

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
 Data File : BF114044.D
 Acq On : 30 Apr 2019 16:10
 Operator : JU/SJ
 Sample : K2194-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-B

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-BF042219.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	5.510	578	582	599	rVB	1327142	1256037	8.70%	1.766%
2	6.516	749	753	769	rVB	1528007	1374237	9.52%	1.932%
3	6.663	774	778	781	rBV	1640262	1437619	9.96%	2.021%
4	6.892	813	817	820	rBV	909502	707435	4.90%	0.994%
5	7.045	840	843	847	rBV	1216543	1131187	7.84%	1.590%
6	7.445	904	911	917	rBV	945787	842184	5.84%	1.184%
7	8.175	1030	1035	1041	rBV	1004278	1024402	7.10%	1.440%
8	8.763	1132	1135	1139	rBV2	143096	162597	1.13%	0.229%
9	9.245	1213	1217	1220	rBV	2138354	1658108	11.49%	2.331%
10	9.333	1228	1232	1236	rBV	250735	261336	1.81%	0.367%
11	9.504	1258	1261	1268	rVB5	126191	147247	1.02%	0.207%
12	9.633	1281	1283	1288	rBV2	256443	381976	2.65%	0.537%
13	9.857	1318	1321	1326	rVB	418772	383578	2.66%	0.539%
14	9.928	1330	1333	1336	rVB	1211303	986043	6.83%	1.386%
