

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116336.D
 Acq On : 16 Aug 2019 23:46
 Operator : HP/JU
 Sample : K4372-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPOSITE

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-BF073019.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	2.116	3	5	33	rVB	2031342	2483112	82.59%	6.746%
2	5.416	563	566	568	rBV	43088	44122	1.47%	0.120%
3	5.445	568	571	601	rVB	2577608	2918499	97.07%	7.929%
4	5.669	606	609	617	rVV2	31473	41145	1.37%	0.112%
5	6.351	722	725	727	rBV	33449	32774	1.09%	0.089%
6	6.375	727	729	733	rVV	83402	83514	2.78%	0.227%
7	6.457	739	743	750	rBV	2653857	2966137	98.65%	8.059%
8	6.592	762	766	772	rVV	3292759	3006714	100.00%	8.169%
9	6.651	772	776	782	rVB3	126372	151462	5.04%	0.412%
10	6.816	801	804	812	rBV	1081337	962010	32.00%	2.614%
11	6.975	827	831	834	rBV	2246625	2232628	74.25%	6.066%
12	7.092	845	851	855	rBV2	48189	83571	2.78%	0.227%
13	7.139	857	859	867	rVB3	35782	56471	1.88%	0.153%
14	7.351	891	895	897	rBV	127856	106007	3.53%	0.288%
15	7.381	897	900	909	rBV	1948091	1977805	65.78%	5.374%
16	7.586	929	935	938	rBV2	63492	75731	2.52%	0.206%
17	7.616	938	940	944	rVB	40011	38239	1.27%	0.104%
18	7.681	948	951	954	rBV	49528	51160	1.70%	0.139%
19	7.769	964	966	972	rVB	52960	59421	1.98%	0.161%
20	7.833	972	977	980	rBV2	107942	125385	4.17%	0.341%
21	7.904	985	989	993	rVB3	37916	49844	1.66%	0.135%
22	8.098	1018	1022	1034	rVV	1200393	1300695	43.26%	3.534%
23	8.186	1034	1037	1046	rVB2	27087	48808	1.62%	0.133%
24	8.316	1055	1059	1064	rBV	64906	64724	2.15%	0.176%
25	8.375	1064	1069	1078	rVV	75758	87475	2.91%	0.238%
26	8.816	1140	1144	1150	rVB2	85230	111342	3.70%	0.303%
27	8.910	1156	1160	1167	rBV	182344	182720	6.08%	0.496%
28	8.980	1167	1172	1179	rBV4	19815	35317	1.17%	0.096%
29	9.086	1187	1190	1192	rBV2	38921	37750	1.26%	0.103%
30	9.169	1200	1204	1213	rBV	3016001	2734627	90.95%	7.430%
31	9.245	1214	1217	1220	rVB2	51239	51994	1.73%	0.141%
32	9.286	1220	1224	1228	rBV4	20388	36272	1.21%	0.099%
33	9.445	1247	1251	1253	rBV2	53510	67850	2.26%	0.184%
34	9.510	1258	1262	1266	rVV3	111984	171993	5.72%	0.467%

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35	9.563	1266	1271	1277	rVV	685478	693413	23.06%	1.884%
