

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111757.D
 Acq On : 27 Dec 2018 12:55
 Operator : JU/SJ
 Sample : J6446-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

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_F\METHODS\8270-BF121918.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	2.228	17	24	29	rVB	41606	65169	1.07%	0.095%
2	4.022	321	329	333	rBV	121314	162757	2.68%	0.238%
3	5.134	513	518	525	rVB	156970	202498	3.33%	0.296%
4	5.545	578	588	591	rBV	3156516	3100899	51.04%	4.526%
5	6.545	753	758	763	rBV	2997677	3320968	54.66%	4.847%
6	6.681	776	781	784	rBV	3656908	3200661	52.68%	4.672%
7	6.904	815	819	822	rBV	1129945	906417	14.92%	1.323%
8	7.063	841	846	849	rBV	2949292	2517631	41.44%	3.675%
9	7.463	908	914	917	rBV	2131620	2017390	33.21%	2.944%
10	8.186	1033	1037	1040	rBV	1294161	1055949	17.38%	1.541%
11	9.257	1214	1219	1222	rBV	4007176	3408709	56.11%	4.975%
12	9.345	1229	1234	1239	rBV3	89406	125854	2.07%	0.184%
13	9.392	1239	1242	1249	rVB	60528	72011	1.19%	0.105%
14	9.645	1280	1285	1291	rVB2	300176	325173	5.35%	0.475%
15	9.939	1331	1335	1339	rVB	1321628	1083156	17.83%	1.581%
16	10.104	1359	1363	1366	rBV	159533	131461	2.16%	0.192%
17	10.727	1465	1469	1472	rBV	2233018	1933451	31.82%	2.822%
18	10.969	1506	1510	1513	rBV	175058	146144	2.41%	0.213%
19	11.086	1524	1530	1534	rBV3	108555	196905	3.24%	0.287%
20	11.127	1534	1537	1543	rVV2	215126	208585	3.43%	0.304%
21	11.180	1543	1546	1551	rVB3	67572	77677	1.28%	0.113%
22	11.380	1577	1580	1581	rBV3	57577	61460	1.01%	0.090%
23	11.398	1581	1583	1585	rVV	207156	170979	2.81%	0.250%
24	11.427	1585	1588	1591	rVV	1086353	992267	16.33%	1.448%
25	11.474	1591	1596	1600	rVB2	367933	407655	6.71%	0.595%
26	11.539	1604	1607	1611	rVV4	85260	98603	1.62%	0.144%
27	11.580	1611	1614	1617	rVV2	174078	159212	2.62%	0.232%
28	11.645	1622	1625	1629	rVB	201286	210789	3.47%	0.308%
29	11.763	1642	1645	1648	rBV3	57476	85554	1.41%	0.125%
30	11.951	1674	1677	1684	rVB2	431892	481503	7.93%	0.703%
31	12.039	1689	1692	1695	rVB	167839	139713	2.30%	0.204%
32	12.074	1695	1698	1701	rBV3	152295	157298	2.59%	0.230%
33	12.127	1704	1707	1713	rVB2	82219	112996	1.86%	0.165%
34	12.210	1716	1721	1722	rBV2	87067	107154	1.76%	0.156%

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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

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35	12.463	1762	1764	1767	rVB	79481	65262	1.07%	0.095%
36	12.510	1770	1772	1774	rVV2	122448	105151	1.73%	0.153%
37	12.557	1774	1780	1783	rVB2	527959	695465	11.45%	1.015%
38	12.692	1799	1803	1807	rBV2	358706	365969	6.02%	0.534%