15	10.181	1372	1376	1380	rBV4	135344	183046	1.27%	0.257%
16	10.357	1400	1406	1409	rBV	706476	644445	4.47%	0.906%
17	10.580	1438	1444	1449	rBV	274661	382529	2.65%	0.538%
18	10.716	1461	1467	1470	rBV	945380	986603	6.84%	1.387%
19	10.833	1484	1487	1494	rBV	694589	868289	6.02%	1.220%
20	11.280	1559	1563	1565	rBV	675826	580136	4.02%	0.815%
21	11.310	1565	1568	1574	rVB	327618	359109	2.49%	0.505%
22	11.410	1582	1585	1588	rBV	1032428	985328	6.83%	1.385%
23	11.433	1588	1589	1592	rVB	333601	218988	1.52%	0.308%
24	11.704	1632	1635	1637	rBV	676170	535543	3.71%	0.753%
25	11.727	1637	1639	1643	rVB2	275999	230161	1.59%	0.324%
26	11.810	1648	1653	1656	rBV	6348999	5772863	40.01%	8.114%
27	11.945	1672	1676	1682	rBV	660959	707524	4.90%	0.995%
28	12.110	1699	1704	1709	rBV2	560428	592835	4.11%	0.833%
29	12.504	1765	1771	1773	rBV	8094309	14061792	97.45%	19.766%
30	12.533	1773	1776	1780	rVV3	9578104	14430177	100.00%	20.283%
31	12.569	1780	1782	1784	rVV	275020	210216	1.46%	0.295%
32	12.598	1784	1787	1790	rVV	3381350	2847831	19.74%	4.003%
33	12.627	1790	1792	1795	rVV2	1015650	1375213	9.53%	1.933%