36	9.710	1293	1296	1299	rBV2	146067	167614	5.57%	0.455%
37	9.757	1301	1304	1307	rVB	205250	184728	6.14%	0.502%
38	9.845	1316	1319	1323	rVB	1357246	1274907	42.40%	3.464%
39	9.880	1323	1325	1335	rVB4	104346	131519	4.37%	0.357%
40	9.957	1335	1338	1342	rBV4	38089	54188	1.80%	0.147%
41	10.004	1344	1346	1349	rBV3	36857	38615	1.28%	0.105%
42	10.098	1359	1362	1366	rBV2	62646	75796	2.52%	0.206%
43	10.251	1385	1388	1391	rBV2	214414	212221	7.06%	0.577%
44	10.639	1451	1454	1464	rBV	1840195	2023327	67.29%	5.497%
45	10.757	1471	1474	1481	rVB3	259781	327740	10.90%	0.890%
46	11.063	1524	1526	1531	rBV4	96556	129528	4.31%	0.352%
47	11.339	1569	1573	1575	rBV	1347943	1318704	43.86%	3.583%
48	11.363	1575	1577	1582	rVB	431935	397120	13.21%	1.079%
49	11.569	1609	1612	1615	rBV2	137696	169254	5.63%	0.460%
50	11.733	1638	1640	1645	rBV3	177984	148698	4.95%	0.404%
51	11.780	1646	1648	1651	rBV	192606	181852	6.05%	0.494%
52	11.839	1656	1658	1660	rVV2	183473	193607	6.44%	0.526%
53	11.863	1660	1662	1669	rVB3	262056	374414	12.45%	1.017%
54	12.004	1684	1686	1691	rVB2	333618	321248	10.68%	0.873%
55	12.551	1776	1779	1782	rBV	531443	479241	15.94%	1.302%
56	12.780	1815	1818	1825	rVB	609966	599580	19.94%	1.629%
57	12.916	1837	1841	1844	rVB	1999387	1756006	58.40%	4.771%
58	13.339	1911	1913	1917	rBV2	149247	153833	5.12%	0.418%
59	13.815	1991	1994	2005	rVB5	204932	472272	15.71%	1.283%
60	13.939	2012	2015	2017	rBV	212629	164017	5.46%	0.446%
61	13.980	2017	2022	2025	rBV2	943219	1090080	36.25%	2.962%
62	14.245	2064	2067	2071	rVB	162541	154594	5.14%	0.420%
63	15.021	2196	2199	2201	rBV	143553	174374	5.80%	0.474%
64	15.380	2258	2260	2263	rVV	98995	95825	3.19%	0.260%
65	15.439	2266	2270	2275	rVB	620276	770920	25.64%	2.095%

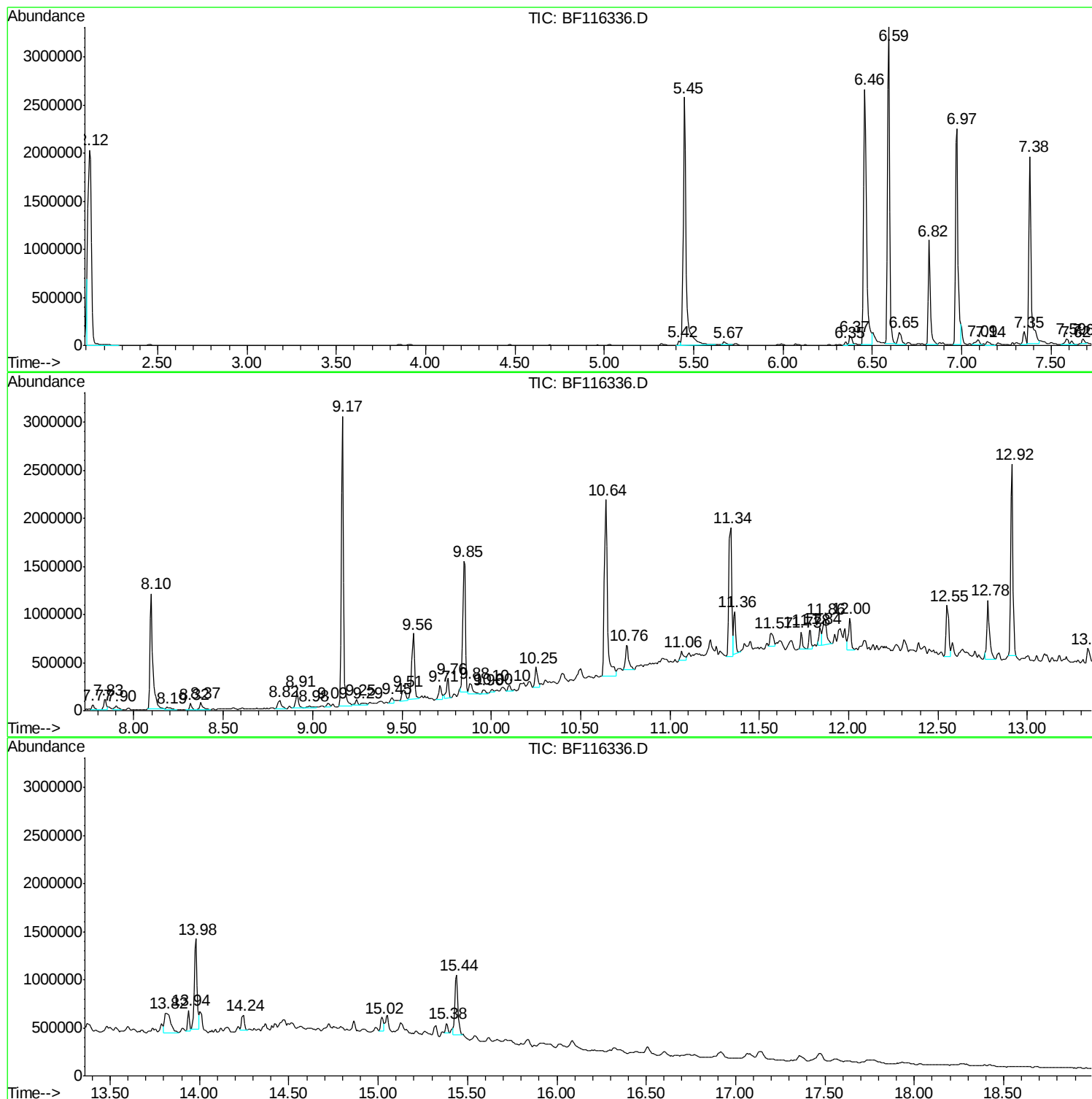
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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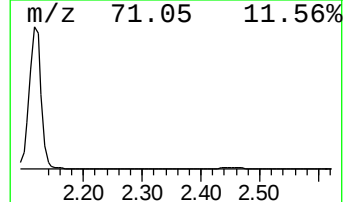
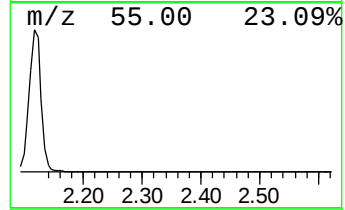
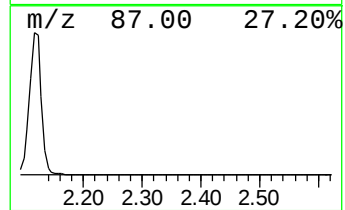
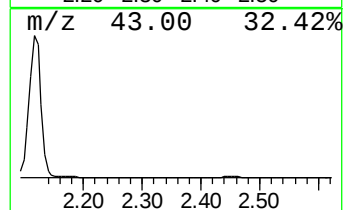
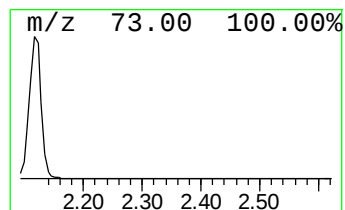
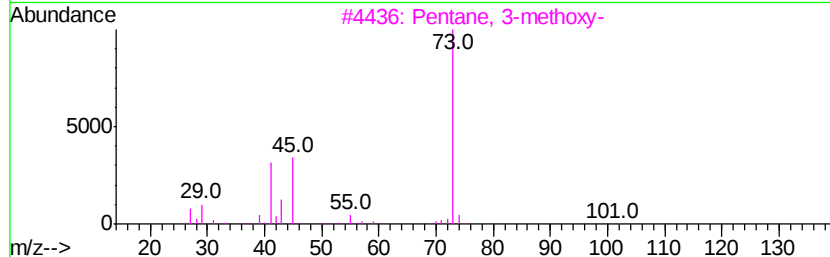
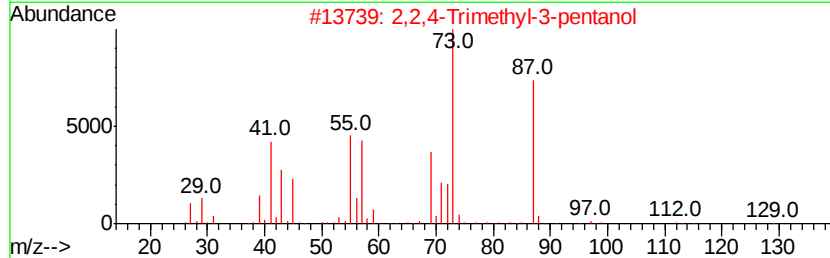