39	12.733	1807	1810	1814	rVB	557580	477701	7.86%	0.697%
40	12.951	1845	1847	1850	rVB2	88102	64771	1.07%	0.095%
41	13.010	1853	1857	1862	rVB	3372341	3132431	51.56%	4.572%
42	13.104	1870	1873	1876	rBV	447447	377044	6.21%	0.550%
43	13.133	1876	1878	1884	rVB2	191838	228260	3.76%	0.333%
44	13.198	1886	1889	1894	rBV2	1214150	1358920	22.37%	1.983%
45	13.239	1894	1896	1899	rVB	541299	463674	7.63%	0.677%
46	13.280	1901	1903	1906	rBV3	100863	70931	1.17%	0.104%
47	13.333	1910	1912	1914	rBV	177093	160987	2.65%	0.235%
48	13.386	1918	1921	1924	rBV	1285777	1129749	18.60%	1.649%
49	13.421	1924	1927	1930	rBV2	296431	301406	4.96%	0.440%
50	13.457	1931	1933	1935	rBV	94076	72786	1.20%	0.106%
51	13.492	1936	1939	1942	rBV2	567878	581904	9.58%	0.849%
52	13.604	1952	1958	1962	rVB2	752503	1106427	18.21%	1.615%
53	13.639	1962	1964	1967	rVB	124380	93672	1.54%	0.137%
54	13.704	1972	1975	1978	rVB2	826614	759393	12.50%	1.108%
55	13.751	1980	1983	1986	rBV	332089	276093	4.54%	0.403%
56	13.815	1991	1994	1996	rBV3	158966	208625	3.43%	0.304%
57	13.904	2004	2009	2016	rVB3	2924813	4669533	76.86%	6.815%
58	14.068	2034	2037	2039	rVB	1005500	898067	14.78%	1.311%
59	14.098	2039	2042	2045	rBV	1269092	1084835	17.86%	1.583%
60	14.227	2061	2064	2069	rVB3	412163	585131	9.63%	0.854%
61	14.315	2076	2079	2082	rBV	559722	546165	8.99%	0.797%
62	14.351	2082	2085	2089	rVV2	451120	569558	9.37%	0.831%
63	14.404	2092	2094	2097	rBV	254314	221328	3.64%	0.323%
64	14.539	2113	2117	2123	rVV	5389864	6075361	100.00%	8.867%
65	14.586	2123	2125	2130	rVB	240444	250145	4.12%	0.365%
66	14.780	2155	2158	2162	rVB3	238871	262676	4.32%	0.383%
67	14.845	2167	2169	2171	rBV	252057	236438	3.89%	0.345%
68	14.992	2191	2194	2201	rVB	847667	939421	15.46%	1.371%
69	15.198	2224	2229	2231	rBV	1807781	2541817	41.84%	3.710%
70	15.274	2240	2242	2253	rVB	530892	772930	12.72%	1.128%
71	15.557	2286	2290	2292	rBV	553840	700102	11.52%	1.022%

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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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72	15.786	2325	2329	2333	rBV	711021	986889	16.24%	1.440%
73	16.033	2366	2371	2375	rBV	884512	1308703	21.54%	1.910%
74	16.080	2376	2379	2384	rVV	341080	481587	7.93%	0.703%
75	16.156	2388	2392	2397	rVB	498690	733921	12.08%	1.071%
76	16.851	2506	2510	2519	rVB2	418465	800554	13.18%	1.168%
77	17.356	2590	2596	2601	rBV	391066	869510	14.31%	1.269%
78	17.415	2602	2606	2614	rVB3	336841	695844	11.45%	1.016%
79	17.762	2660	2665	2675	rVB5	497028	1197714	19.71%	1.748%
80	18.221	2736	2743	2756	rVB2	534312	1544537	25.42%	2.254%