34	12.657	1795	1797	1804	rVV	1742503	2340290	16.22%	3.290%

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35	12.727	1807	1809	1814	rVB2	307414	304961	2.11%	0.429%
36	12.827	1823	1826	1829	rBV2	745314	728245	5.05%	1.024%
37	12.857	1829	1831	1832	rBV	332726	252011	1.75%	0.354%
38	12.998	1851	1855	1858	rBV	1825994	1551153	10.75%	2.180%
39	13.033	1858	1861	1864	rVB4	139986	147725	1.02%	0.208%
40	13.074	1865	1868	1870	rBV3	136035	177540	1.23%	0.250%
41	13.157	1879	1882	1883	rBV	611732	582003	4.03%	0.818%
42	13.180	1883	1886	1891	rVV3	400681	688827	4.77%	0.968%
43	13.239	1891	1896	1902	rVV3	690122	1155934	8.01%	1.625%
44	13.316	1906	1909	1913	rVB	609247	543590	3.77%	0.764%
45	13.569	1949	1952	1955	rBV	278759	238853	1.66%	0.336%
46	13.739	1978	1981	1984	rVB3	212071	285972	1.98%	0.402%
47	13.892	2005	2007	2010	rBV	229010	199883	1.39%	0.281%
48	13.986	2020	2023	2027	rBV	419417	399607	2.77%	0.562%
49	14.051	2030	2034	2037	rVV2	961337	1132643	7.85%	1.592%
50	14.074	2037	2038	2041	rVB	247629	170018	1.18%	0.239%
51	14.210	2059	2061	2069	rVB2	269154	269809	1.87%	0.379%
52	14.521	2111	2114	2120	rBV	395045	526123	3.65%	0.740%
