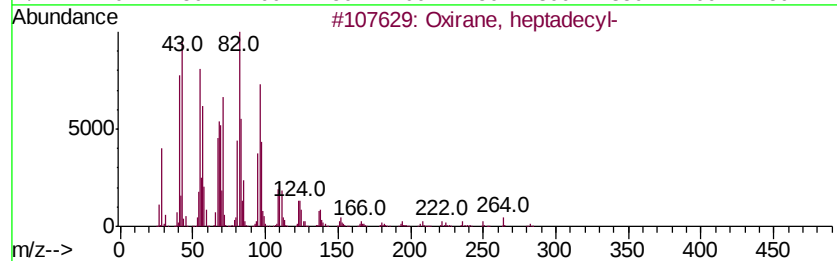
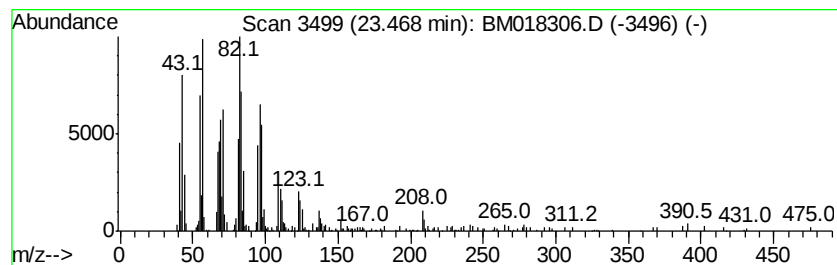
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Oxirane, heptadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	7.30 ng	519897	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2		Hexadecanal	240	C16H32O	000629-80-1	90
3		1,19-Eicosadiene	278	C20H38	014811-95-1	87
4		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	83
5		Tetradecanal	212	C14H28O	000124-25-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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 Acq On : 19 Dec 2018 21:00
 Operator : JU/SJ
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Instrument :
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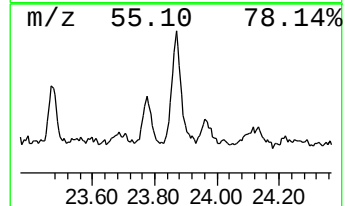
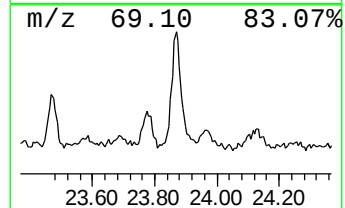
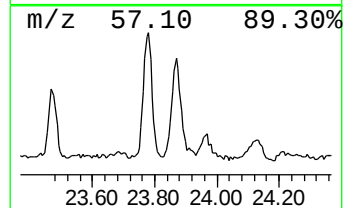
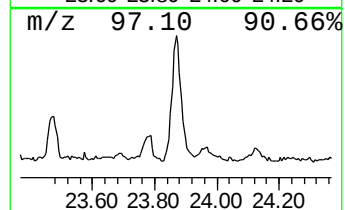
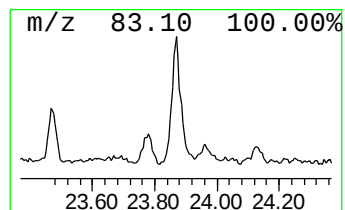
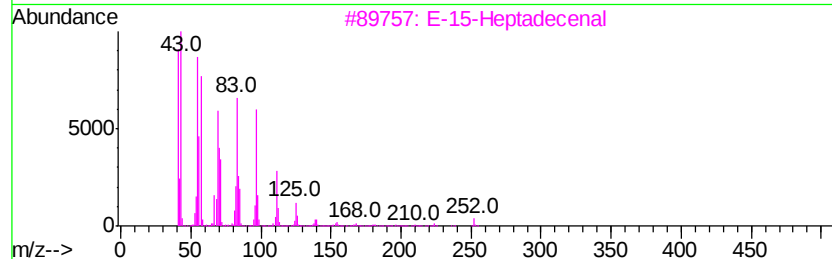
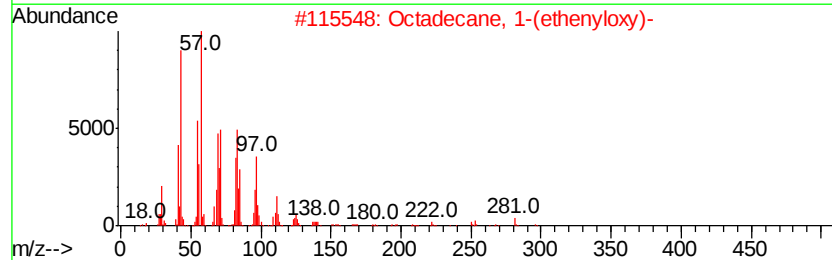
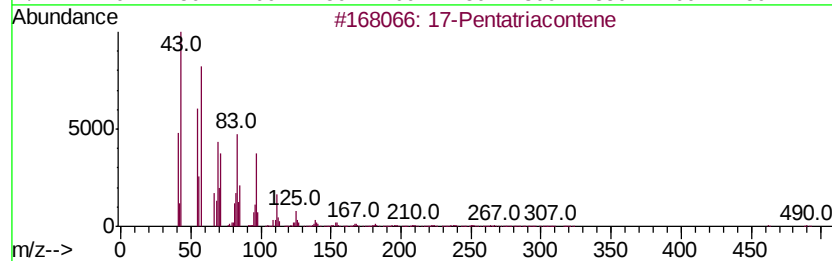
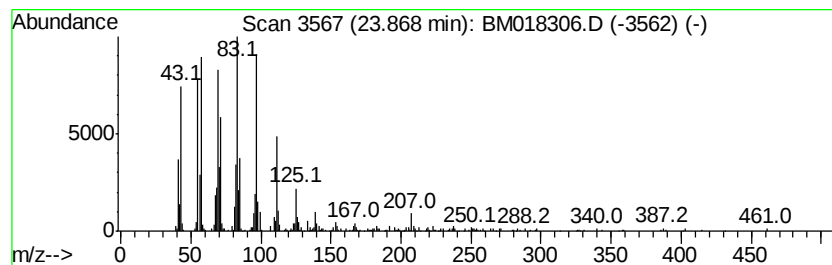
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	10.92 ng	777568	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	90