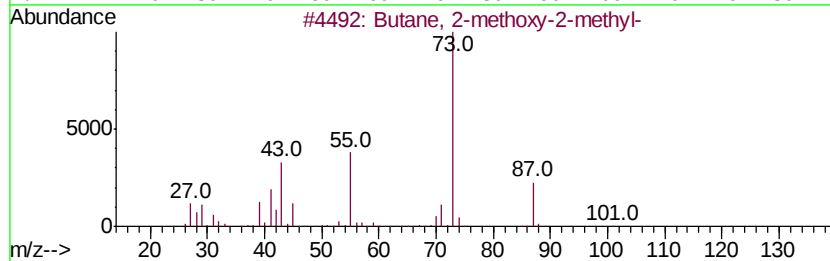
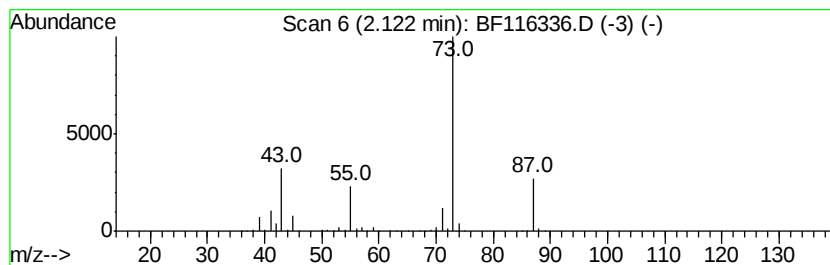
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.12	51.62 ng	2483110	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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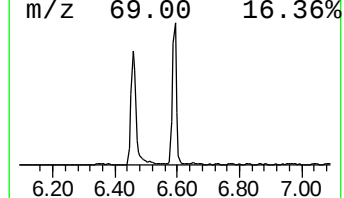
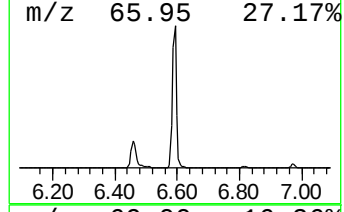
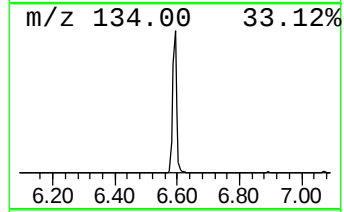
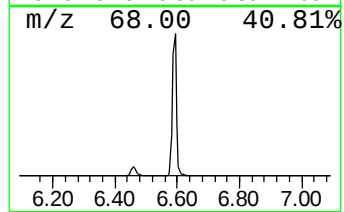
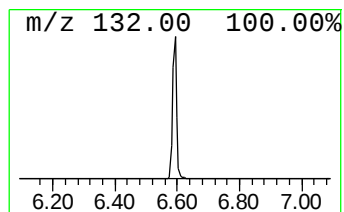
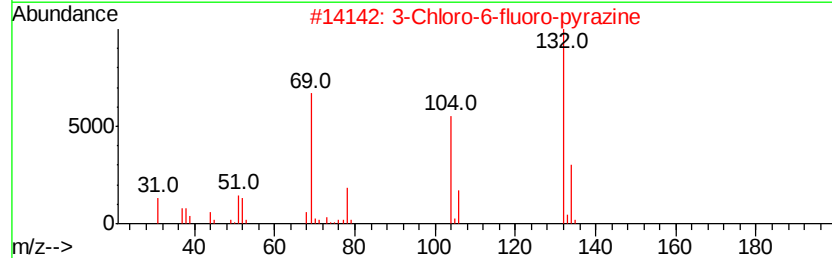
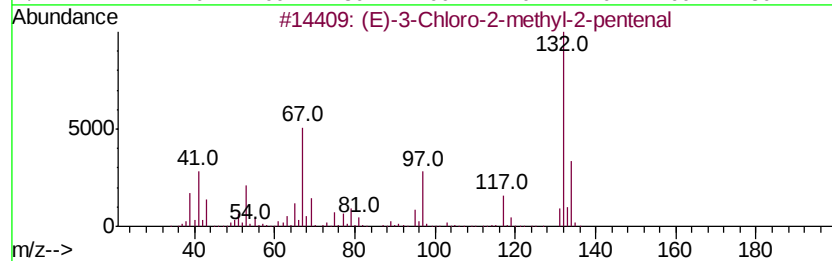
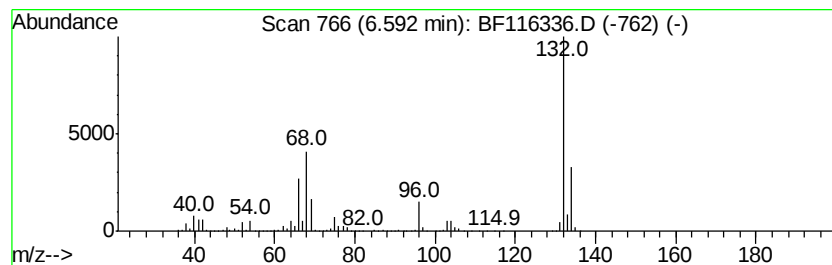
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	62.51 ng	3006710	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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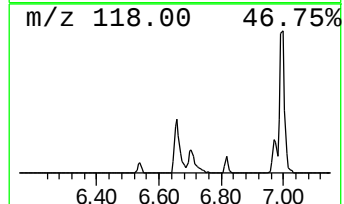
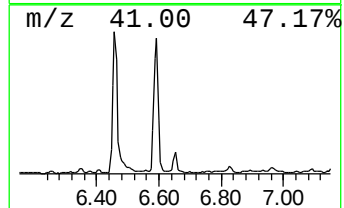
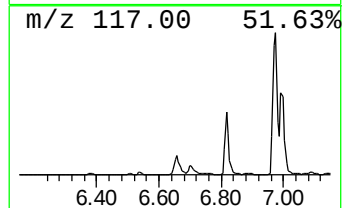
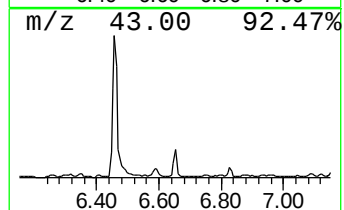
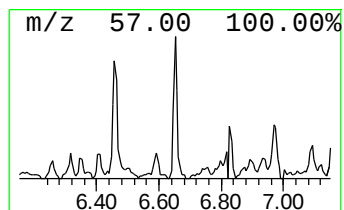
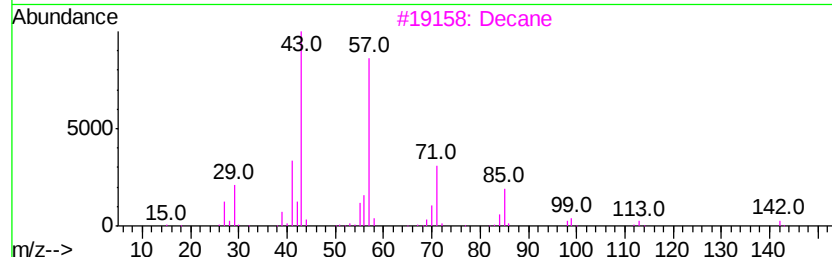
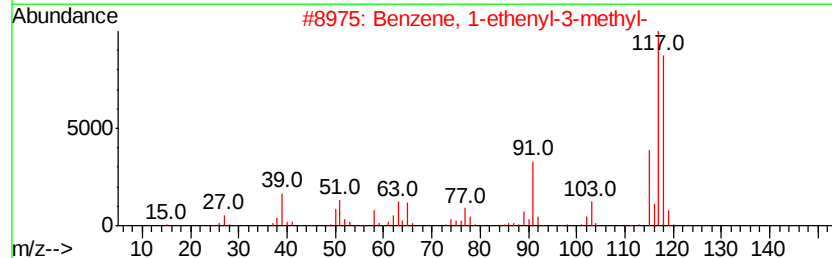
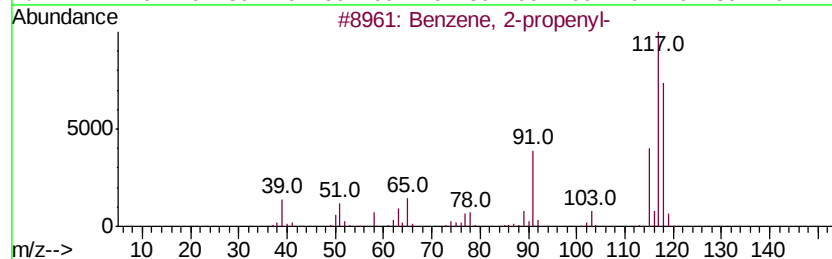
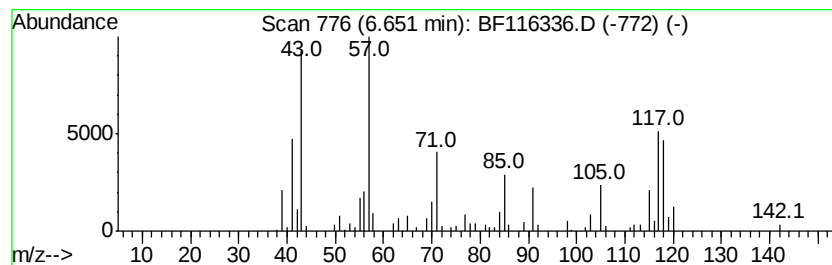
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.15 ng	151462	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
3		Decane	142	C10H22	000124-18-5	46
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	35
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	35



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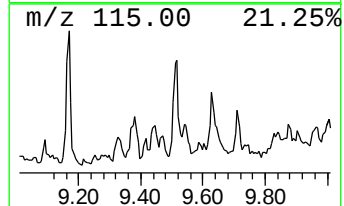
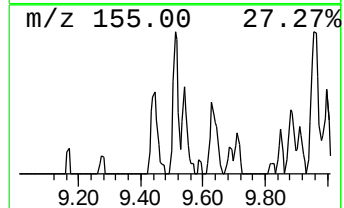
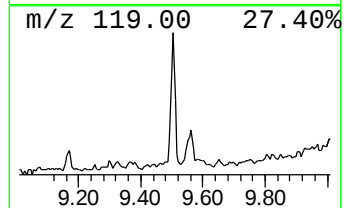
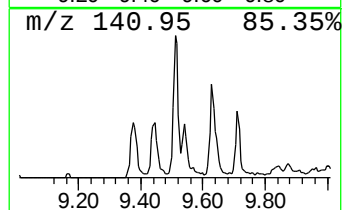
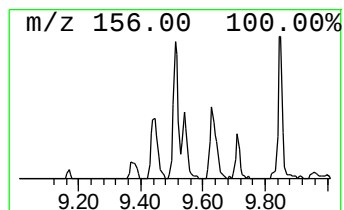
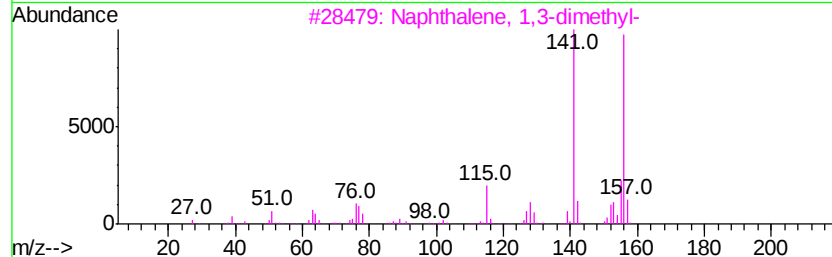
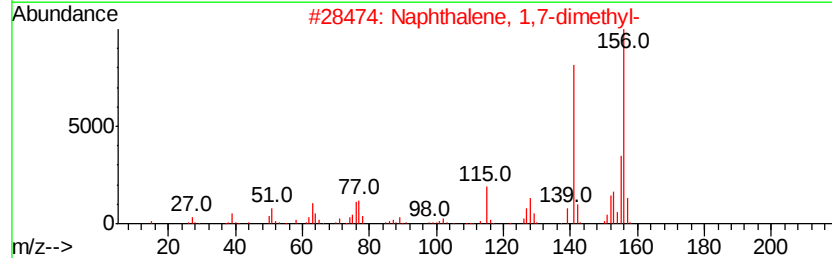
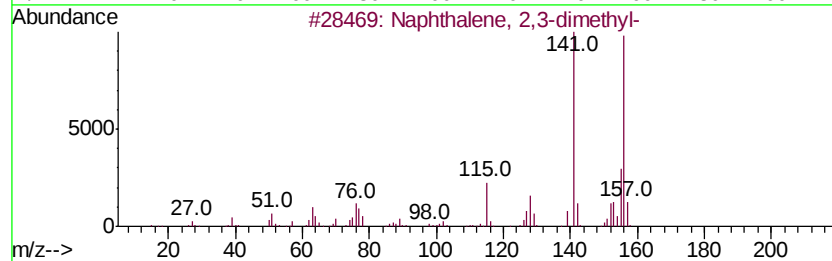
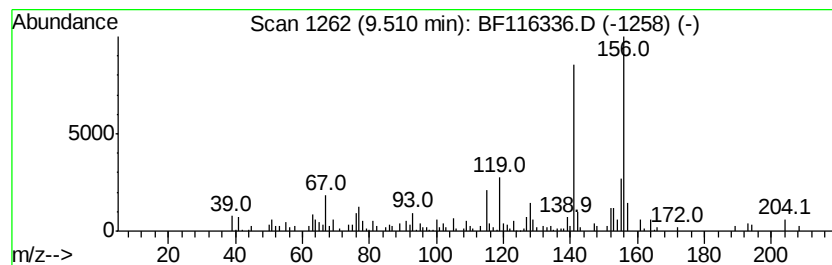
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.70 ng	171993	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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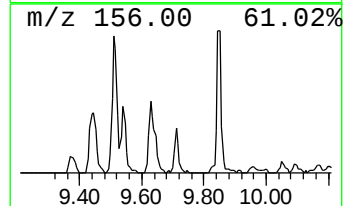
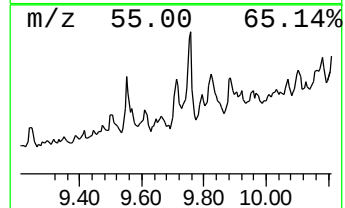
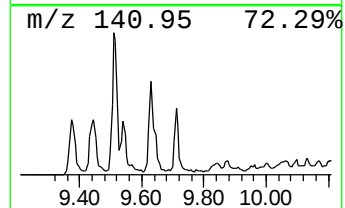