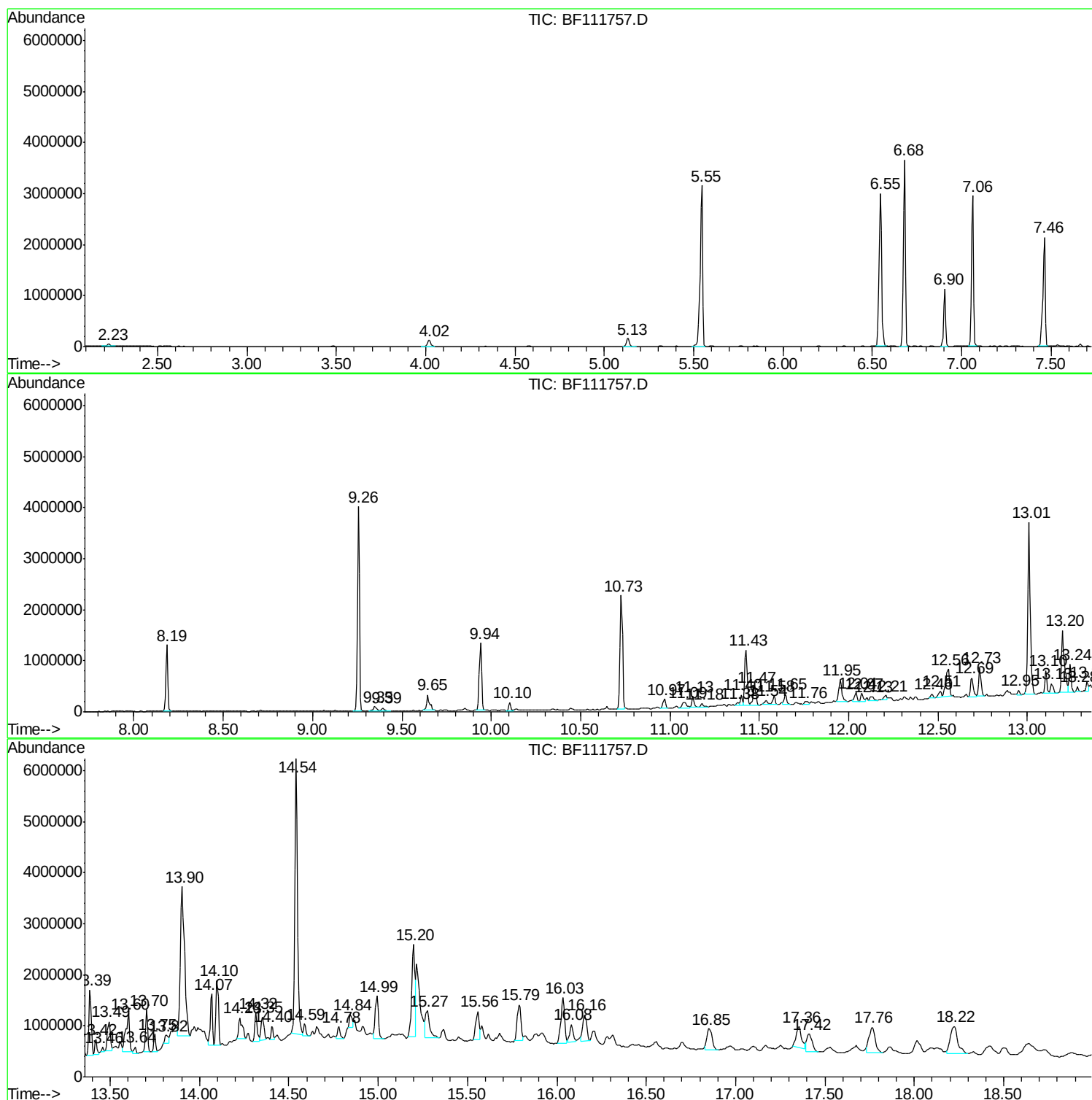
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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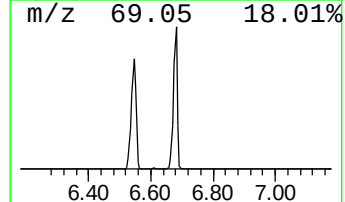
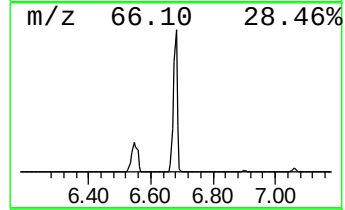
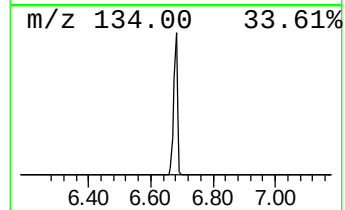
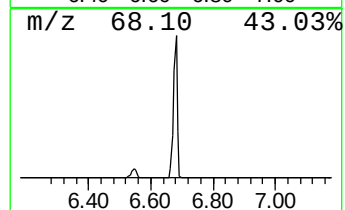
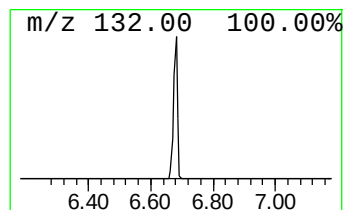
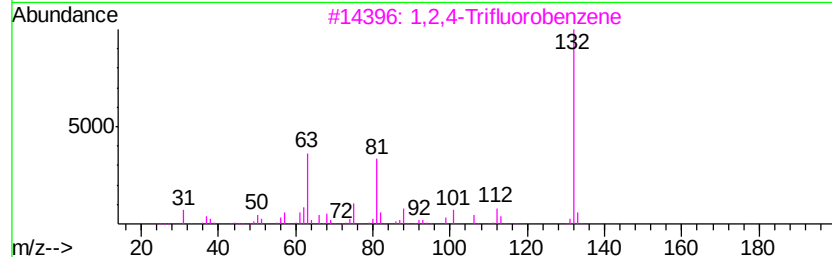
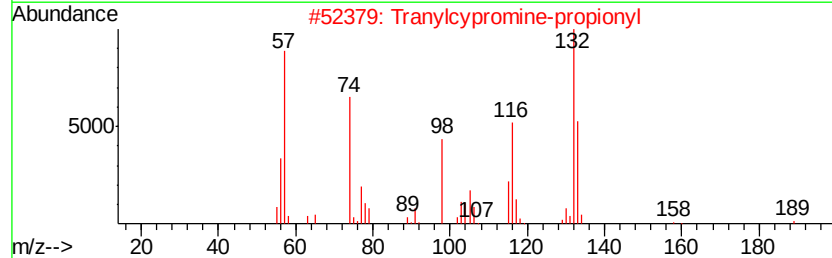
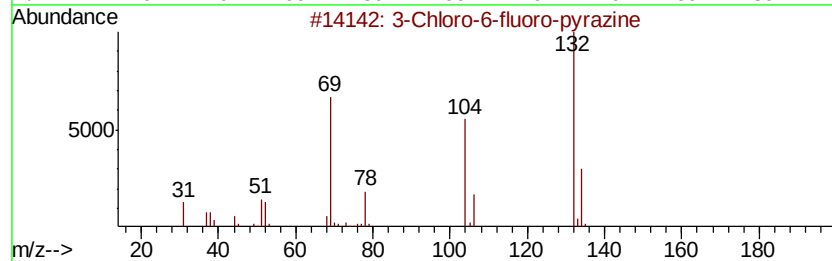
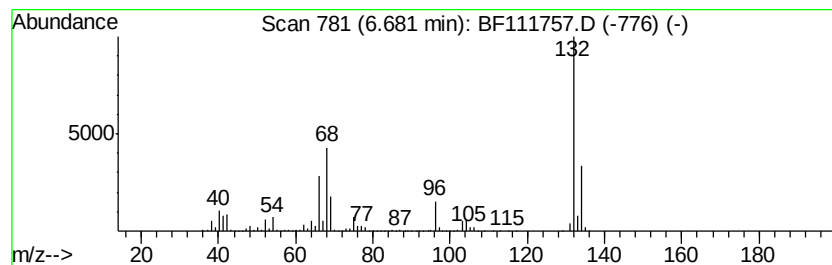
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	70.62 ng	3200660	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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ALS Vial : 5 Sample Multiplier: 1

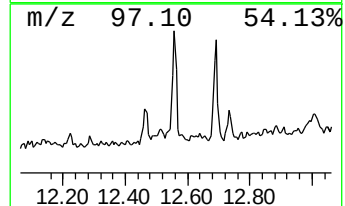
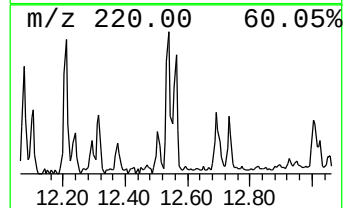
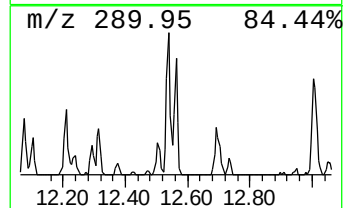
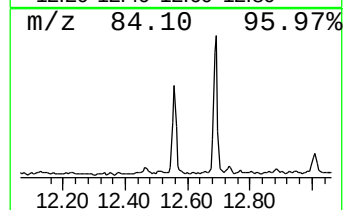
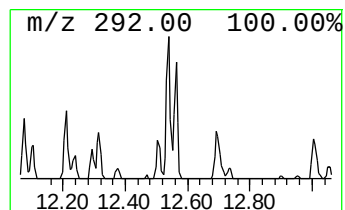
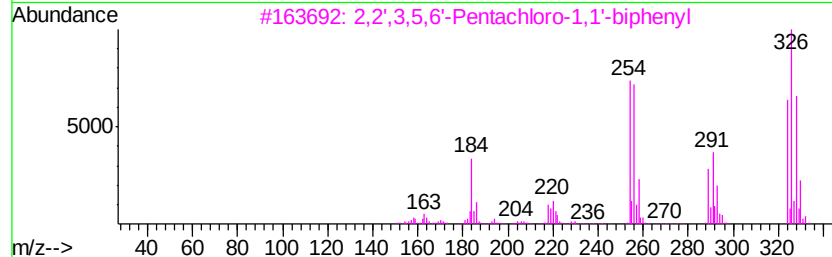
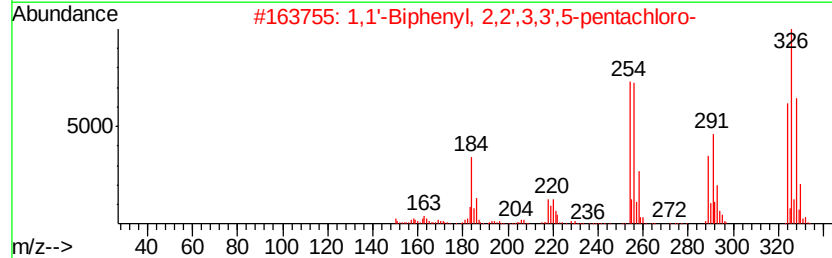
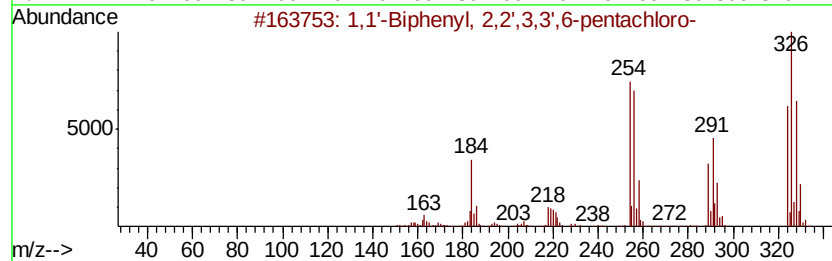
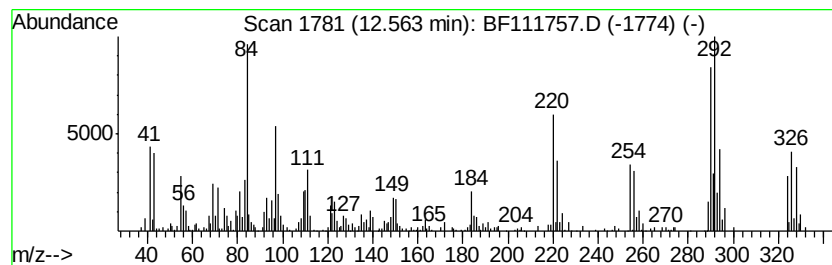
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	14.02 ng	695465	Phenanthrene-d10	11.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'	-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	2,2',3,5,6'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
4	2,2',3,4,6'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'	-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99



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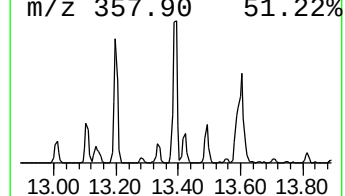
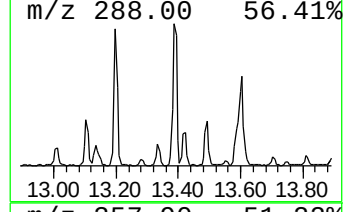
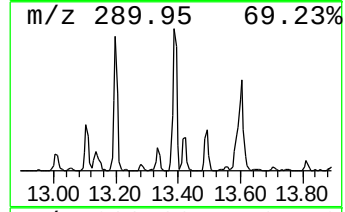
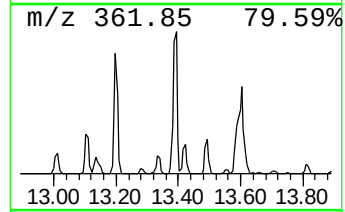
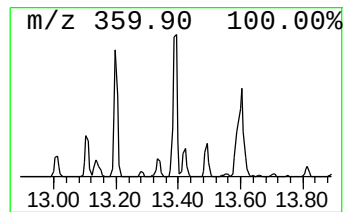
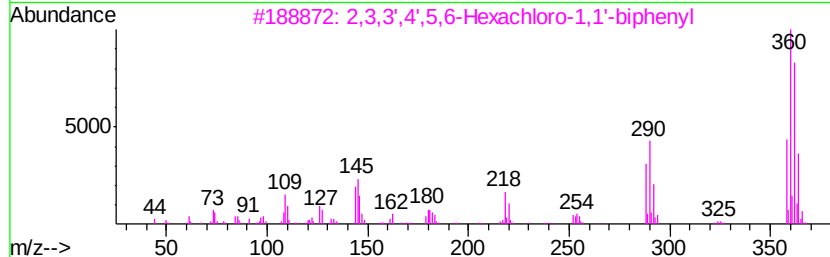
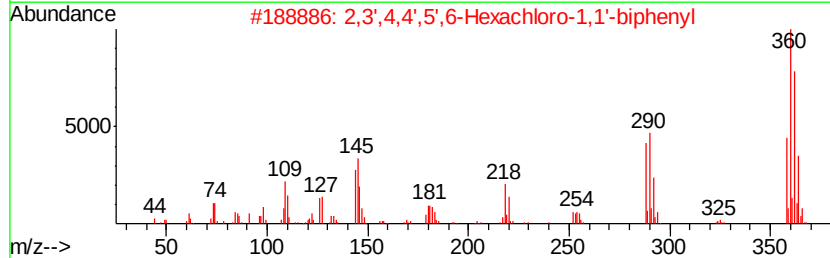
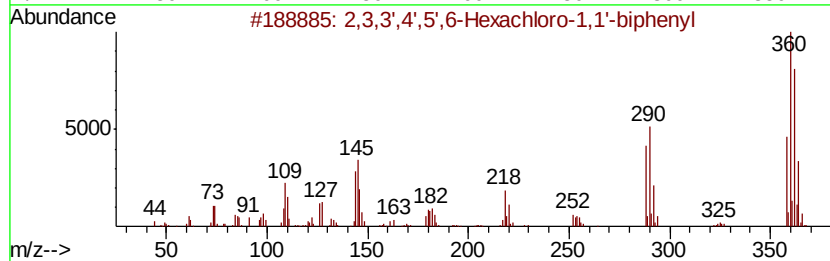
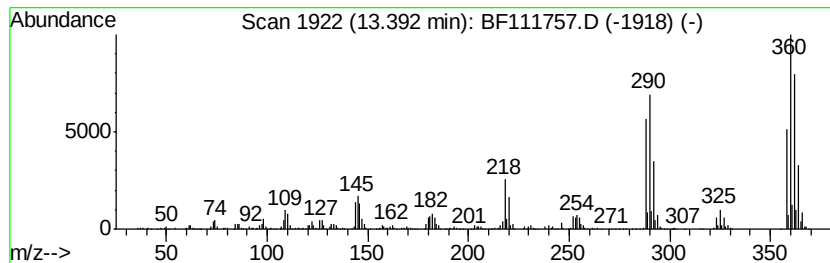
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.39	25.16 ng	1129750	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
3	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99	
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	



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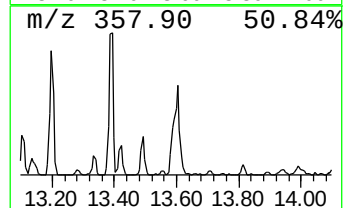
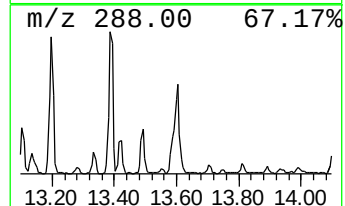
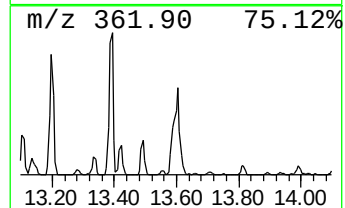
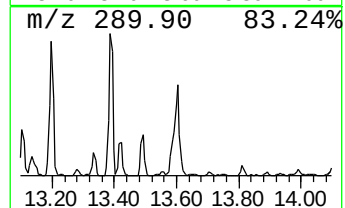
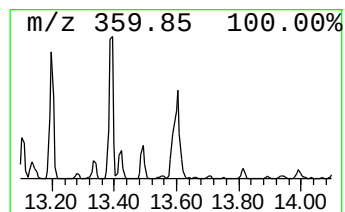
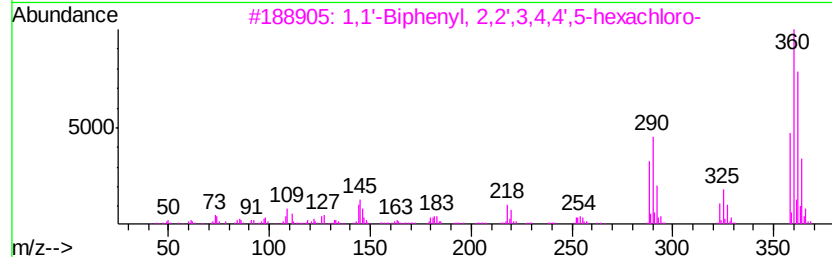
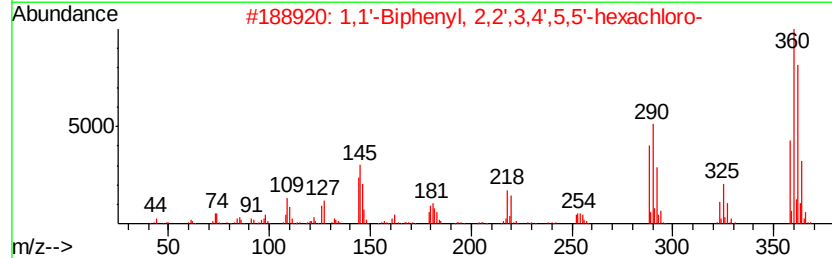
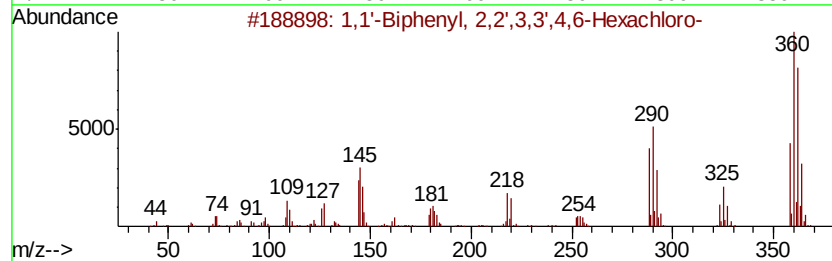
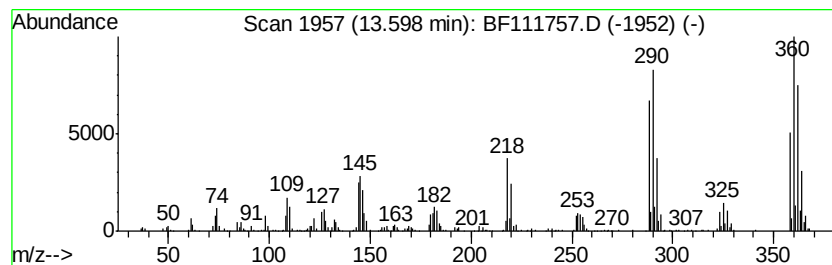