2		Octadecane, 1-(ethenyloxy)-	296	C20H40	000930-02-9	86
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	68
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	68
5		1-Docosene	308	C22H44	001599-67-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
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Acq On : 19 Dec 2018 21:00
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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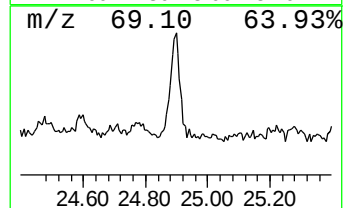
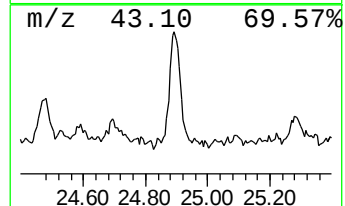
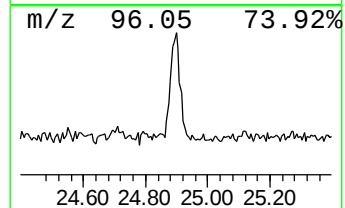
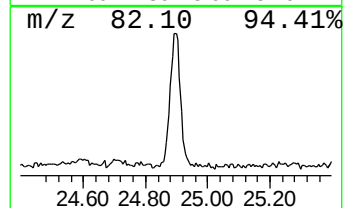
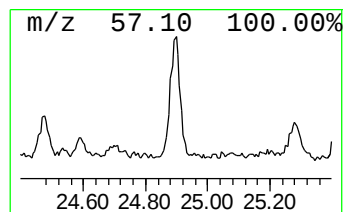
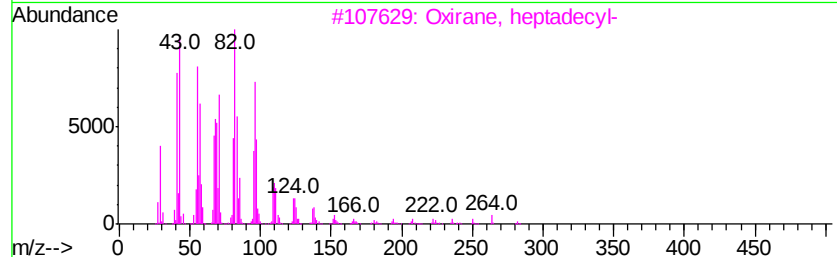
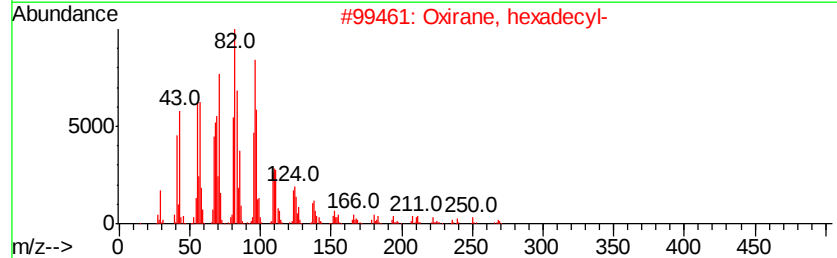
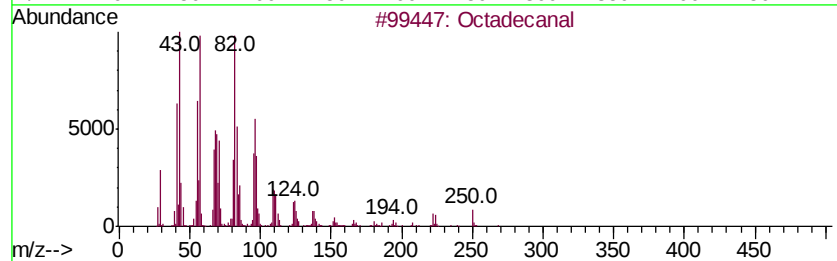
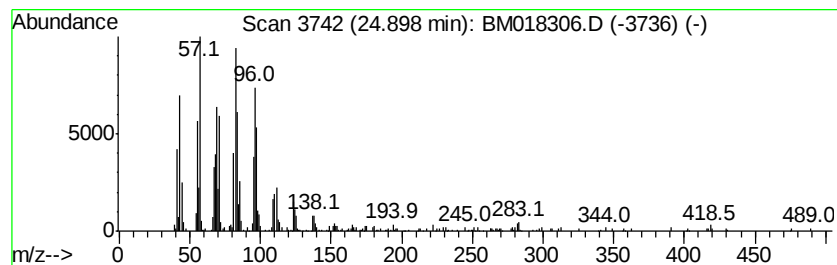
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	11.51 ng	819981	Perylene-d12	23.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	89
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	87
3	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	86
4	Pentadecanal-		226	C15H30O	002765-11-9	80
5	Z-2-Octadecen-1-ol		268	C18H36O	1000131-11-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