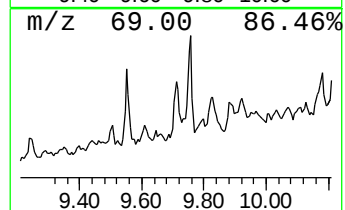
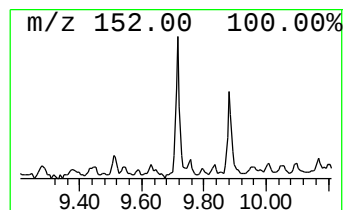
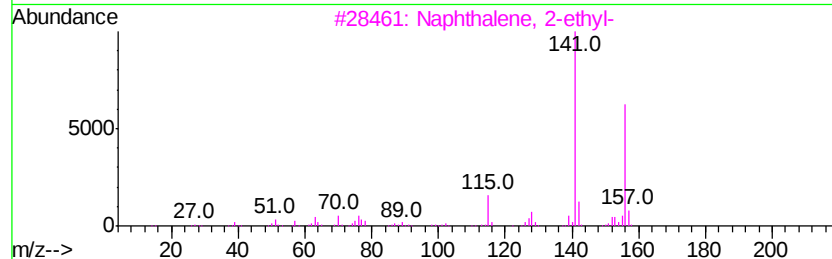
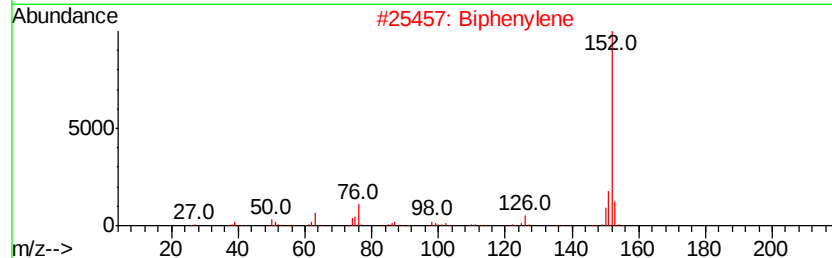
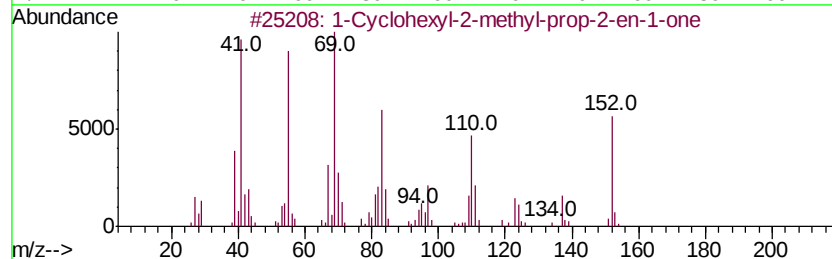
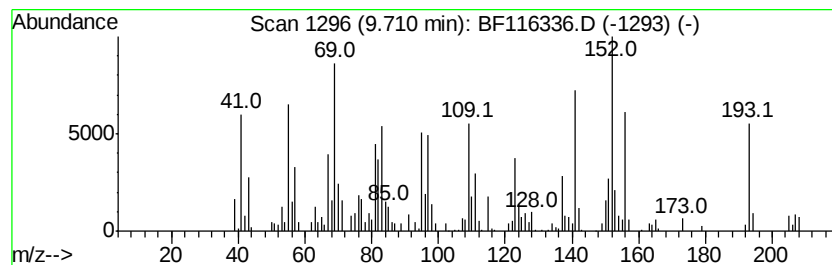
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.63 ng	167614	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	41
2		Biphenylene	152	C12H8	000259-79-0	25
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	25
4		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	25
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
Acq On : 16 Aug 2019 23:46
Operator : HP/JU
Sample : K4372-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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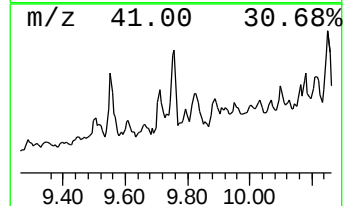
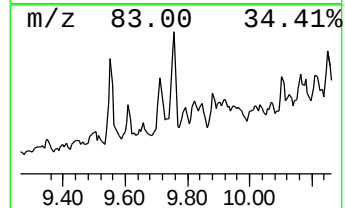
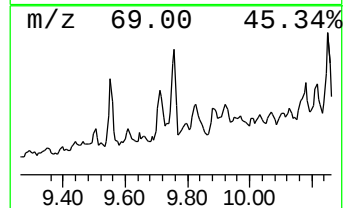
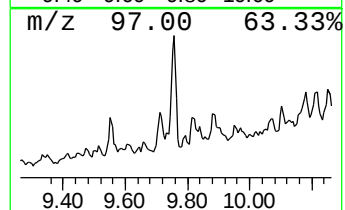
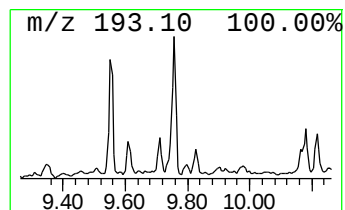
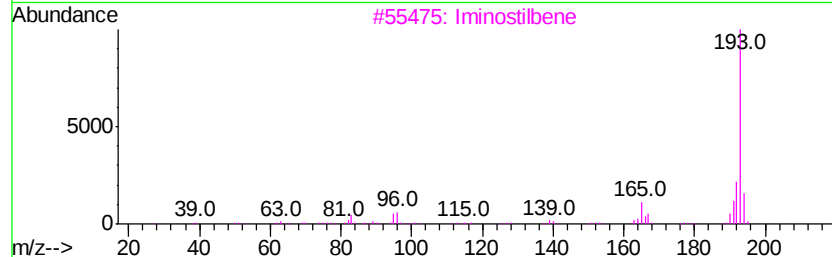
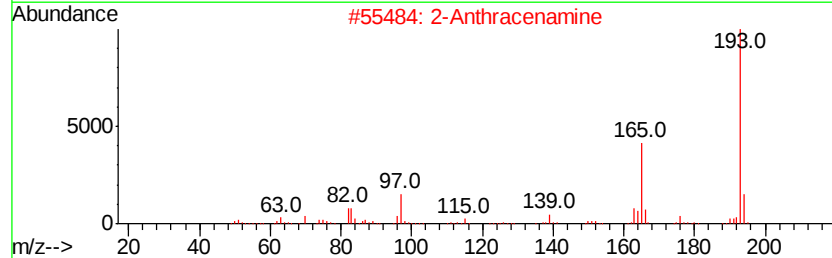
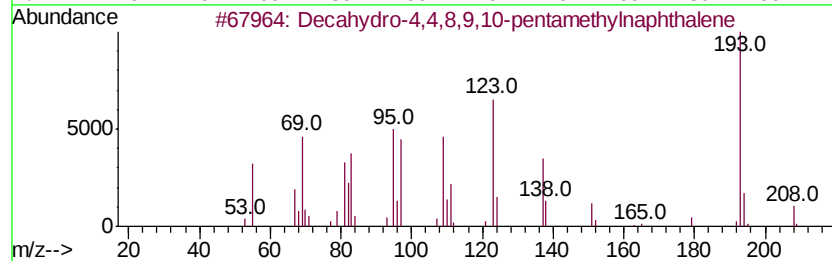
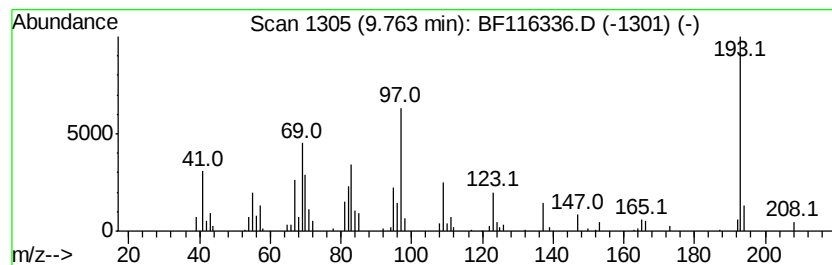
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.90 ng	184728	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2		2-Anthracenamine	193	C14H11N	000613-13-8	27
3		Iminostilbene	193	C14H11N	000256-96-2	25
4		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22
5		Cyclohexanecarboxylic acid, 4-pe...	292	C18H25F02	079912-83-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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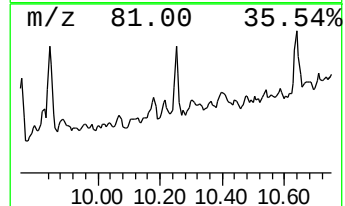
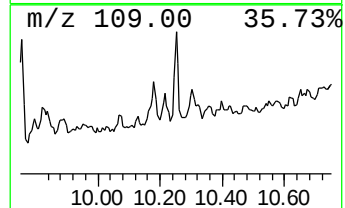
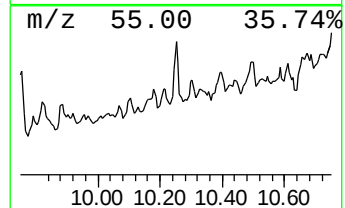
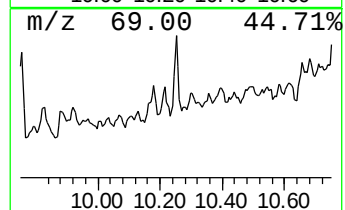
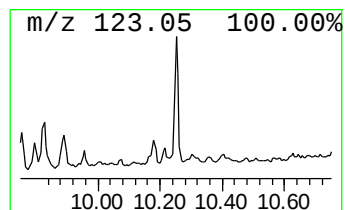
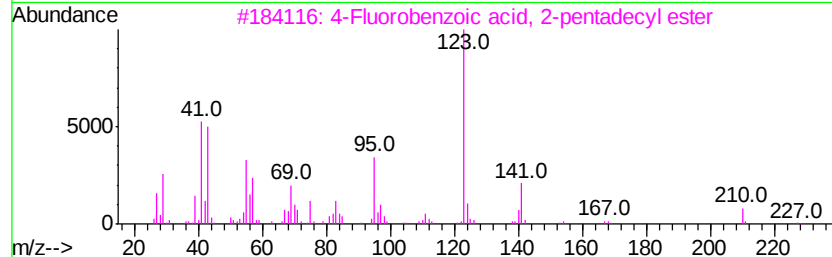
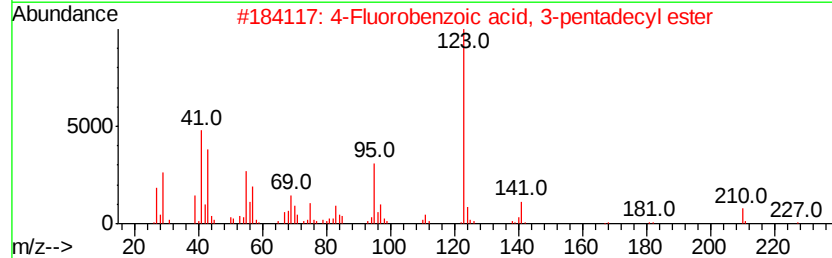
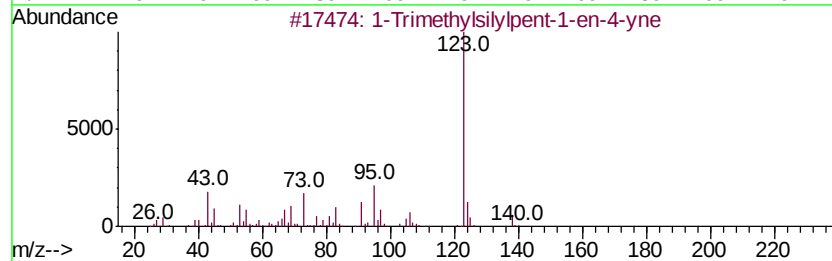
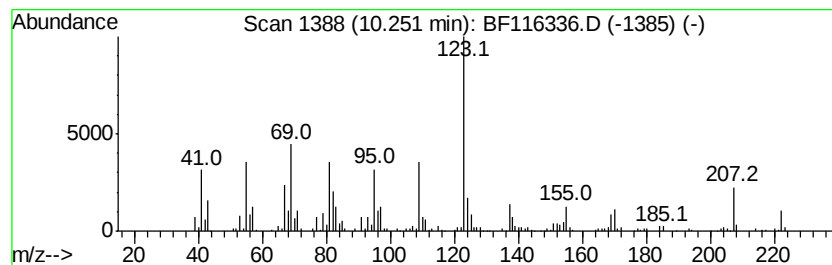
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.33 ng	212221	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	49
2		4-Fluorobenzoic acid, 3-pentadec...	350	C22H35F02	1000280-68-4	47
3		4-Fluorobenzoic acid, 2-pentadec...	350	C22H35F02	1000280-68-3	47