53	14.610	2127	2129	2132	rBV2	183258	193817	1.34%	0.272%
54	14.833	2164	2167	2170	rBV	251049	241529	1.67%	0.339%
55	14.951	2183	2187	2195	rVB	470928	709823	4.92%	0.998%
56	15.539	2283	2287	2289	rBV	448860	576029	3.99%	0.810%

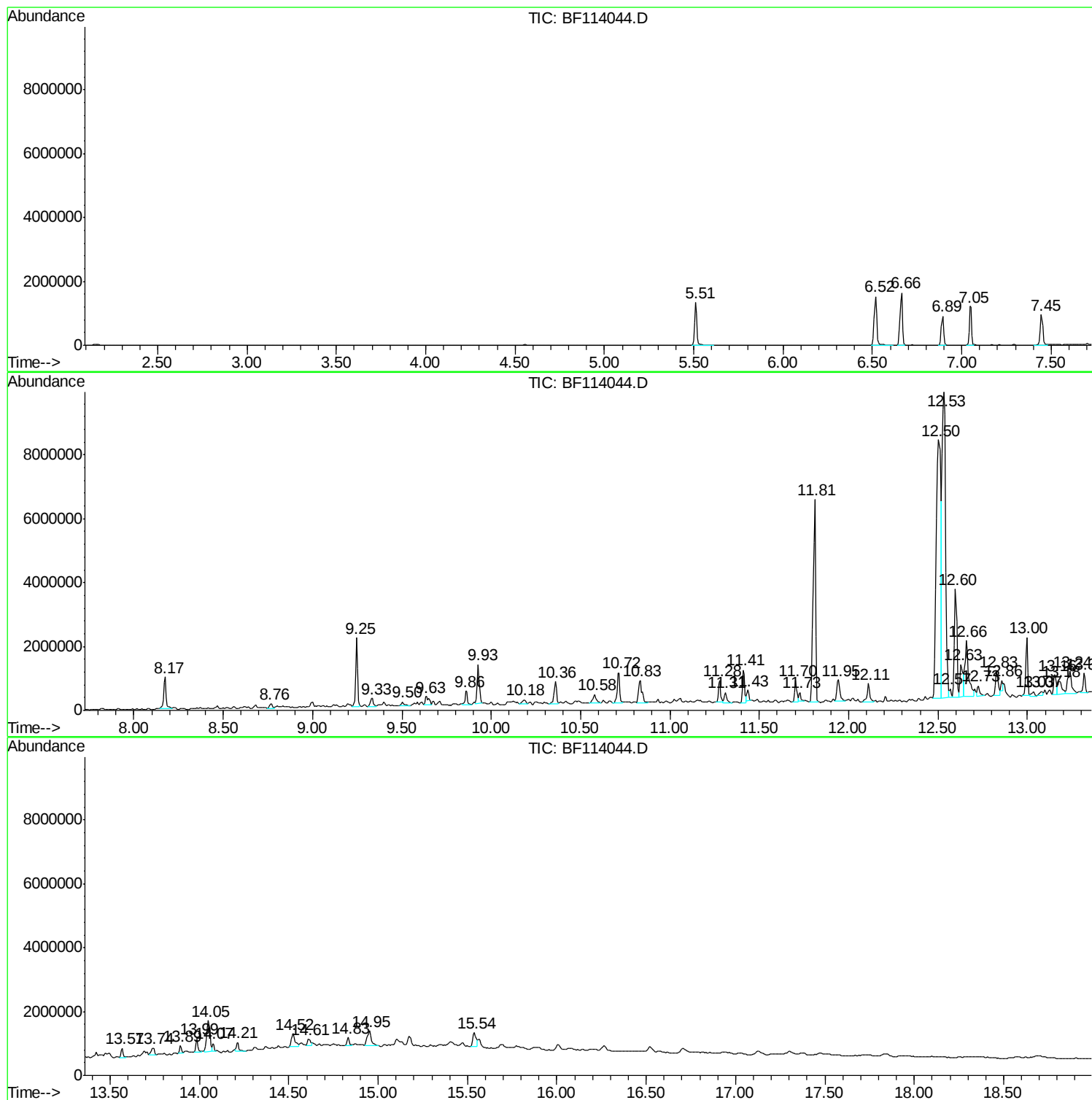
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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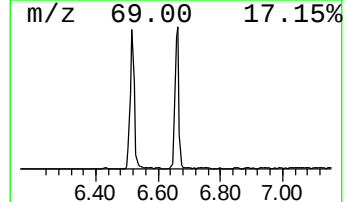
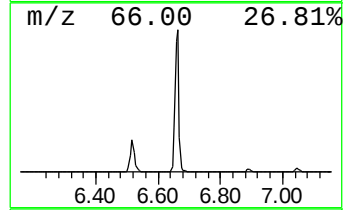
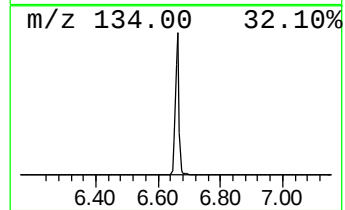
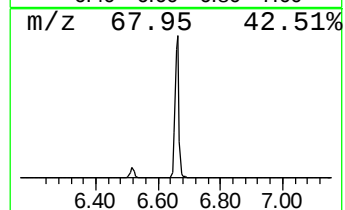
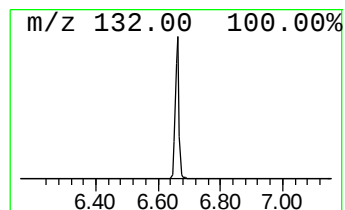
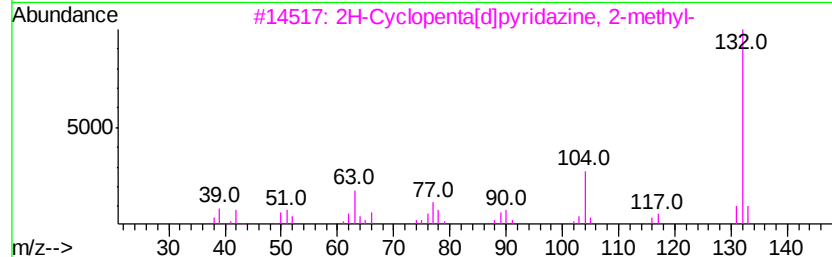
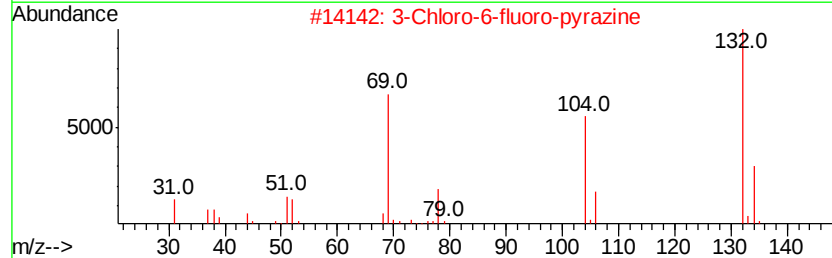
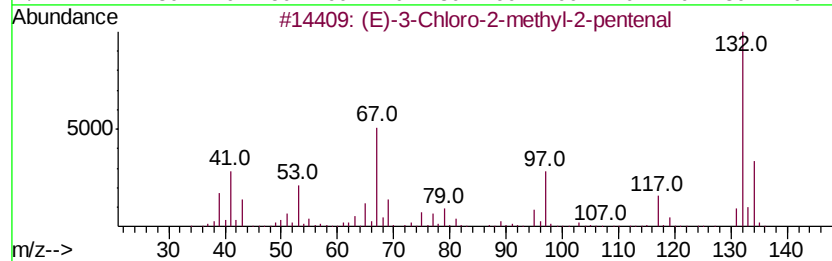
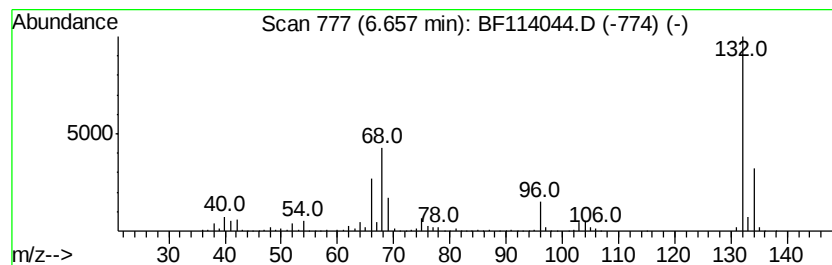
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	40.64 ng	1437620	1,4-Dichlorobenzene-d4	6.89

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		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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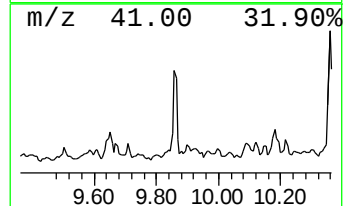
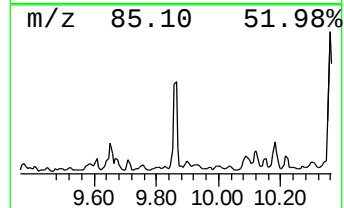