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.60	24.64 ng	1106430	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99	
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99	
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111757.D
Acq On : 27 Dec 2018 12:55
Operator : JU/SJ
Sample : J6446-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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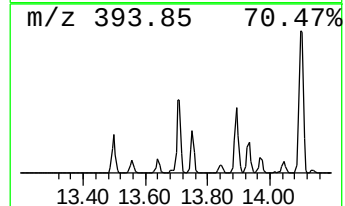
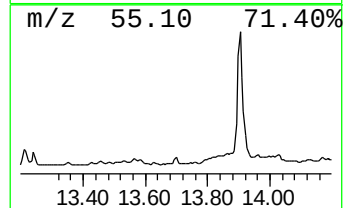
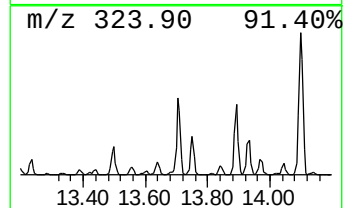
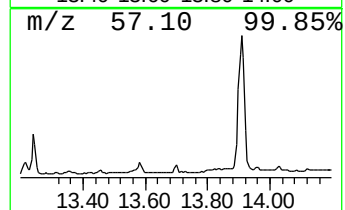
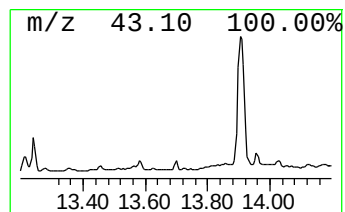
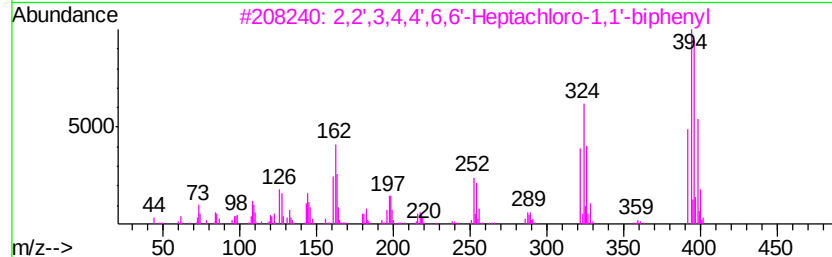
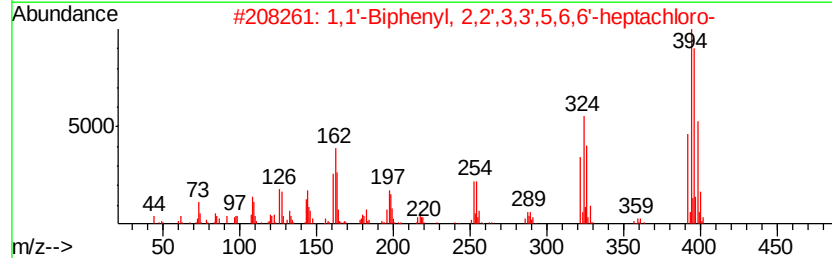
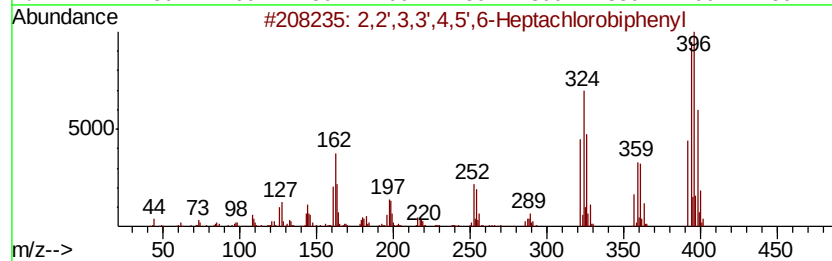
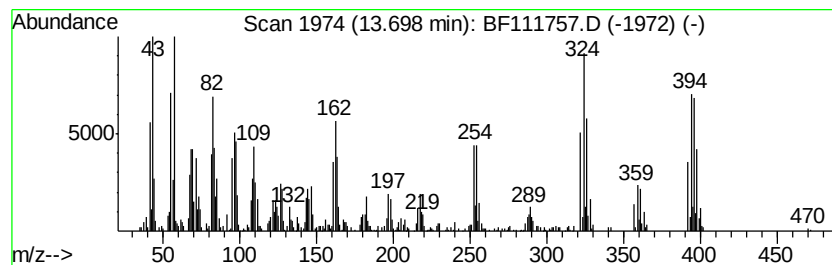
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	16.91 ng	759393	Chrysene-d12	14.07

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',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
3		2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
4		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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Sample : J6446-11
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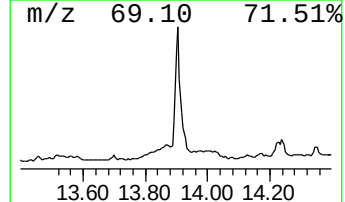
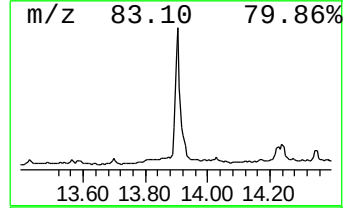
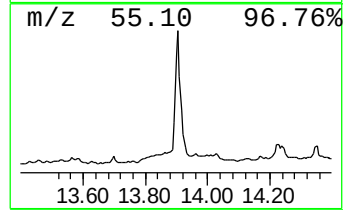
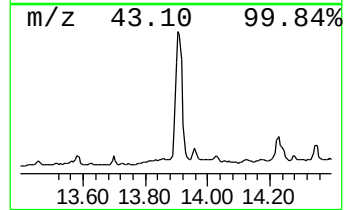
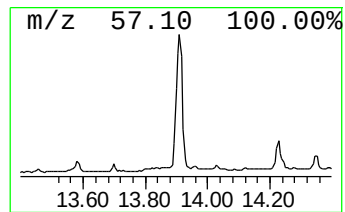
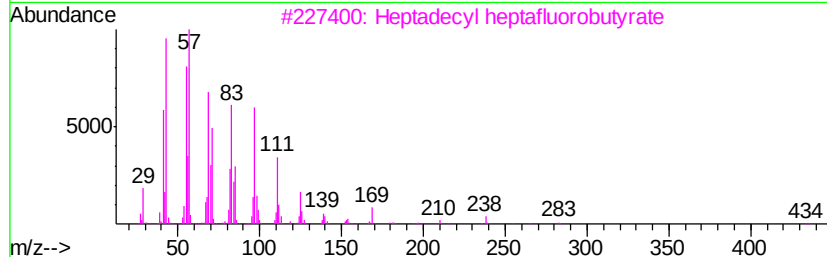
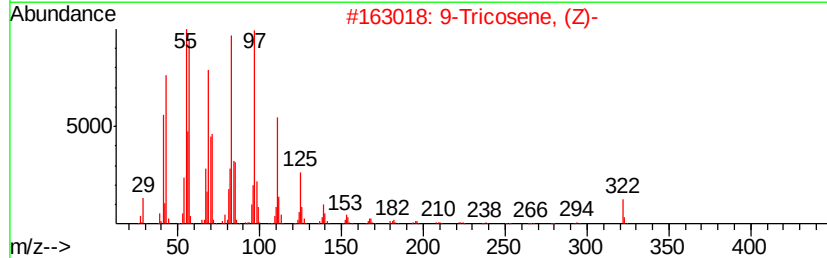
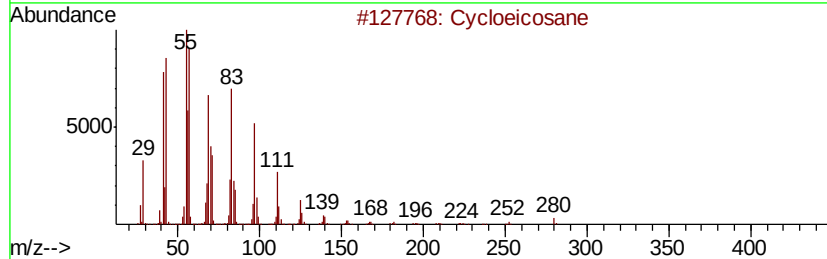
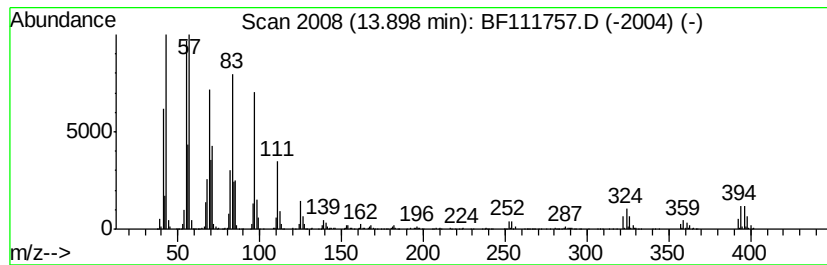
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	103.99 ng	4669530	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 97
2		9-Tricosene, (Z)-	322 C23H46	027519-02-4 96
3		Heptadecyl heptafluorobutvrate	452 C21H35F7O2	959085-66-6 94
4		Cyclooctacosane	392 C28H56	000297-24-5 94
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111757.D
Acq On : 27 Dec 2018 12:55
Operator : JU/SJ
Sample : J6446-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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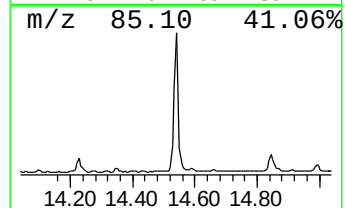
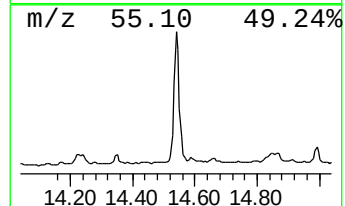
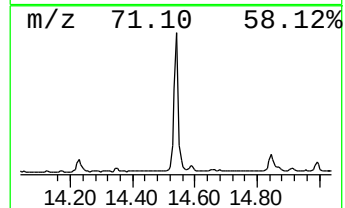
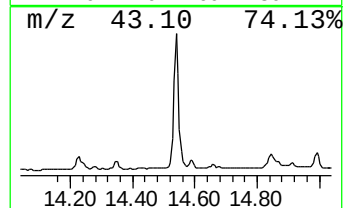
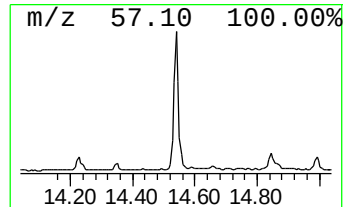
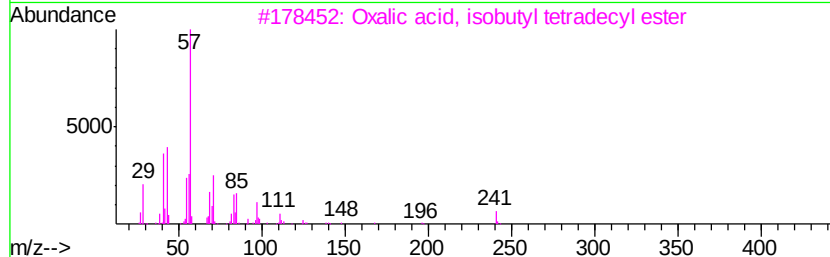
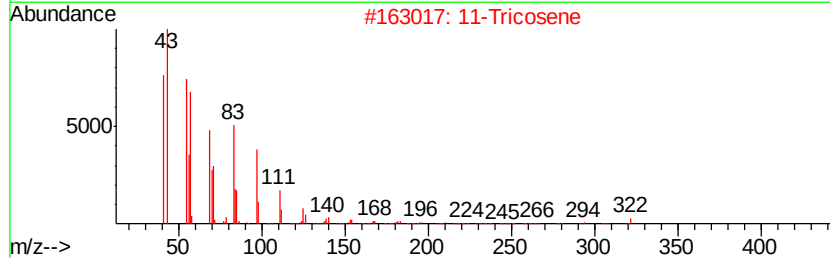
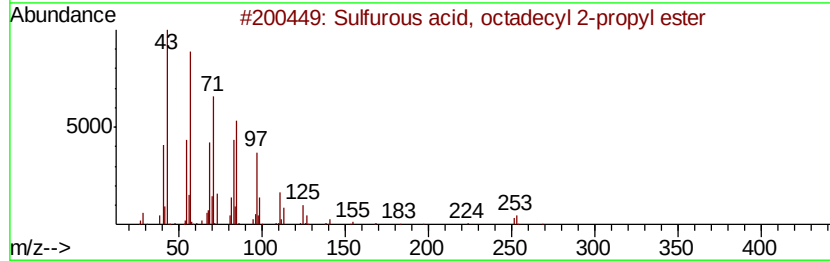
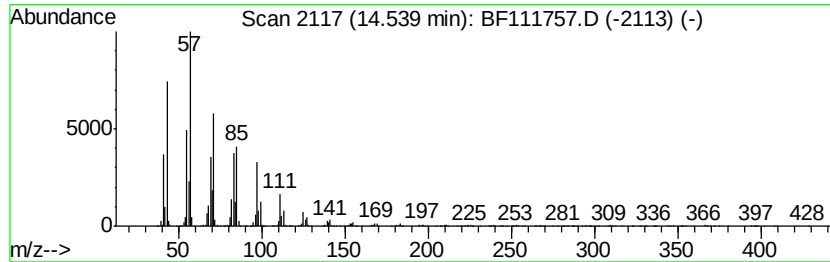
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	135.30 ng	6075360	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2		11-Tricosene	322	C23H46	052078-56-5	86