4		Benzoic acid, 2-fluoro-, ethyl e...	168	C9H9F02	000443-26-5	43
5		Benzeneacetic acid, .alpha.,4-di...	168	C8H8O4	001198-84-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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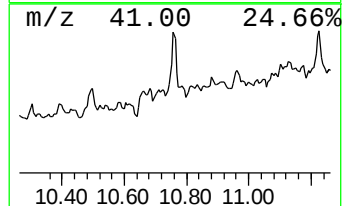
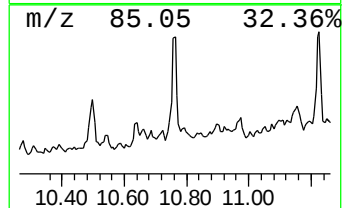
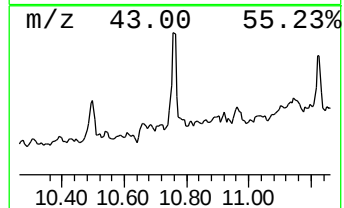
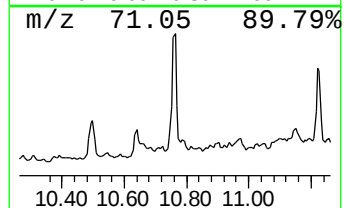
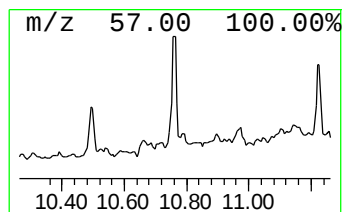
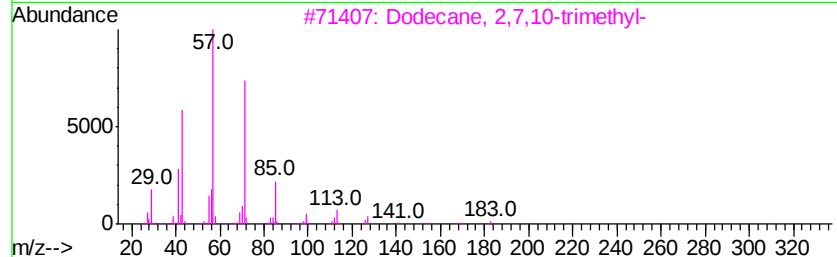
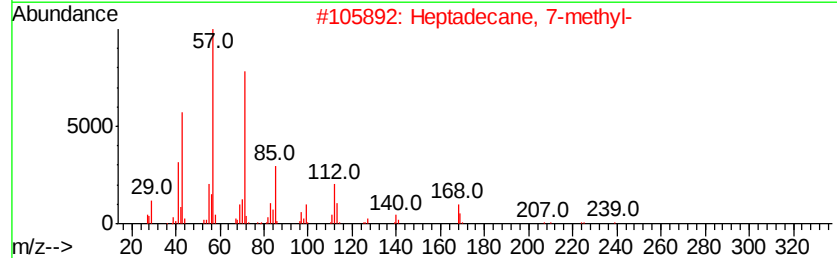
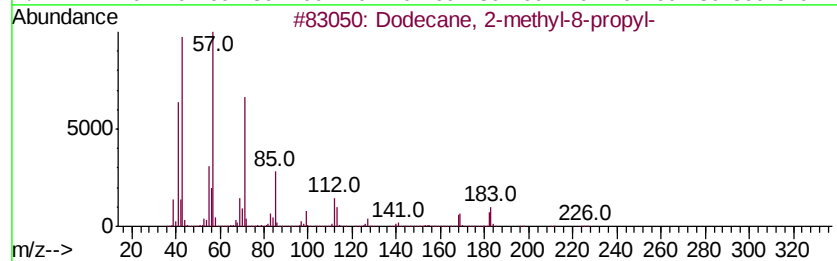
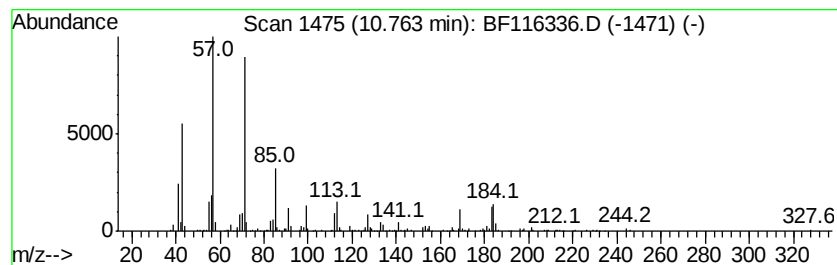
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-8-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	4.97 ng	327740	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	62
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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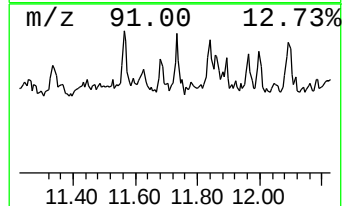
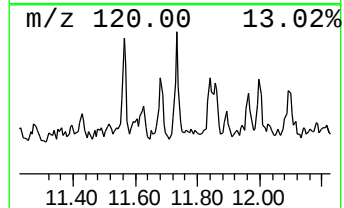
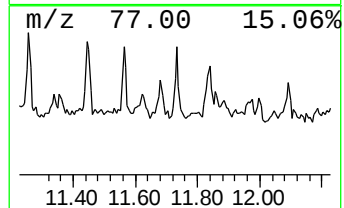
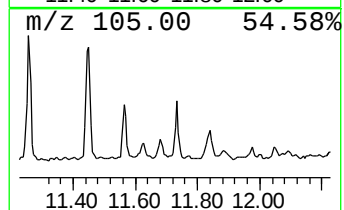
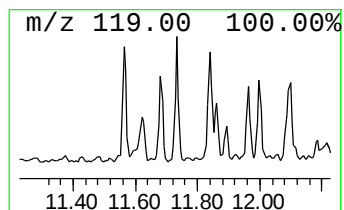
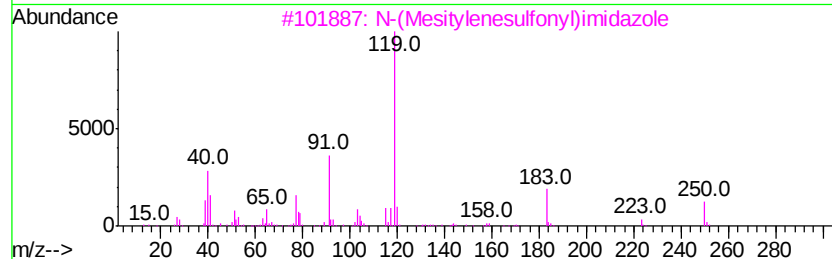
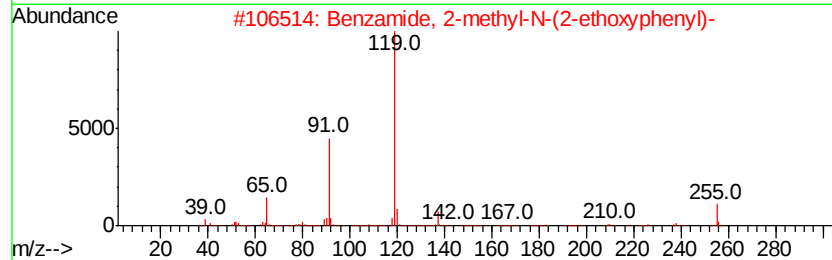
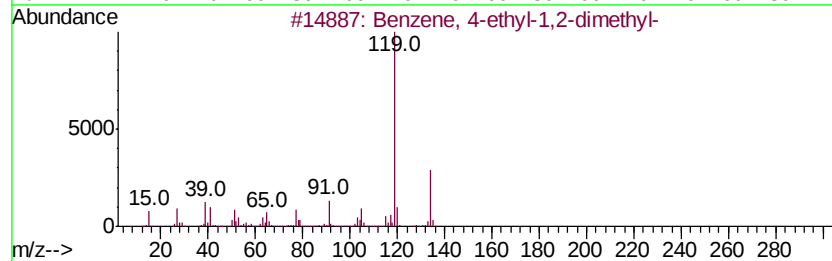
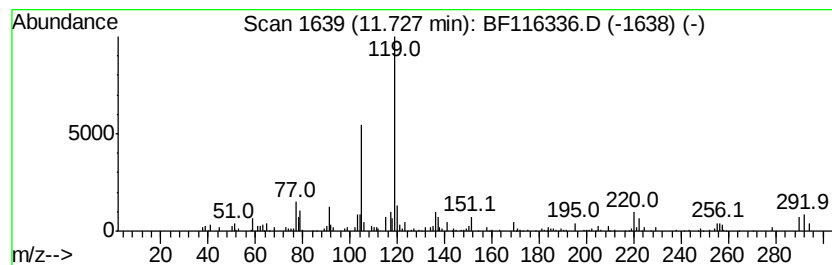
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.73 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.26 ng	148698	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
2		Benzamide, 2-methyl-N-(2-ethoxyph...	255	C16H17NO2	055814-37-4	38
3		N-(Mesitylenesulfonyl)imidazole	250	C12H14N2O2S	050257-39-1	38
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5		Benzene, tert-butyl-	134	C10H14	000098-06-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Sample : K4372-01
Misc :
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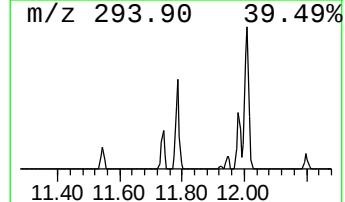
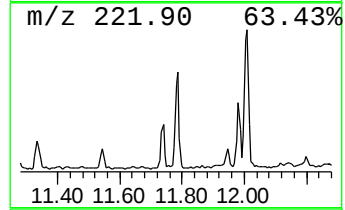
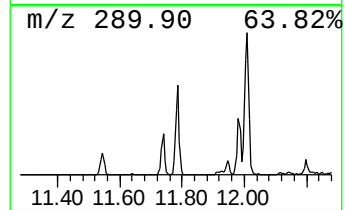
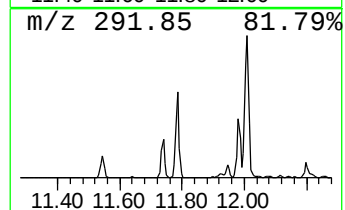
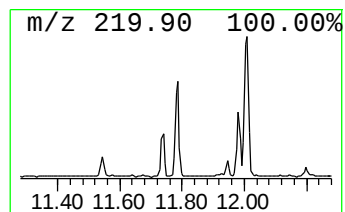
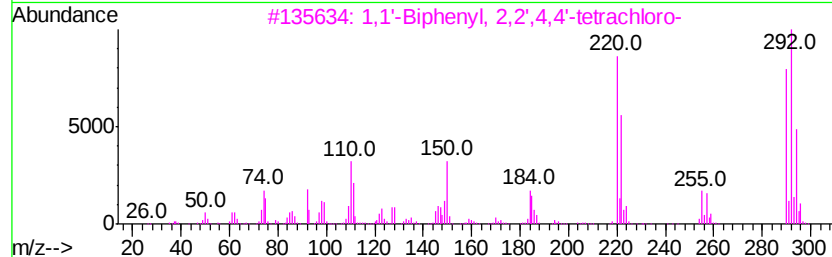
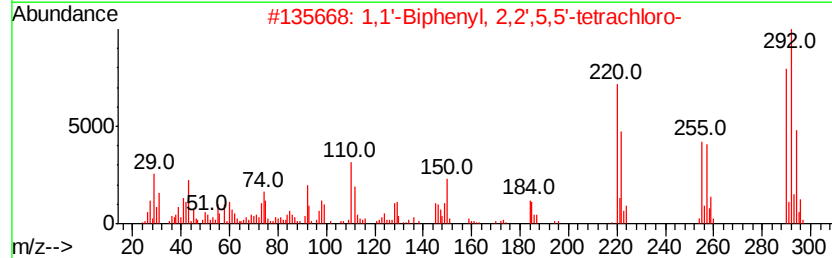
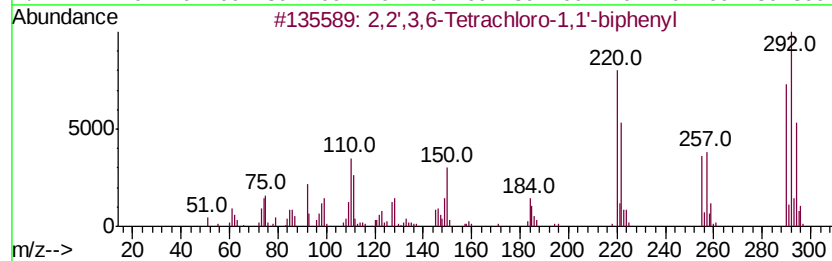
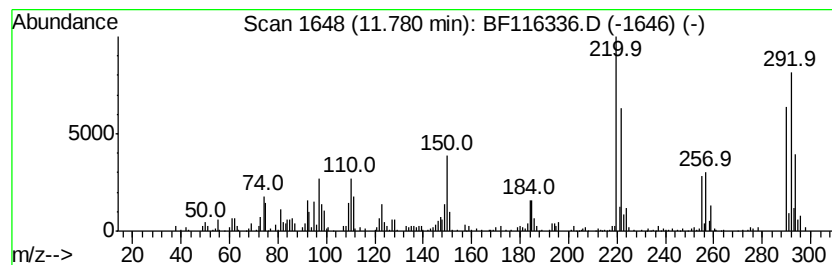