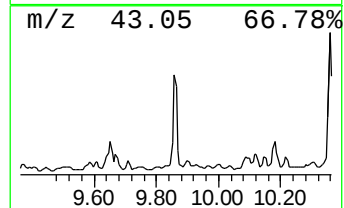
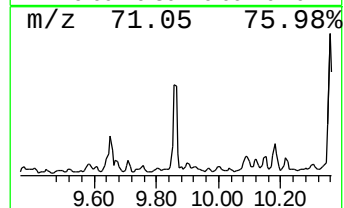
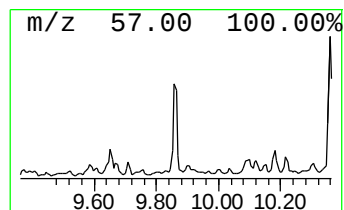
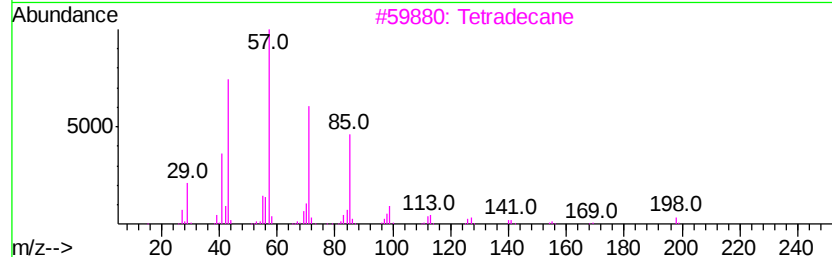
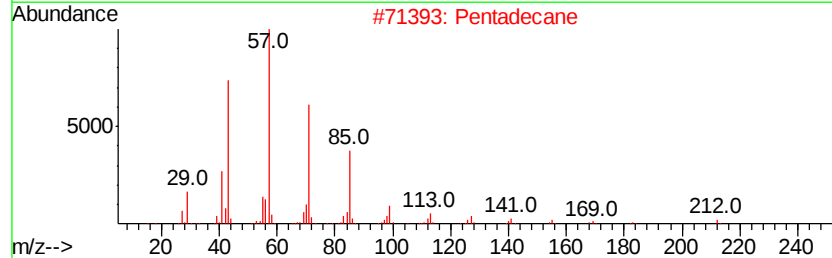
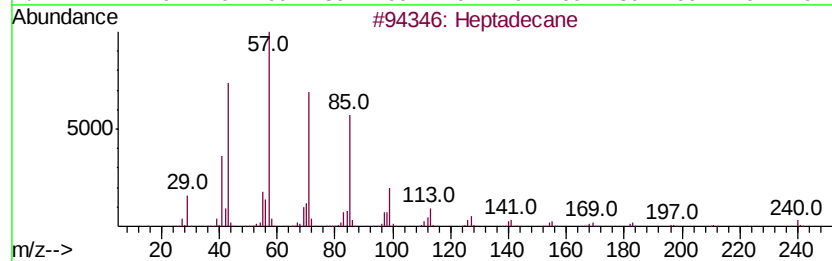
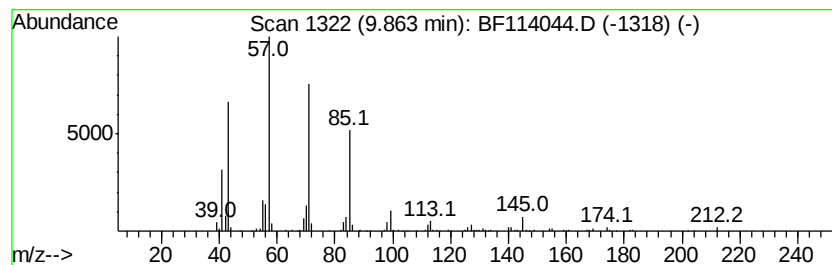
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.86	7.78 ng	383578	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



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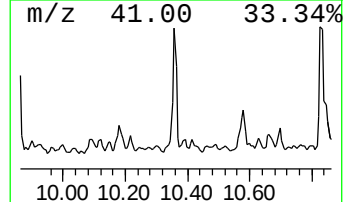
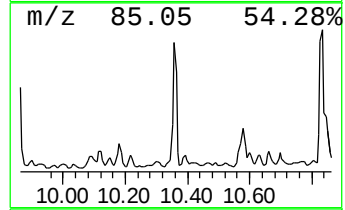
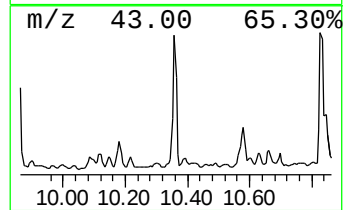
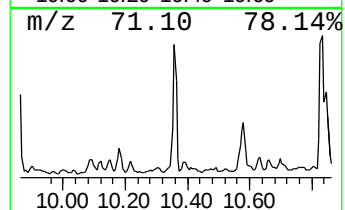
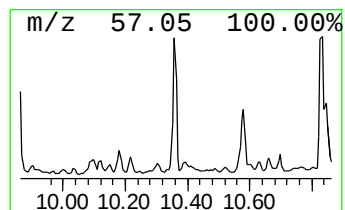
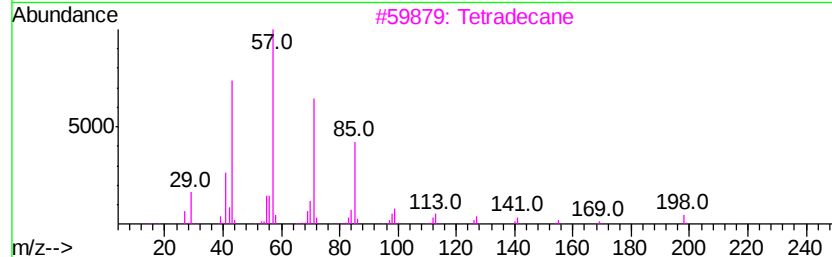
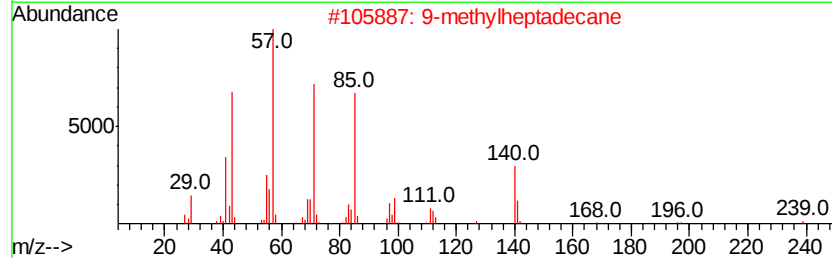
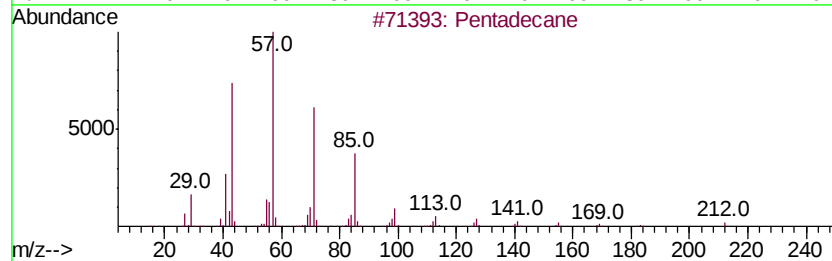
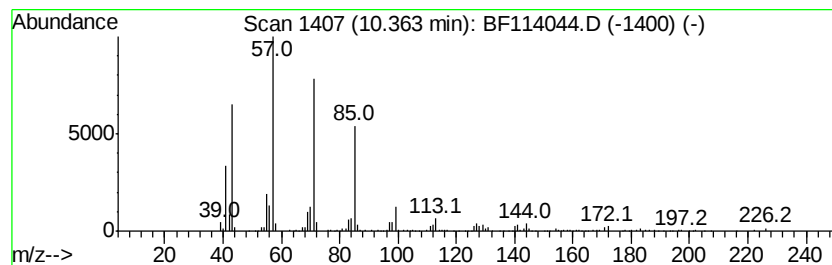
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	13.07 ng	644445	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	9-methylheptadecane	254 C18H38	026741-18-4	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87