3		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81
5		Nonadecane	268	C19H40	000629-92-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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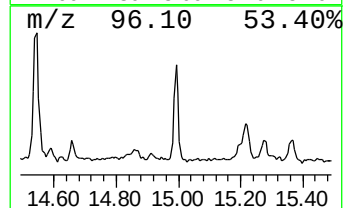
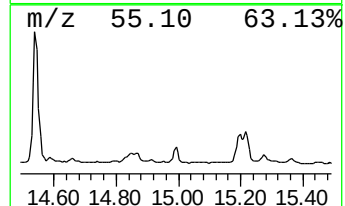
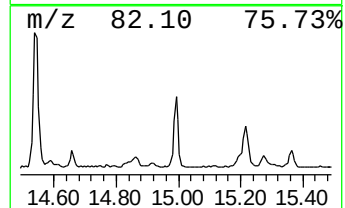
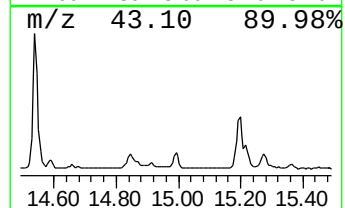
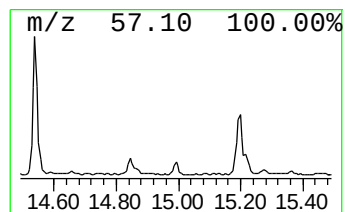
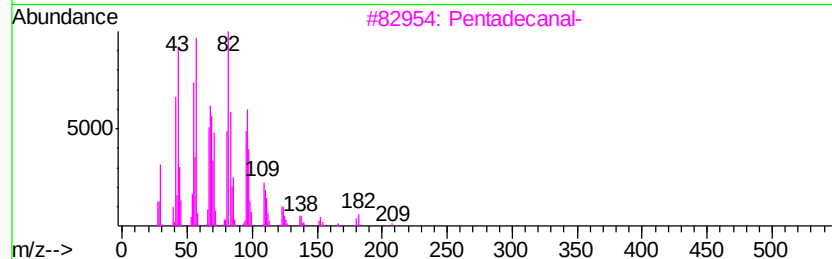
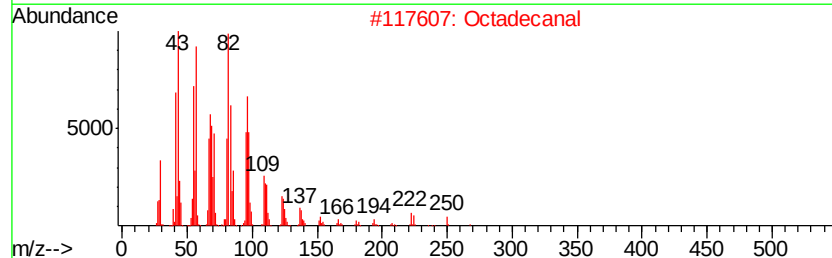
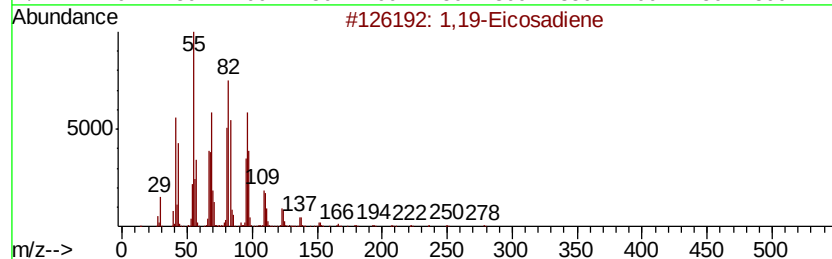
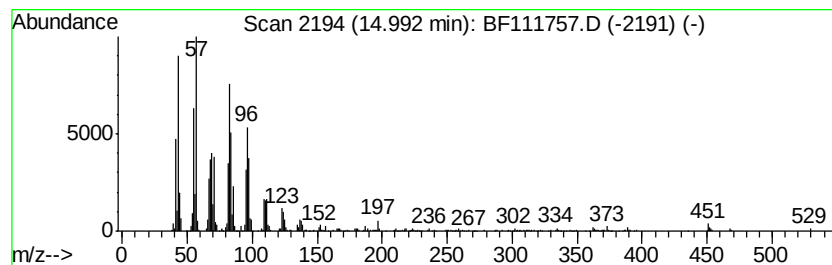
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.99	26.84 ng	939421	Perylene-d12		15.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Pentadecanal-	226	C15H30O	002765-11-9	91
4	12-Octadecenal	266	C18H34O	056554-91-7	91
5	17-Octadecenal	266	C18H34O	056554-86-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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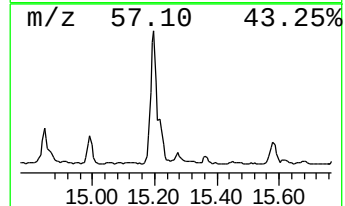
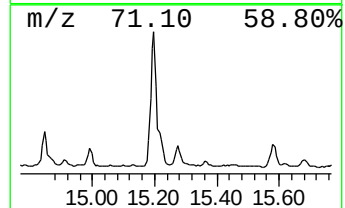
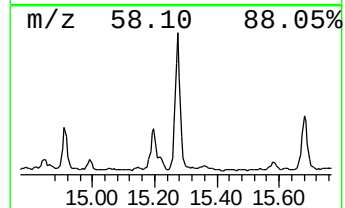
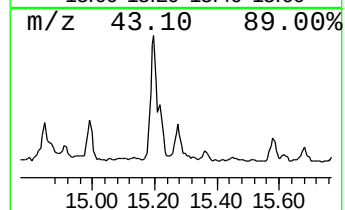
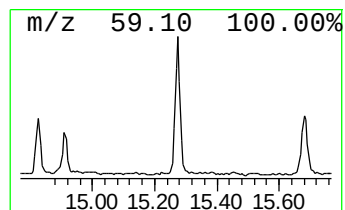
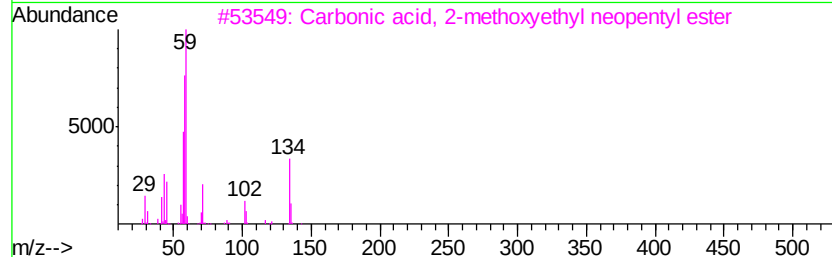
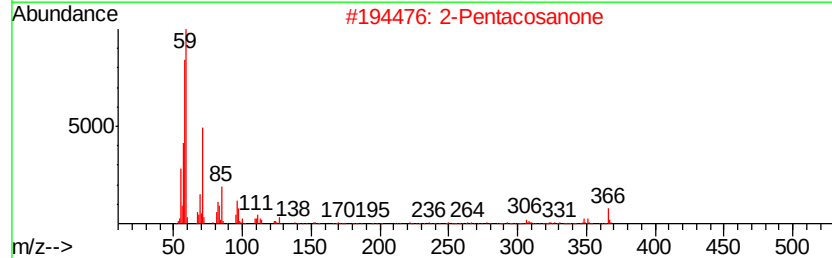
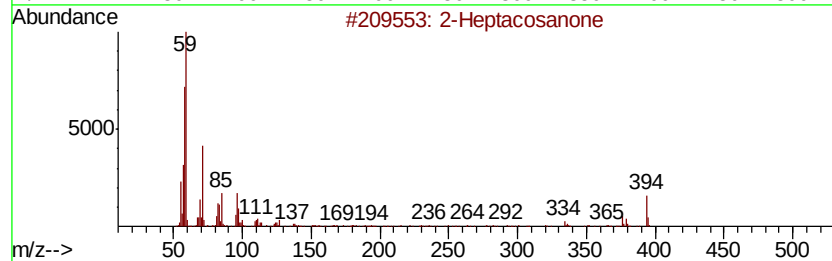
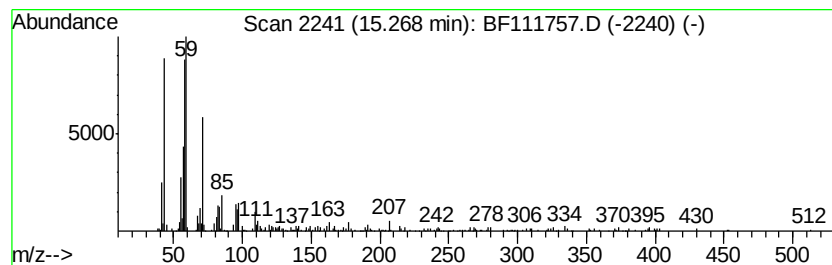
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Heptacosanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	22.08 ng	772930	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptacosanone	394 C27H54O	007796-19-2	93
2	2-Pentacosanone	366 C25H50O	075207-54-4	83
3	Carbonic acid, 2-methoxvethyl ne...	190 C9H18O4	1000331-42-7	53
4	Methyl N-chloroacetylcarbamate	151 C4H6ClN03	013558-70-8	50
5	2-Nonadecanone	282 C19H38O	000629-66-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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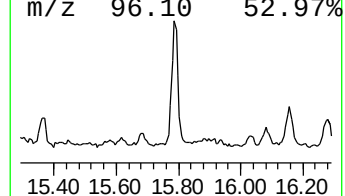
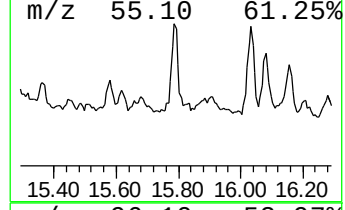
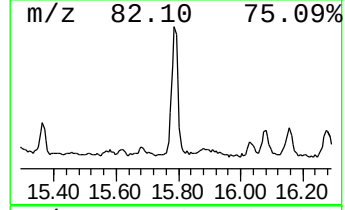
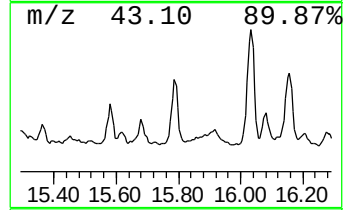
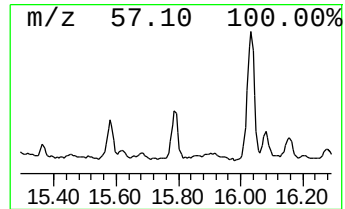
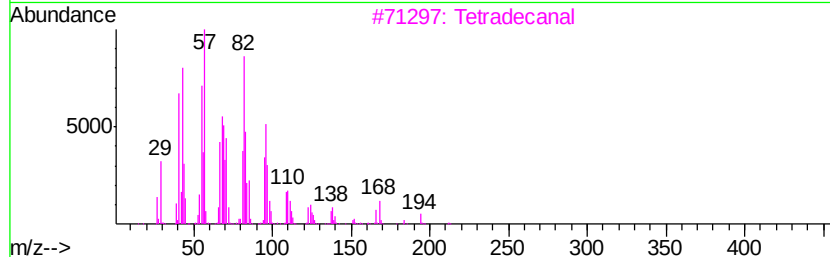
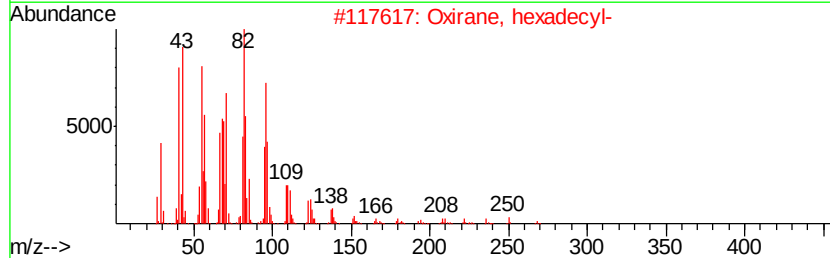
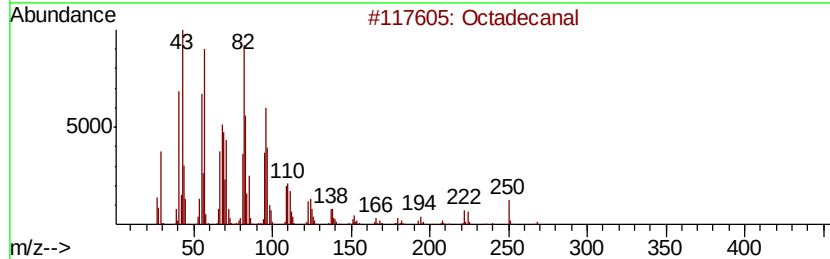
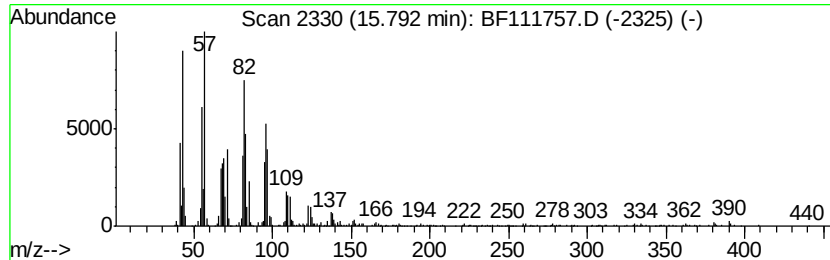
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	28.19 ng	986889	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanal	268 C18H36O	000638-66-4 91
2		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 91
3		Tetradecanal	212 C14H28O	000124-25-4 91