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.78	2.76 ng	181852	Phenanthrene-d10	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99	
2	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	290	C12H6Cl4	035693-99-3	99	
3	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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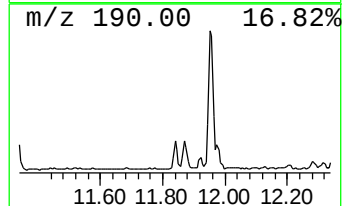
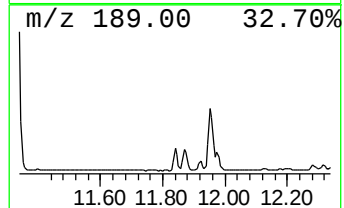
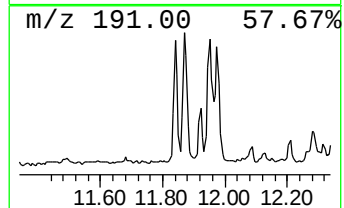
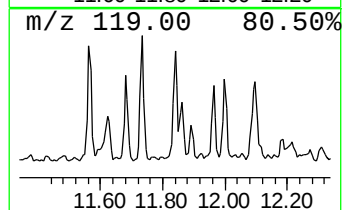
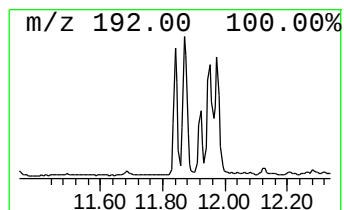
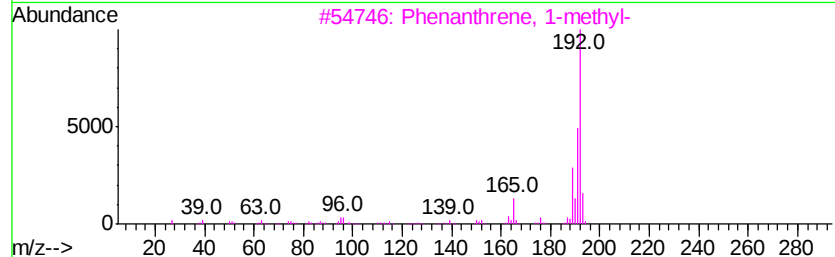
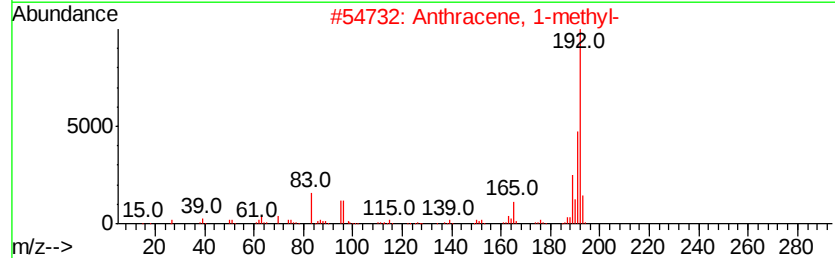
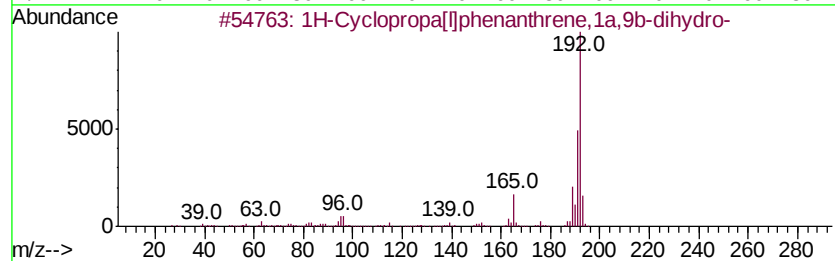
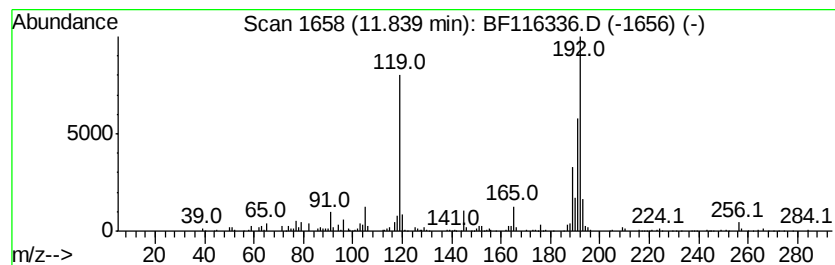
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.94 ng	193607	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
Acq On : 16 Aug 2019 23:46
Operator : HP/JU
Sample : K4372-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPOSITE

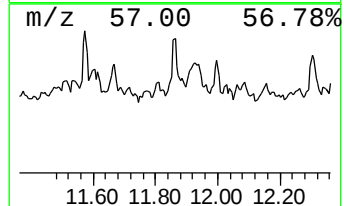
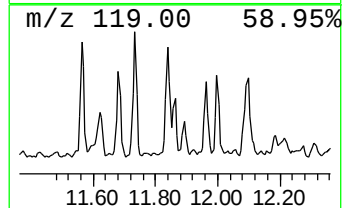
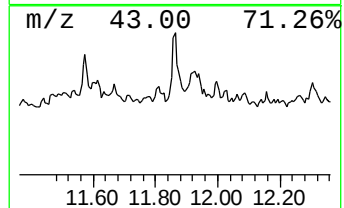
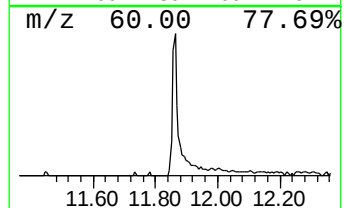
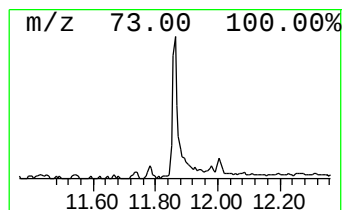
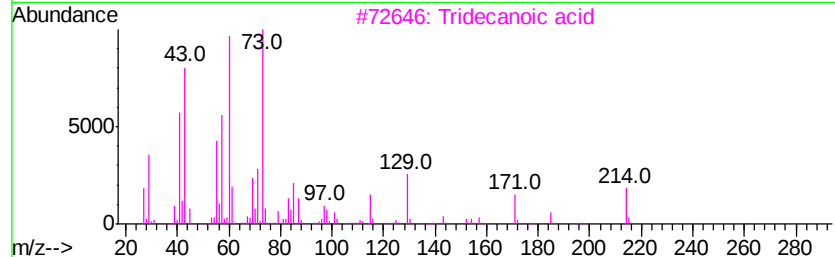
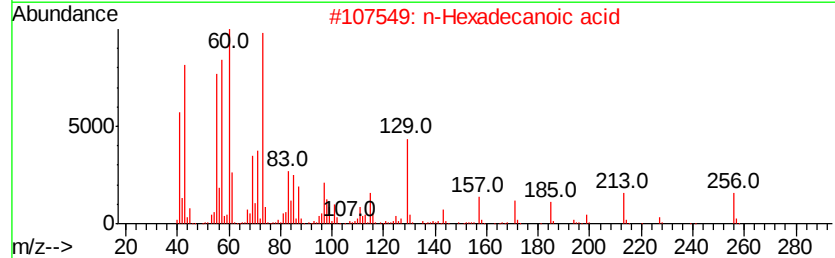
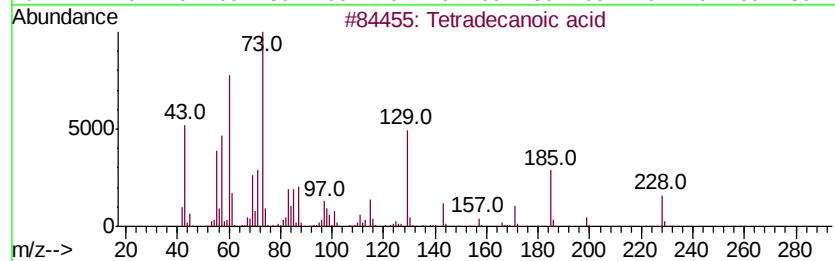
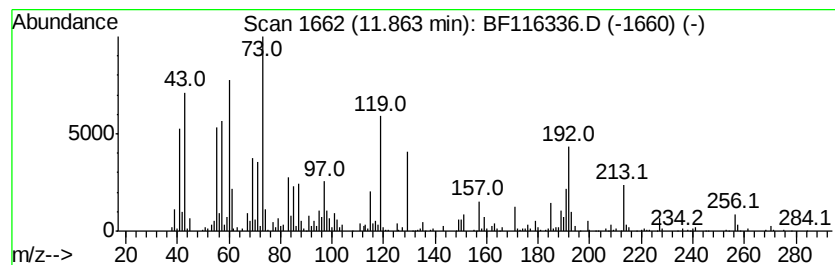
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.68 ng	374414	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3			Tridecanoic acid	214	C13H26O2	000638-53-9	55
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5			Octadecanoic acid	284	C18H36O2	000057-11-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
Acq On : 16 Aug 2019 23:46
Operator : HP/JU
Sample : K4372-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

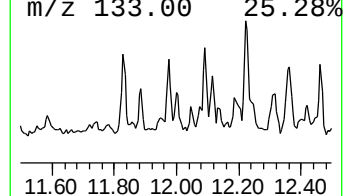
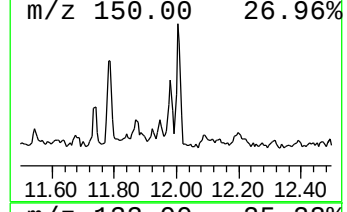
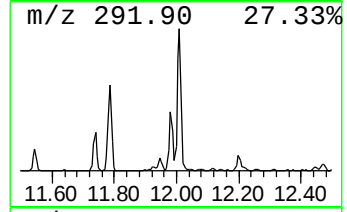
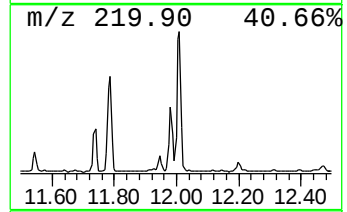
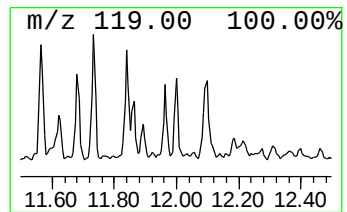
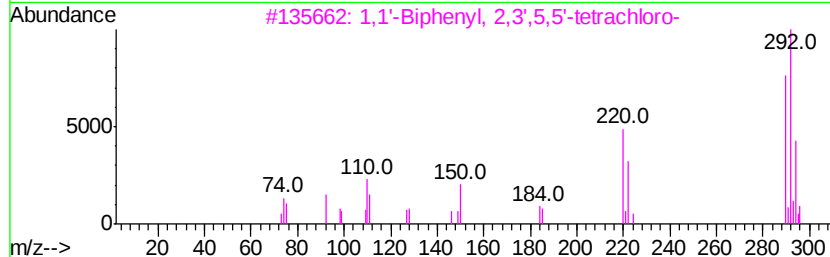
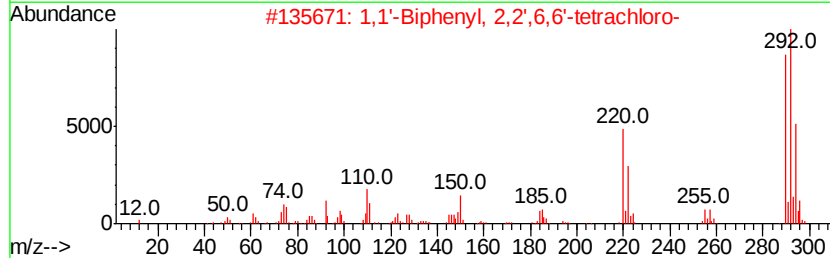
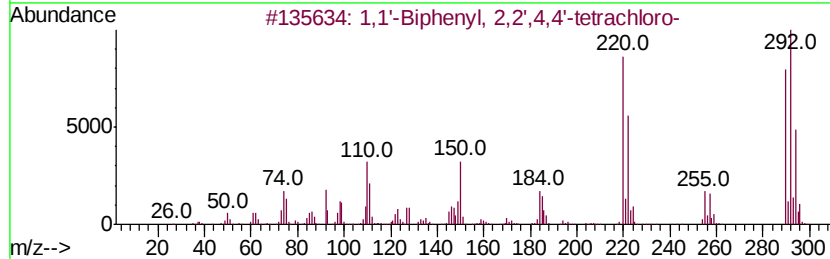
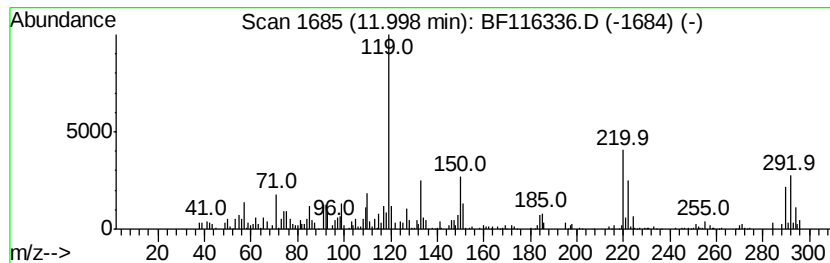