5	1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0	72



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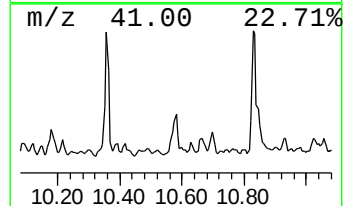
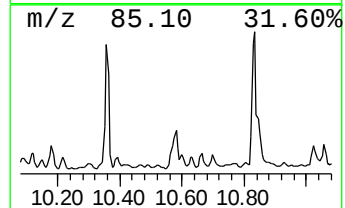
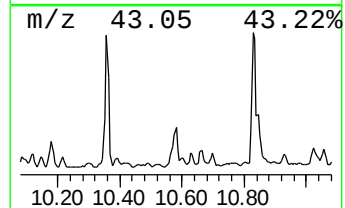
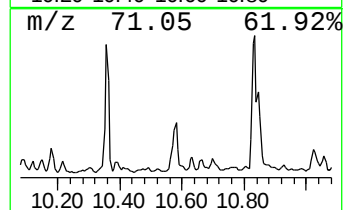
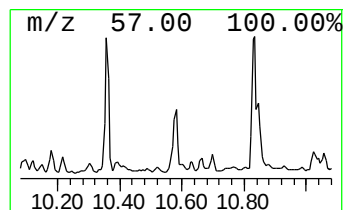
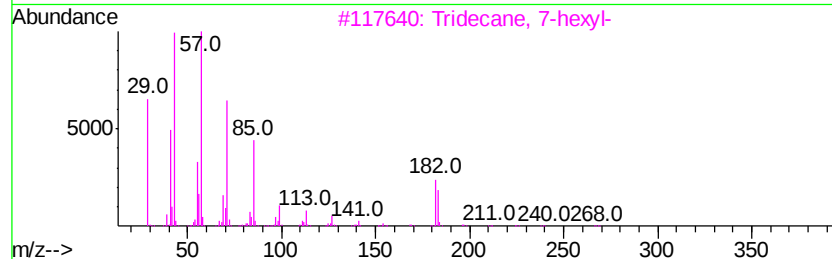
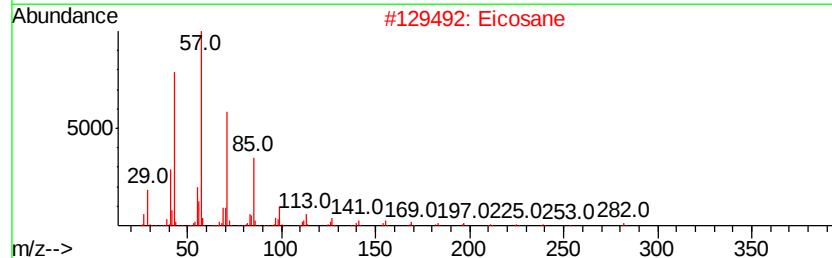
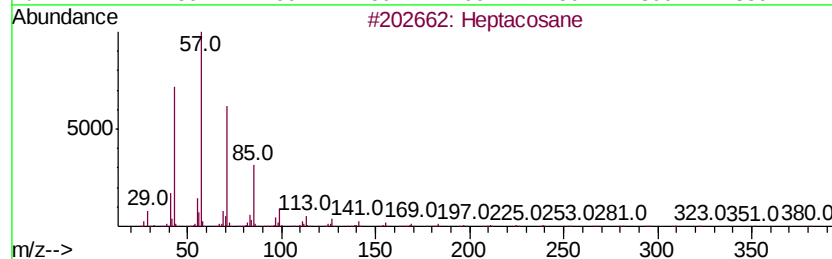
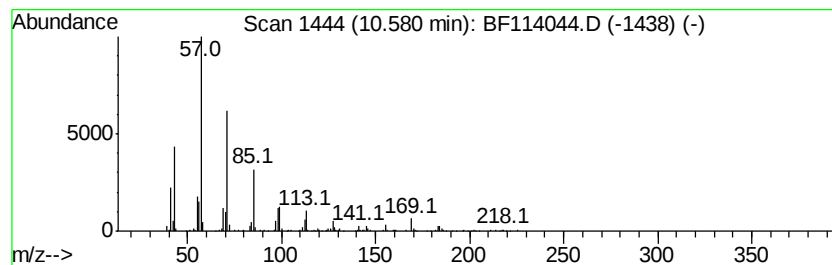
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.76 ng	382529	Acenaphthene-d10	9.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Eicosane		282	C20H42	000112-95-8	80
3	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	80
4	Heneicosane		296	C21H44	000629-94-7	80
5	Decane, 2-methyl-		156	C11H24	006975-98-0	74



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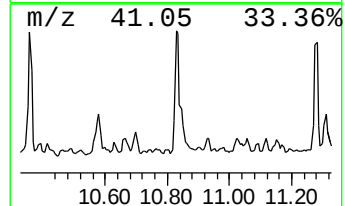
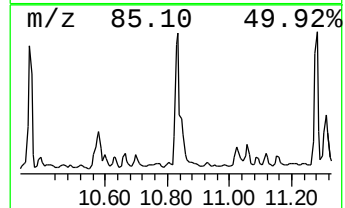
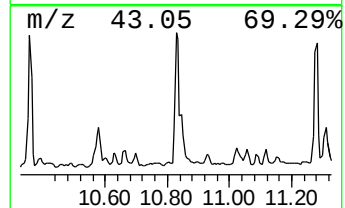
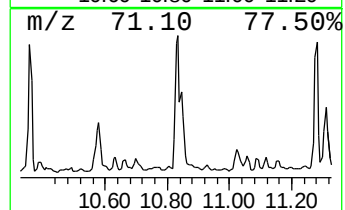
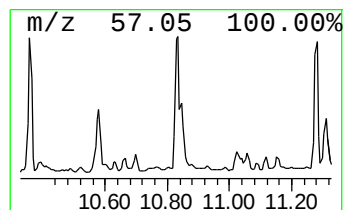
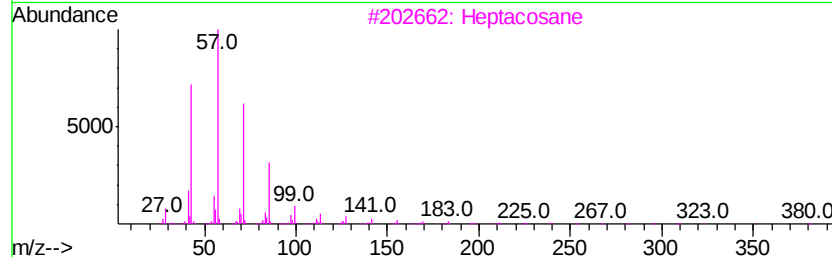