4		16-Octadecenal	266 C18H34O	056554-87-1 90
5		17-Octadecenal	266 C18H34O	056554-86-0 90



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Data File : BF111757.D
Acq On : 27 Dec 2018 12:55
Operator : JU/SJ
Sample : J6446-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

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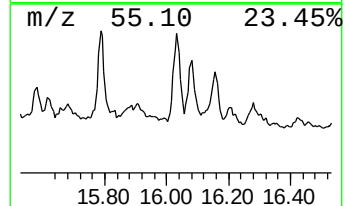
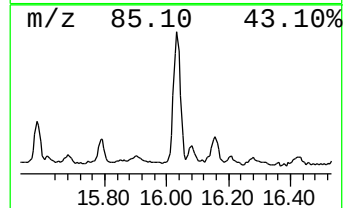
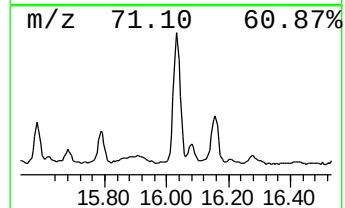
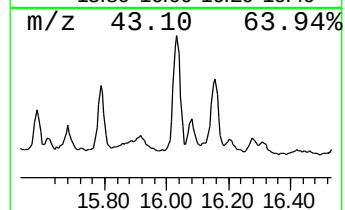
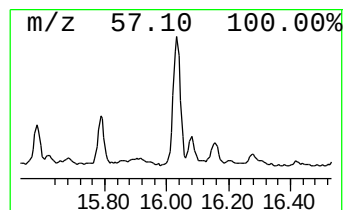
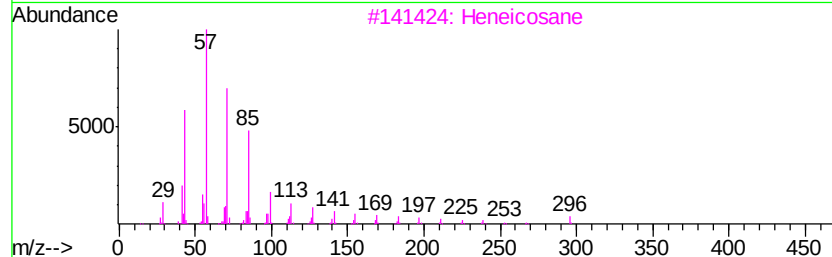
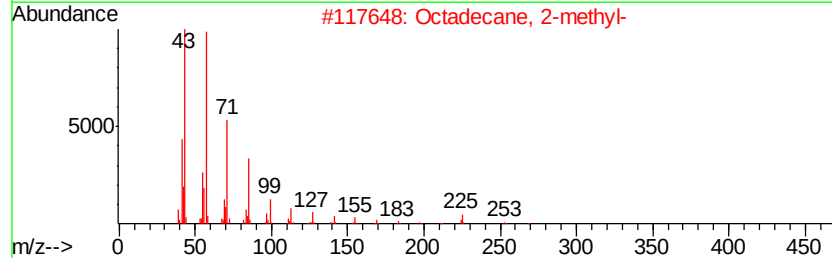
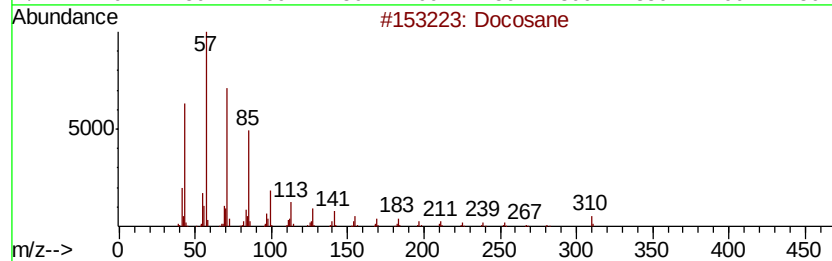
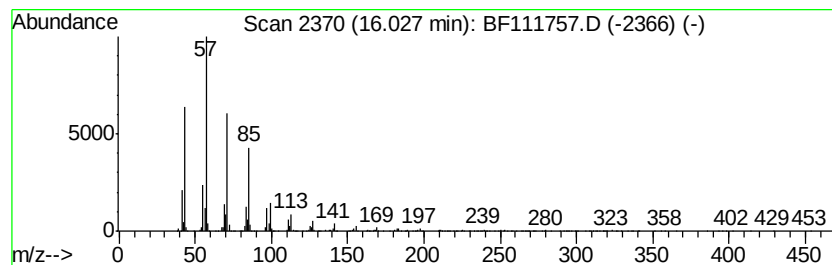
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	37.39 ng	1308700	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		Heneicosane	296	C21H44	000629-94-7	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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Sample : J6446-11
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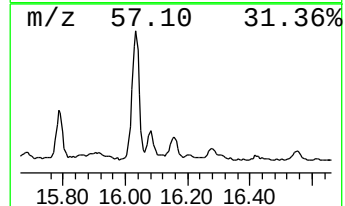
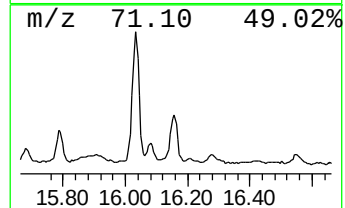
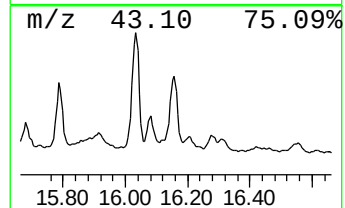
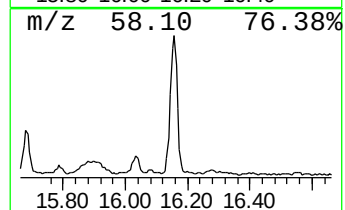
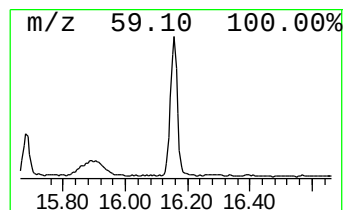
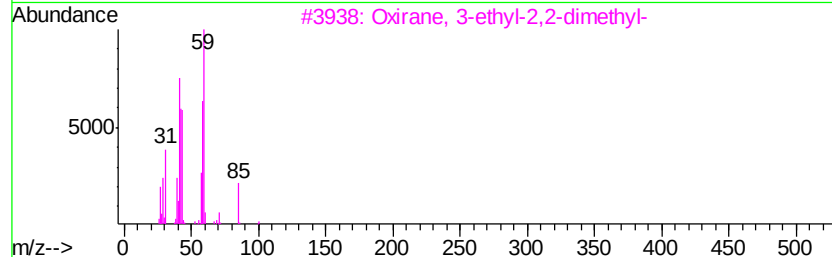
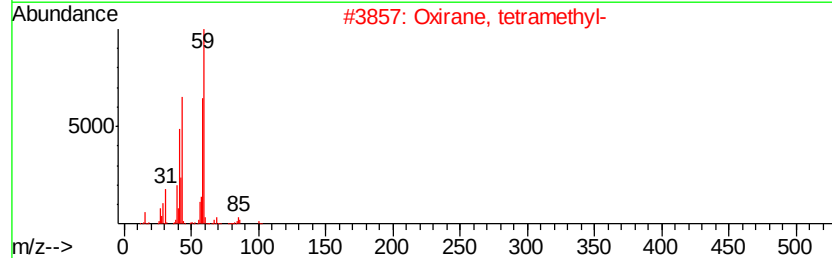
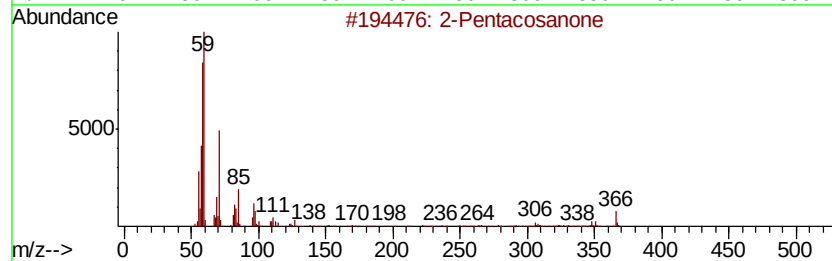
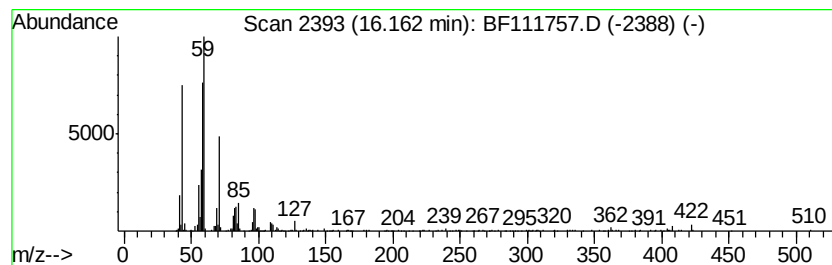
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2-Pentacosanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	20.97 ng	733921	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentacosanone	366 C25H50O	075207-54-4	86
2	Oxirane, tetramethyl-	100 C6H12O	005076-20-0	50
3	Oxirane, 3-ethyl-2,2-dimethyl-	100 C6H12O	001192-22-9	50
4	2-Pentadecanone	226 C15H30O	002345-28-0	50
5	2-Hexadecanone	240 C16H32O	018787-63-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111757.D
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Sample : J6446-11
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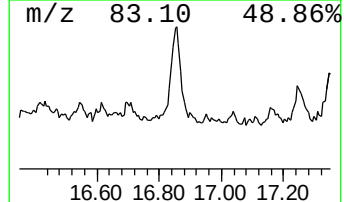
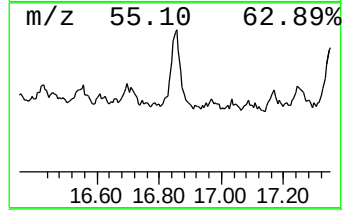
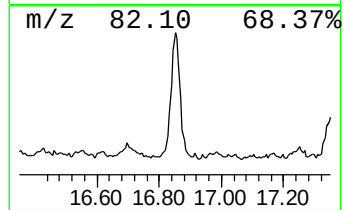
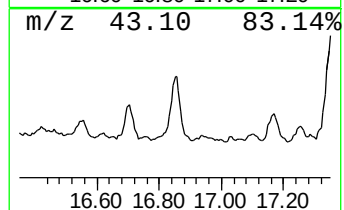
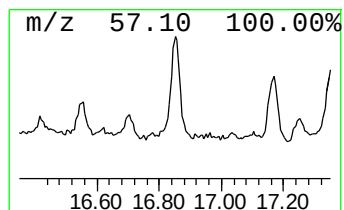
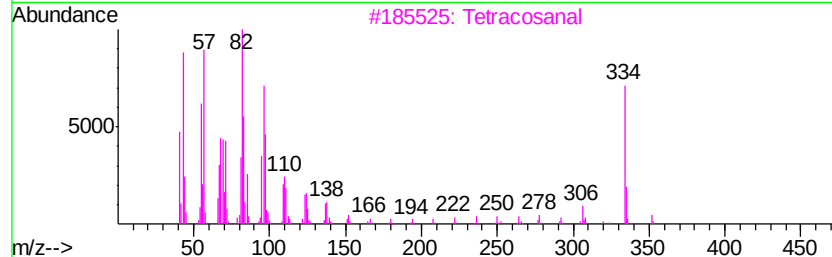
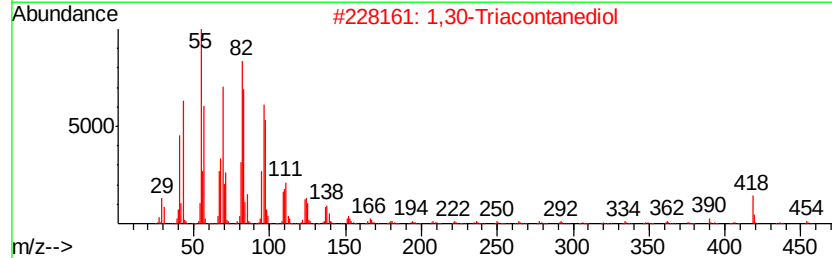
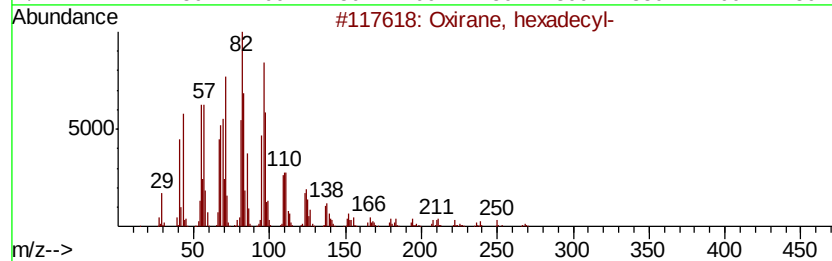
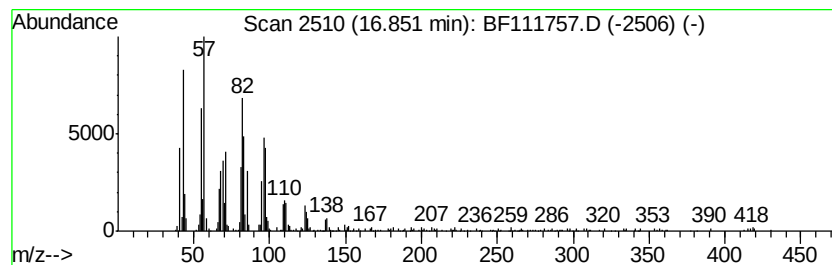
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	22.87 ng	800554	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 91
2		1,30-Triacontanediol	454 C30H62O2	036645-68-8 76