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.00	4.87 ng	321248	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrachloro	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrachloro	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3',4',5-tetrachloro	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,4,4',6-tetrachloro	290	C12H6Cl4	032598-12-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Acq On : 16 Aug 2019 23:46
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Sample : K4372-01
Misc :
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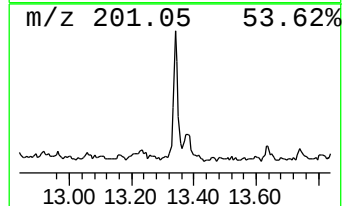
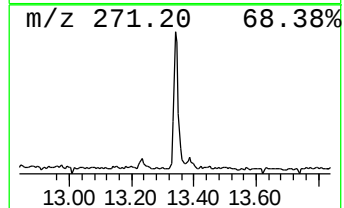
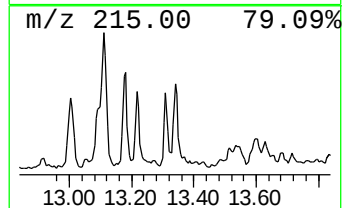
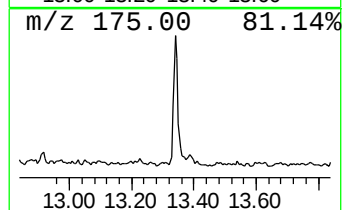
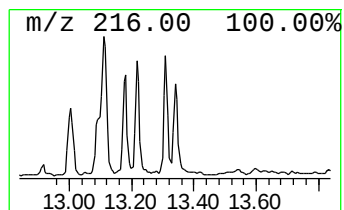
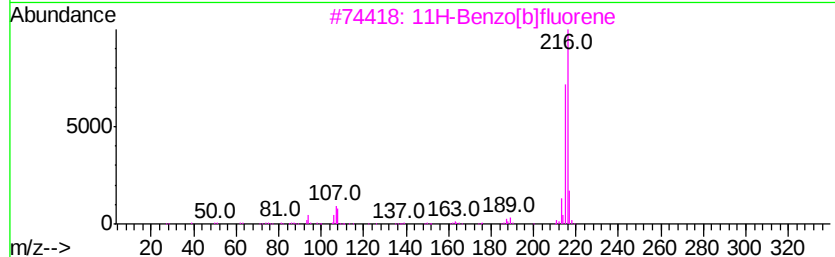
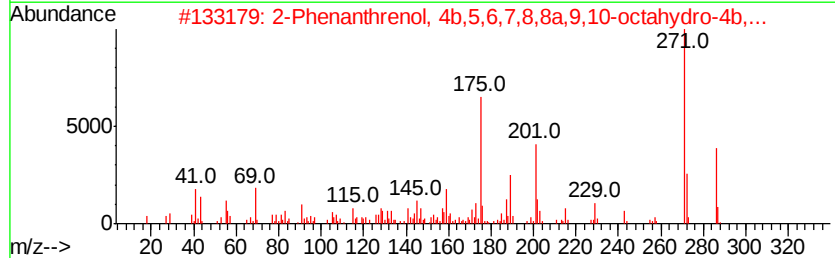
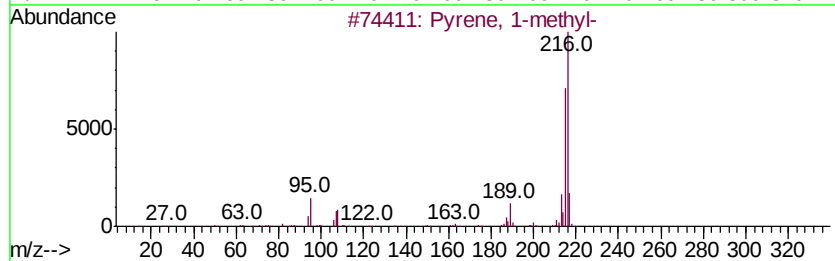
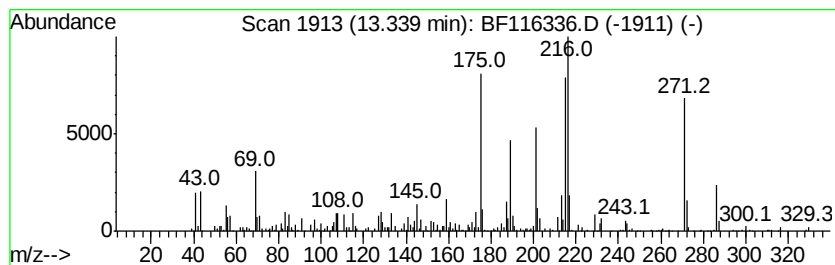
Instrument :
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ClientSampleId :
SOIL-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.34	2.82 ng	153833	Chrysene-d12	13.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
2		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	52
3		11H-Benzo[blfluorene	216	C17H12	000243-17-4	49
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	42
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116336.D
Acq On : 16 Aug 2019 23:46
Operator : HP/JU
Sample : K4372-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

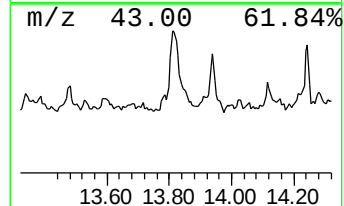
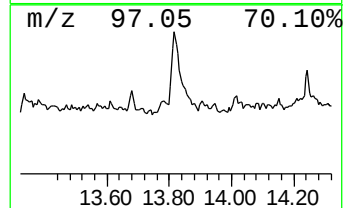
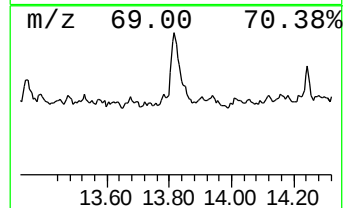
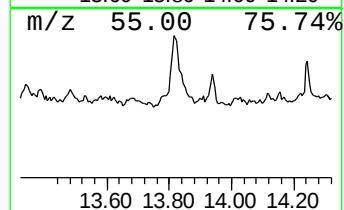
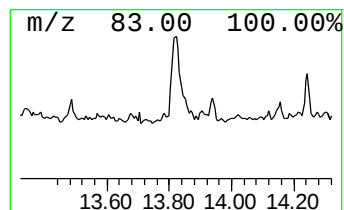
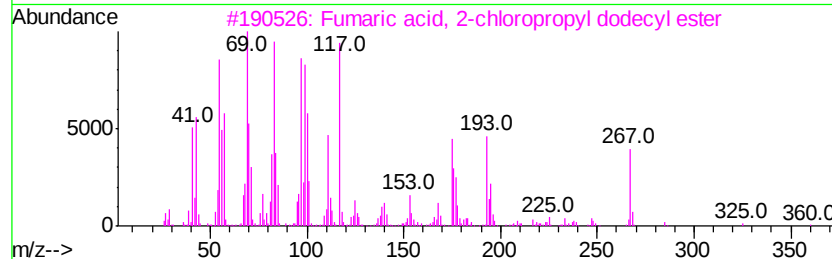
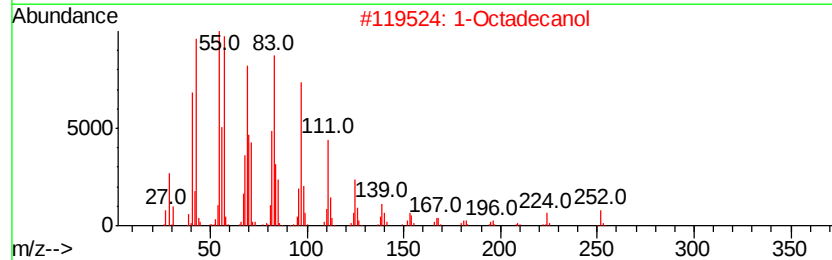
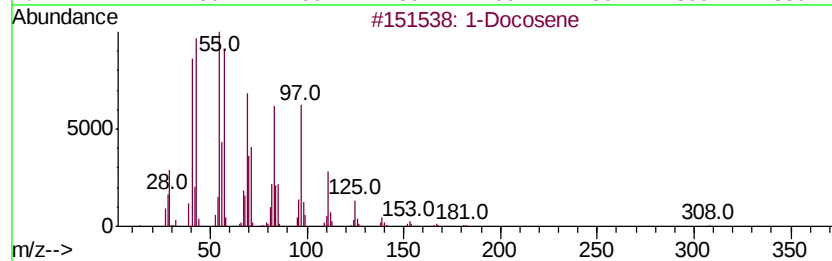
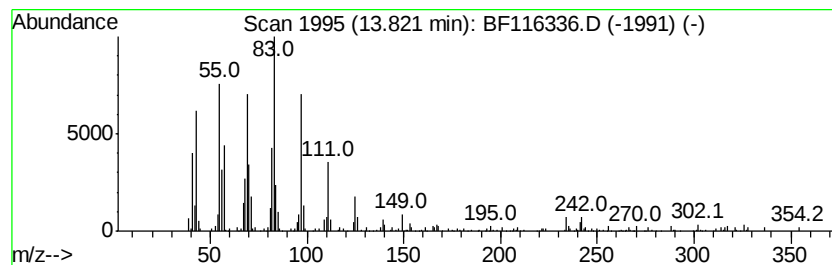
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ClientSampleId :
SOIL-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.66 ng	472272	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 58
2	1-Octadecanol		270 C18H38O	000112-92-5 55
3	Fumaric acid, 2-chloropropyl dod...		360 C19H33ClO4	1000348-57-0 52