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Instrument :
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 ClientSampleId :
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 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
Butanoic acid, 3-...	4.46	4.5 ng		124187	1	7.49	552873	20.0
unknown7.02	7.02	99.1 ng		2740630	1	7.49	552873	20.0
n-Hexadecanoic acid	17.82	16.6 ng		837525	4	16.90	1010780	20.0
Octadecanoic acid	19.12	7.3 ng		521674	5	21.13	1422880	20.0
1,1'-Biphenyl, 2,...	19.84	9.0 ng		642017	5	21.13	1422880	20.0
1,1'-Biphenyl, 3,...	20.13	8.8 ng		626664	5	21.13	1422880	20.0
1,1'-Biphenyl, 2,...	20.28	4.2 ng		299772	5	21.13	1422880	20.0
1,1'-Biphenyl, 2,...	20.44	7.7 ng		550437	5	21.13	1422880	20.0
2,2',3,3',4,5',6-...	20.59	5.5 ng		390520	5	21.13	1422880	20.0
9-Tricosene, (Z)-	20.85	33.9 ng		2412680	5	21.13	1422880	20.0
1,1'-Biphenyl, 2,...	21.46	4.8 ng		344818	5	21.13	1422880	20.0
Heneicosane	21.72	20.6 ng		1466820	5	21.13	1422880	20.0
1,2-Dodecanediol	21.74	26.7 ng		1900530	5	21.13	1422880	20.0
Oxirane, heptadecyl-	23.47	7.3 ng		519897	6	23.29	1424370	20.0
17-Pentatriacontene	23.87	10.9 ng		777568	6	23.29	1424370	20.0
Octadecanal	24.90	11.5 ng		819981	6	23.29	1424370	20.0