3		Tetracosanal	352 C24H48O	057866-08-7 68
4		Octadecanal	268 C18H36O	000638-66-4 68
5		Octadecane, 1-(ethenyloxy)-	296 C20H40O	000930-02-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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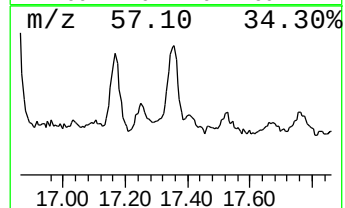
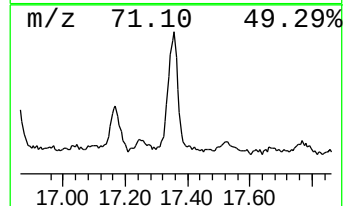
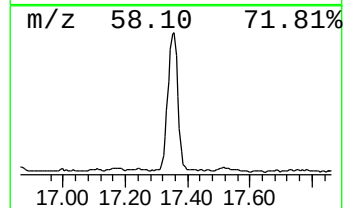
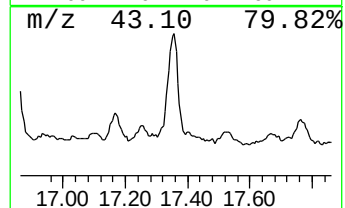
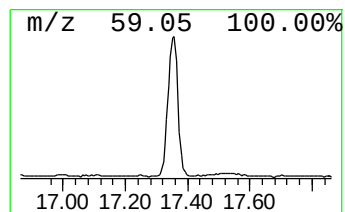
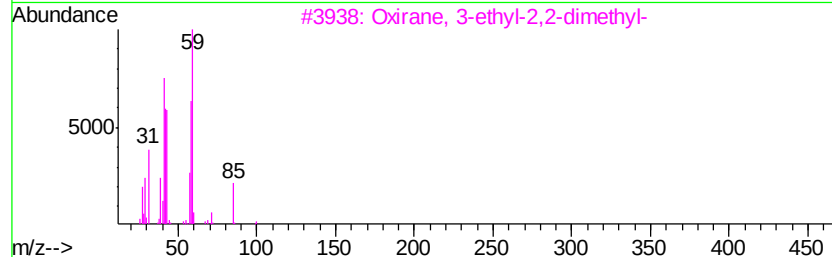
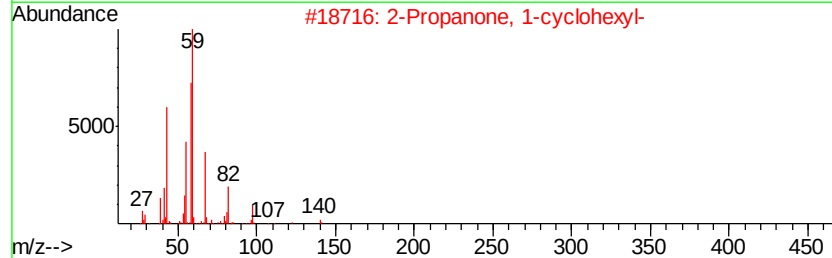
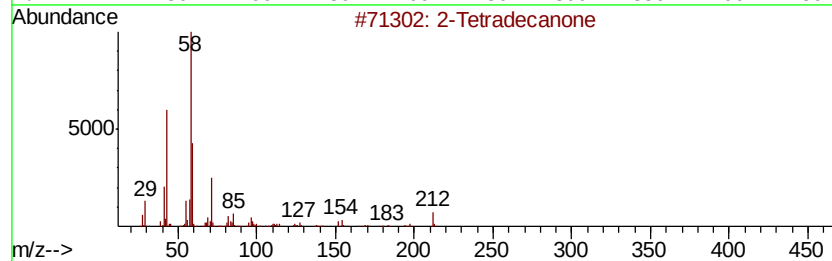
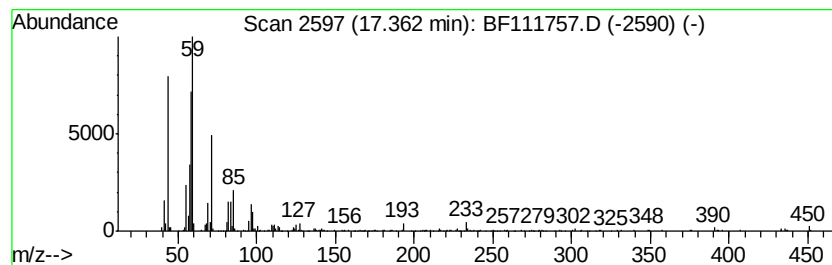
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Tetradecanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	24.84 ng	869510	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Tetradecanone	212 C14H28O	002345-27-9	53
2	2-Propanone, 1-cyclohexyl-	140 C9H16O	000103-78-6	50
3	Oxirane, 3-ethyl-2,2-dimethyl-	100 C6H12O	001192-22-9	50
4	2-Pentacosanone	366 C25H50O	075207-54-4	50
5	Octanal, 7-hydroxy-3,7-dimethyl-	172 C10H20O2	000107-75-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111757.D
Acq On : 27 Dec 2018 12:55
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ClientSampleId :
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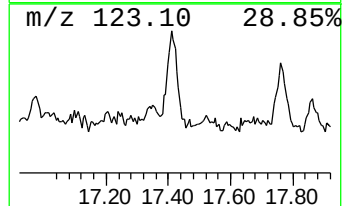
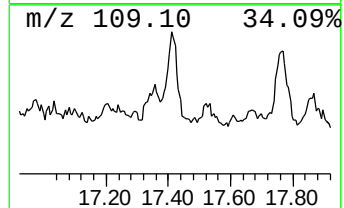
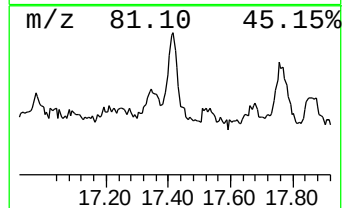
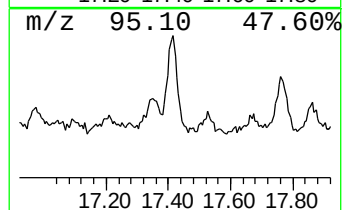
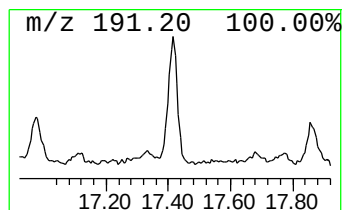
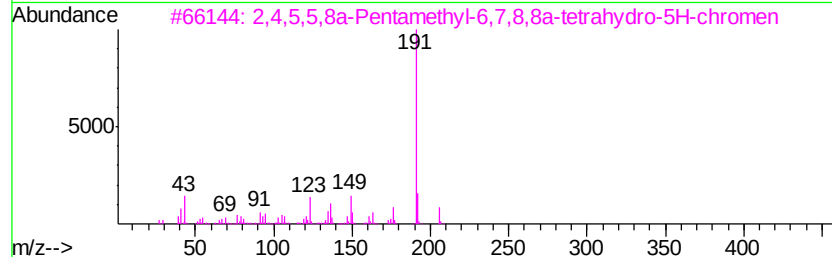
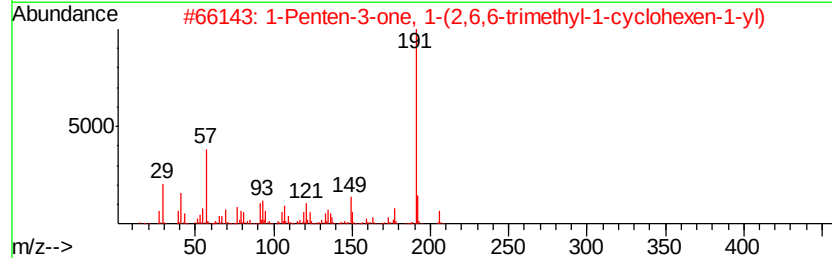
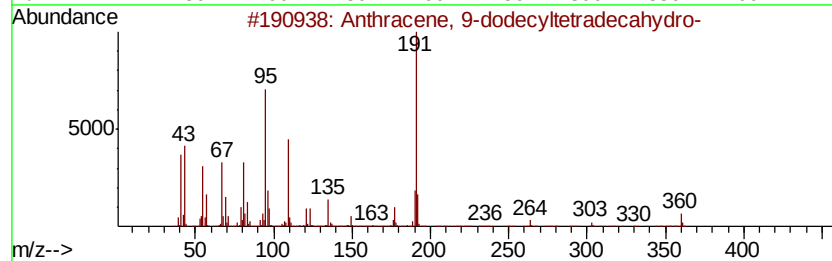
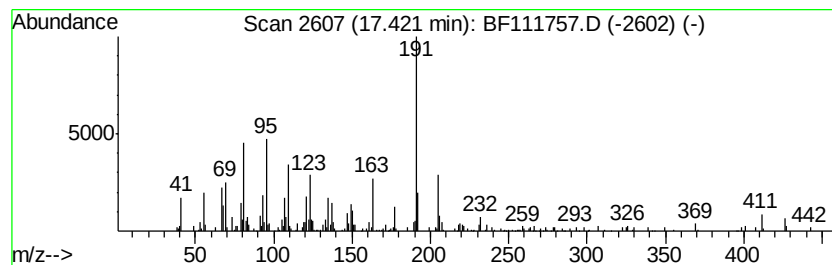
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Anthracene, 9-dodecyltetrad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	19.88 ng	695844	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	52
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	42
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
4		2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	37
5		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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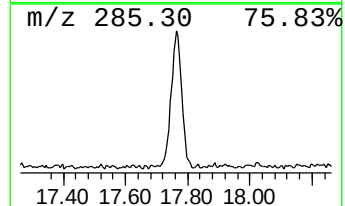
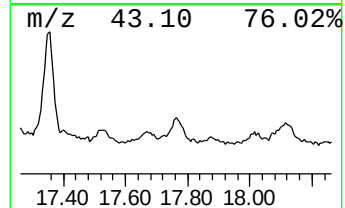
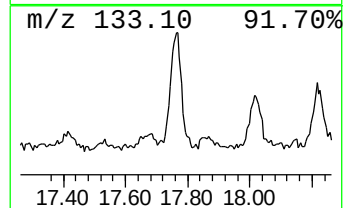
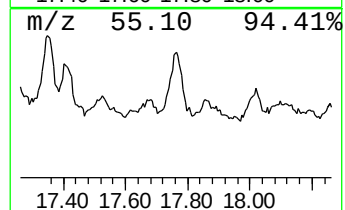
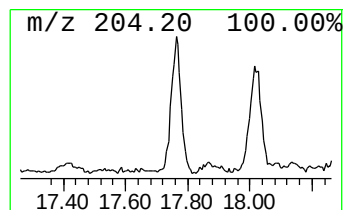
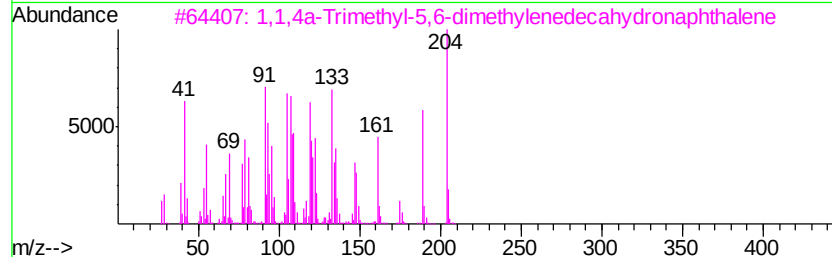
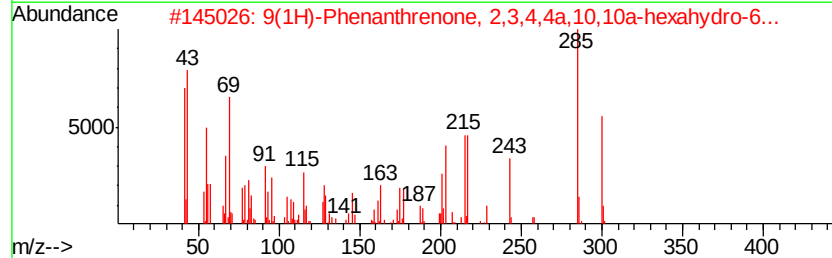
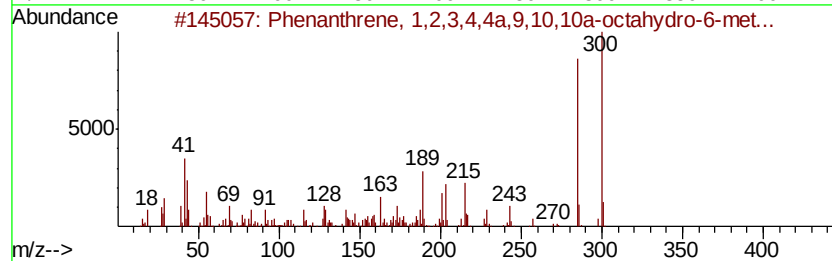
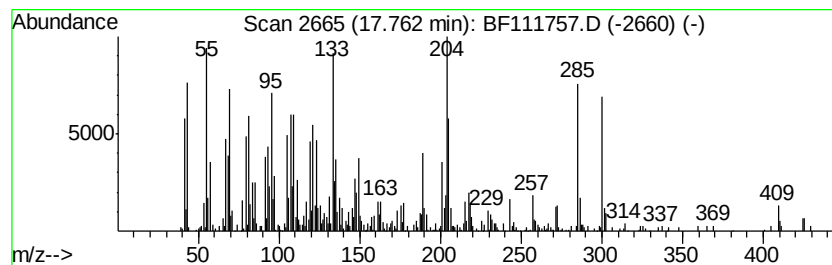
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	34.22 ng	1197710	Perylene-d12	15.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	53	