4	Octacosanol		410 C28H58O	000557-61-9 52
5	n-Nonadecanol-1		284 C19H40O	001454-84-8 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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Acq On : 16 Aug 2019 23:46
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Sample : K4372-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

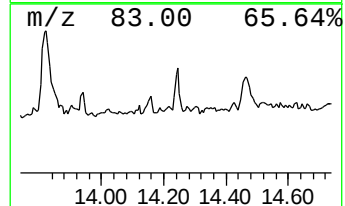
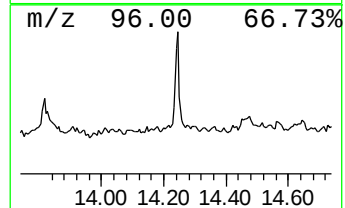
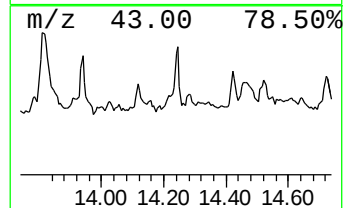
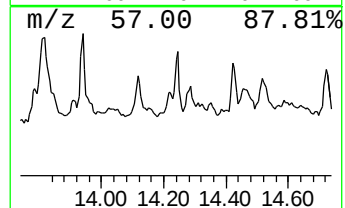
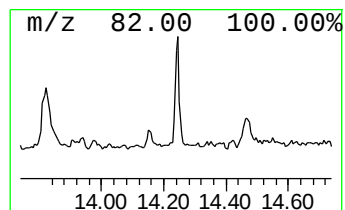
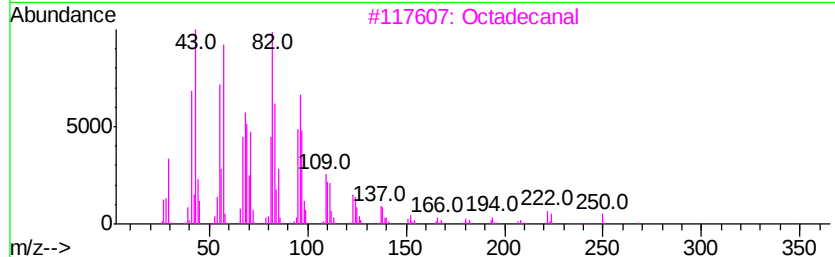
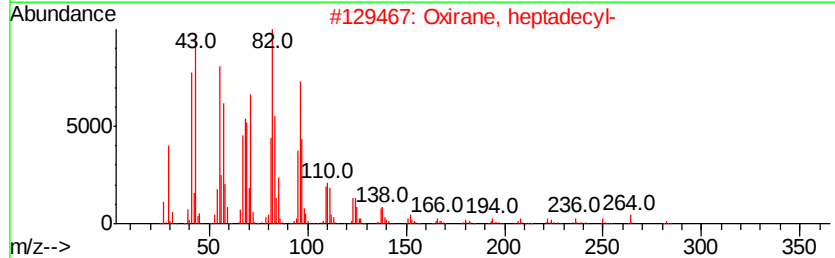
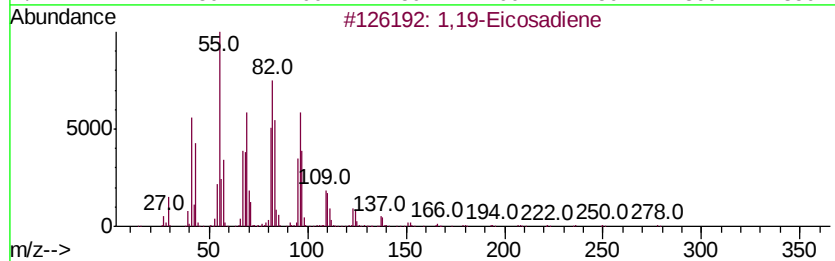
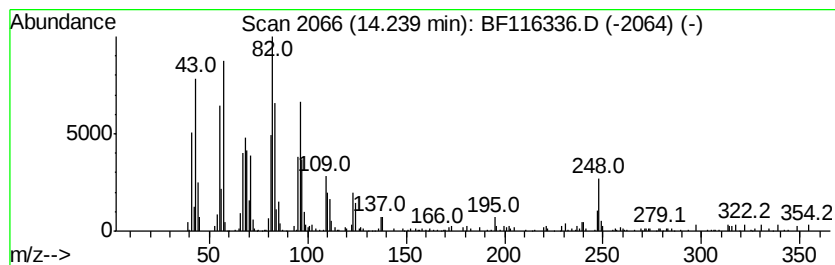
Instrument :
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ClientSampleId :
SOIL-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.24	2.84 ng	154594	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
3	Octadecanal	268	C18H36O	000638-66-4	87
4	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	87
5	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
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 Acq On : 16 Aug 2019 23:46
 Operator : HP/JU
 Sample : K4372-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.59	6.59	62.5	ng	3006710	1	6.82	962010	20.0
Benzene, 2-propenyl-	6.65	3.1	ng	151462	1	6.82	962010	20.0
Naphthalene, 2,3-...	9.51	2.7	ng	171993	3	9.85	1274910	20.0
unknown9.71	9.71	2.6	ng	167614	3	9.85	1274910	20.0
Decahydro-4,4,8,9...	9.76	2.9	ng	184728	3	9.85	1274910	20.0
unknown10.25	10.25	3.3	ng	212221	3	9.85	1274910	20.0
Dodecane, 2-methy...	10.76	5.0	ng	327740	4	11.34	1318700	20.0
unknown11.57	11.57	2.6	ng	169254	4	11.34	1318700	20.0
unknown11.73	11.73	2.3	ng	148698	4	11.34	1318700	20.0
2,2',3,6-Tetrachl...	11.78	2.8	ng	181852	4	11.34	1318700	20.0
1H-Cyclopropa[l]p...	11.84	2.9	ng	193607	4	11.34	1318700	20.0
Tetradecanoic acid	11.86	5.7	ng	374414	4	11.34	1318700	20.0
1,1'-Biphenyl, 2,...	12.00	4.9	ng	321248	4	11.34	1318700	20.0
Pyrene, 1-methyl-	13.34	2.8	ng	153833	5	13.98	1090080	20.0
1-Docosene	13.82	8.7	ng	472272	5	13.98	1090080	20.0
1,19-Eicosadiene	14.24	2.8	ng	154594	5	13.98	1090080	20.0