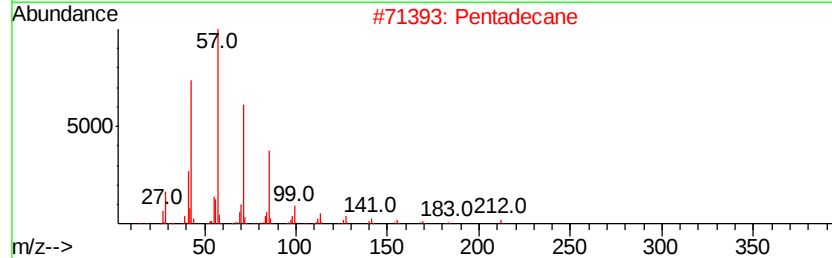
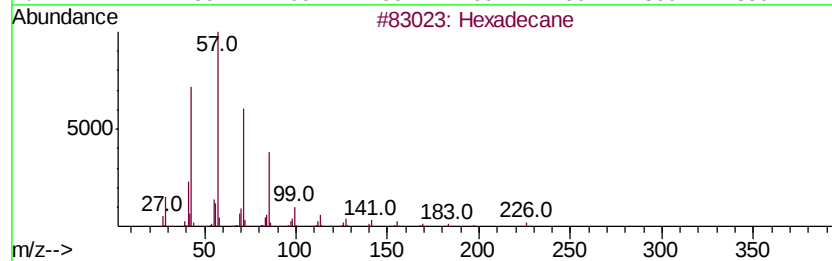
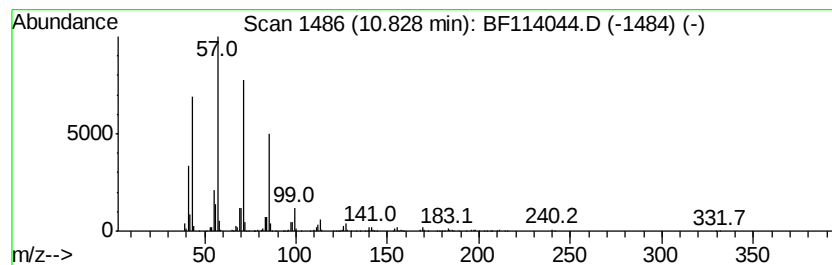
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	17.62 ng	868289	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Tetracosane	338	C24H50	000646-31-1	72
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

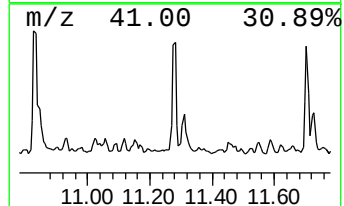
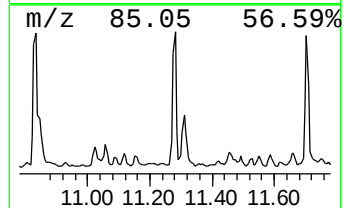
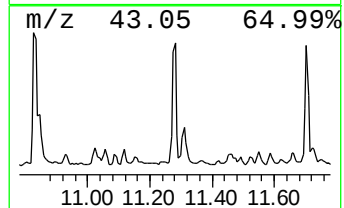
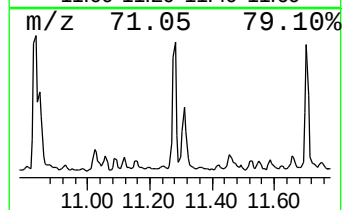
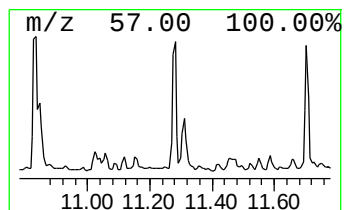
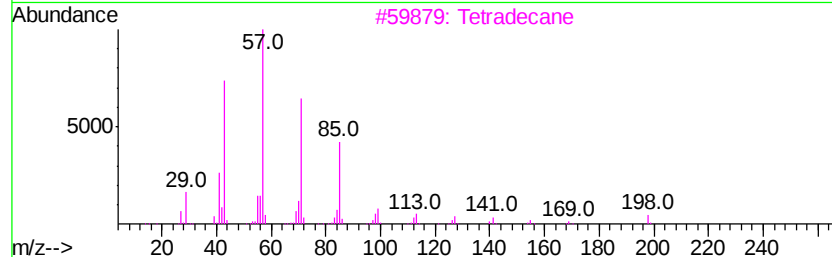
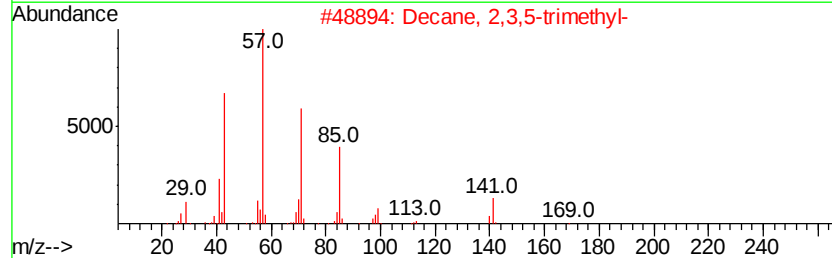
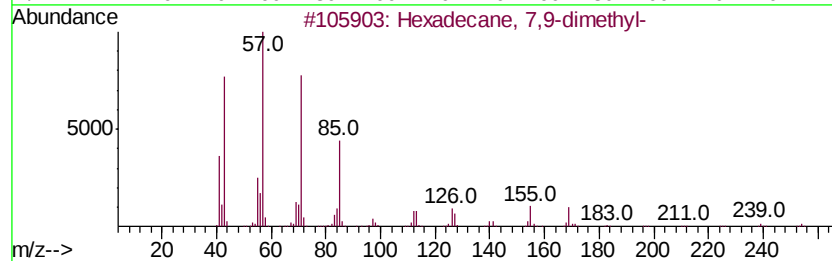
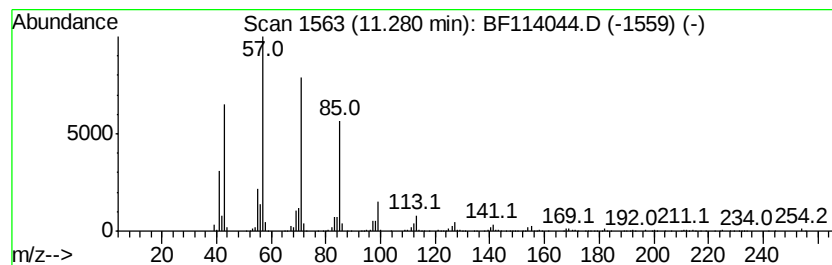
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 7,9-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	11.78 ng	580136	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Pentadecane	212	C15H32	000629-62-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

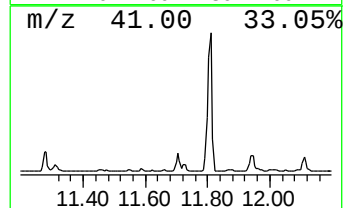
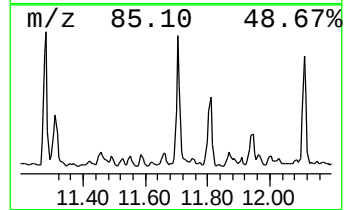
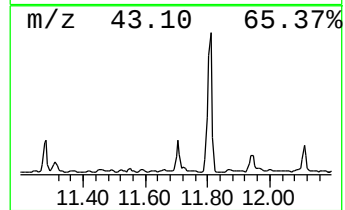