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	41	
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	41	
4	1H-Cyclopropylazulene, decahydr...	204	C15H24	072747-25-2	38	
5	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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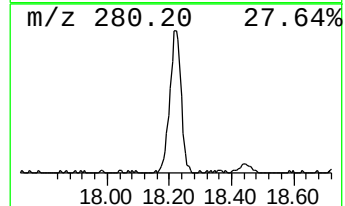
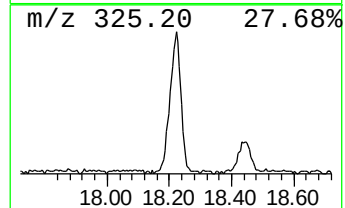
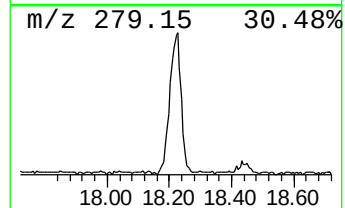
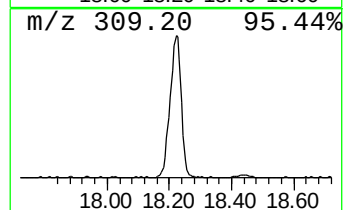
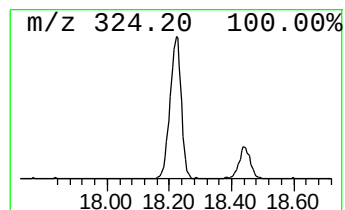
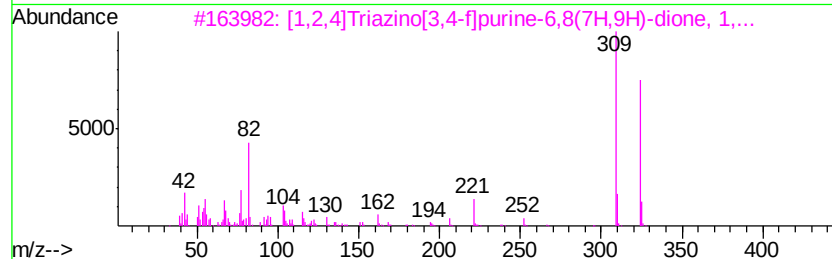
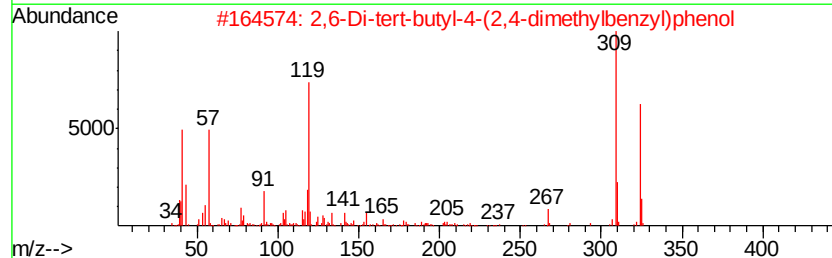
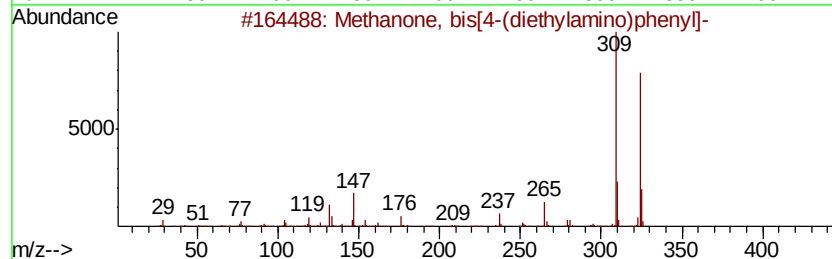
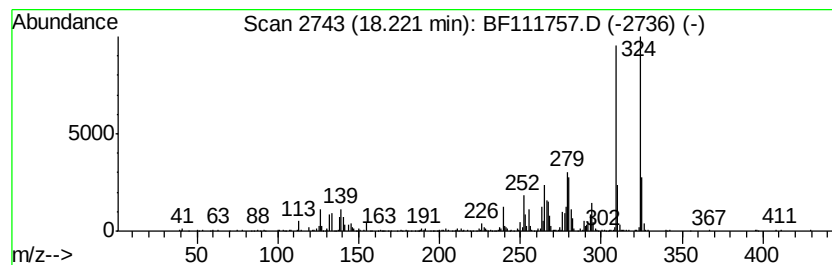
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P001-SS021-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Methanone, bis[4-(diethylamino)phenyl]- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	44.12 ng	1544540	Perylene-d12	15.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methanone, bis[4-(diethylamino)p...	324	C21H28N2O	000090-93-7	53
2		2,6-Di-tert-butyl-4-(2,4-dimethy...	324	C23H32O	203786-39-4	50
3		[1,2,4]Triazino[3,4-f]purine-6,8...	324	C16H16N6O2	1000320-18-2	50
4		9a-Benzyl-4b,9a-dihydroindeno[1,...	324	C23H16O2	140462-96-0	43
5		1H-Indole, 2-(2'-benzofuryl)-3-p...	309	C22H15NO	163064-84-4	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111757.D
 Acq On : 27 Dec 2018 12:55
 Operator : JU/SJ
 Sample : J6446-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.68	6.68	70.6	ng	3200660	1	6.90	906417	20.0
1,1'-Biphenyl, 2,...	12.56	14.0	ng	695465	4	11.43	992267	20.0
2,2',3,4',6,6'-He...	13.20	30.3	ng	1358920	5	14.07	898067	20.0
2,3,3',4',5',6-He...	13.39	25.2	ng	1129750	5	14.07	898067	20.0
1,1'-Biphenyl, 2,...	13.60	24.6	ng	1106430	5	14.07	898067	20.0
2,2',3,3',4,5',6-...	13.70	16.9	ng	759393	5	14.07	898067	20.0
Cycloeicosane	13.90	104.0	ng	4669530	5	14.07	898067	20.0
Sulfurous acid, o...	14.54	135.3	ng	6075360	5	14.07	898067	20.0
1,19-Eicosadiene	14.99	26.8	ng	939421	6	15.56	700102	20.0
2-Heptacosanone	15.27	22.1	ng	772930	6	15.56	700102	20.0
Octadecanal	15.79	28.2	ng	986889	6	15.56	700102	20.0
Docosane	16.03	37.4	ng	1308700	6	15.56	700102	20.0
2-Pentacosanone	16.16	21.0	ng	733921	6	15.56	700102	20.0
Oxirane, hexadecyl-	16.85	22.9	ng	800554	6	15.56	700102	20.0
2-Tetradecanone	17.36	24.8	ng	869510	6	15.56	700102	20.0
Anthracene, 9-dod...	17.42	19.9	ng	695844	6	15.56	700102	20.0
Phenanthrene, 1,2...	17.76	34.2	ng	1197710	6	15.56	700102	20.0
Methanone, bis[4-...	18.22	44.1	ng	1544540	6	15.56	700102	20.0