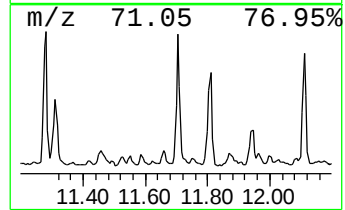
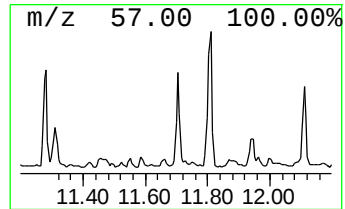
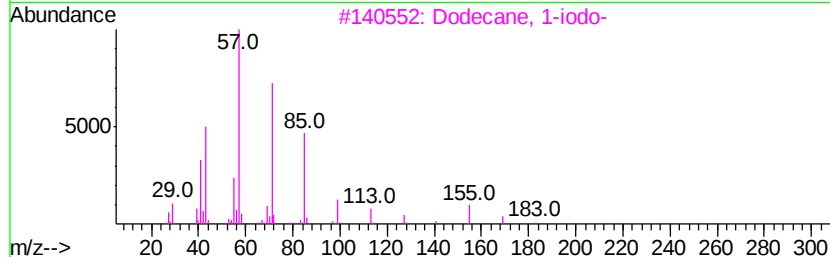
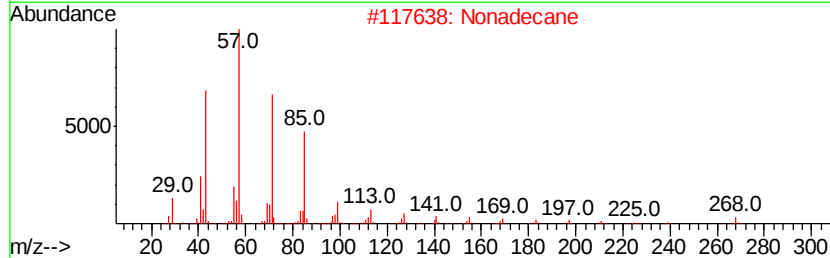
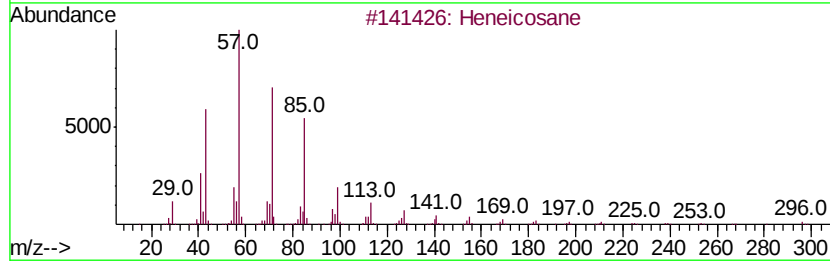
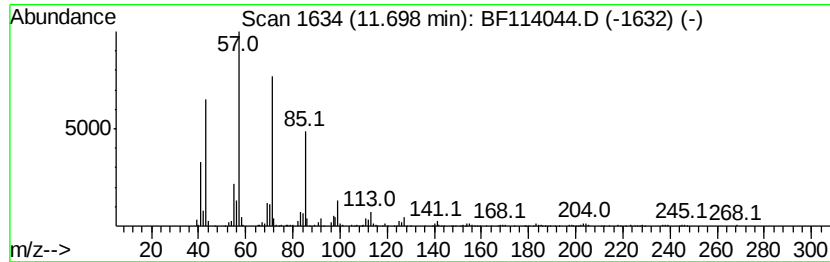
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.70	10.87 ng	535543	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4		Dodecane	170	C12H26	000112-40-3	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

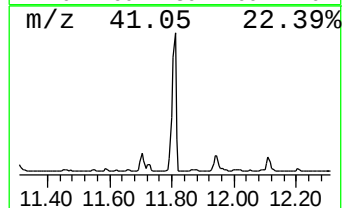
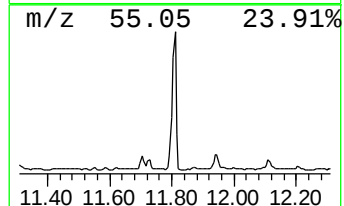
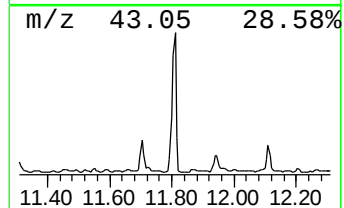
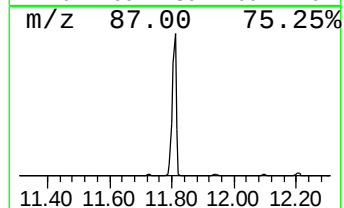
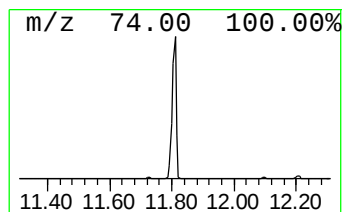
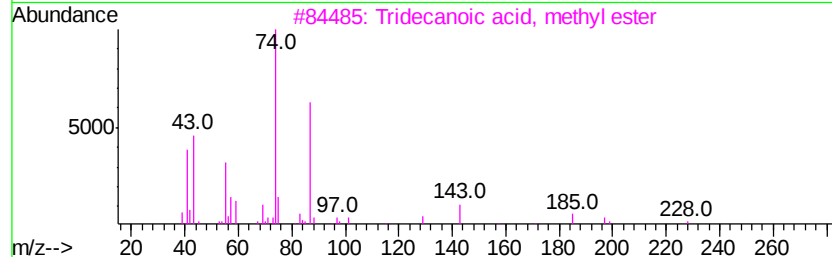
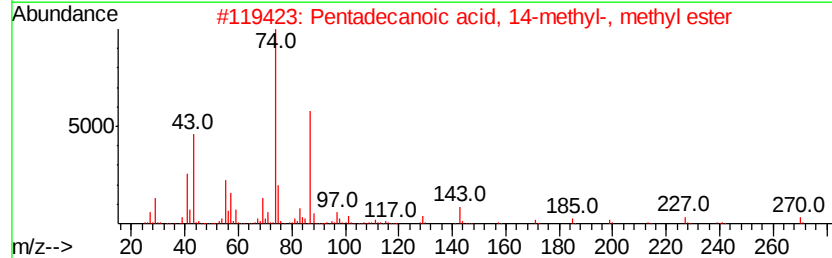
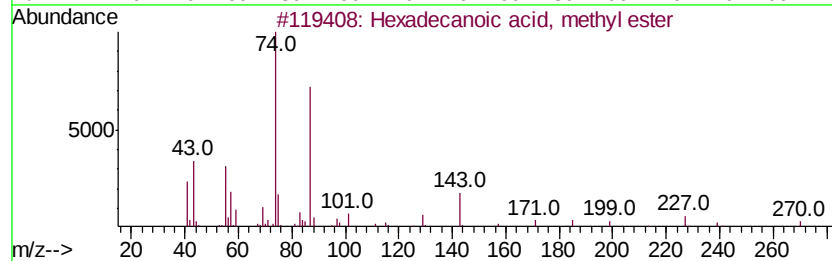
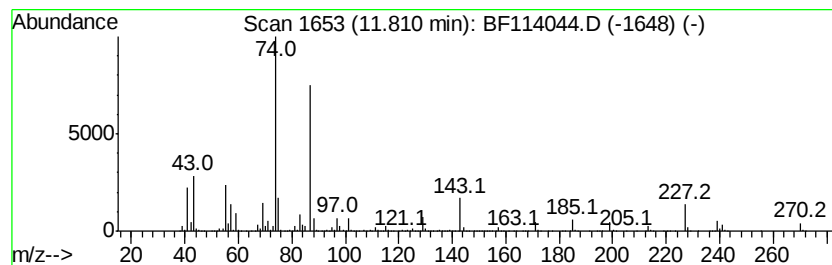
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	117.18 ng	5772860	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-B

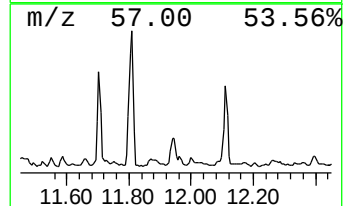
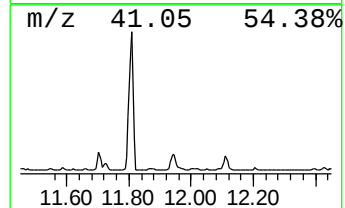
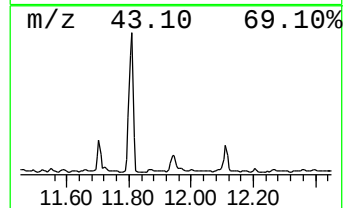
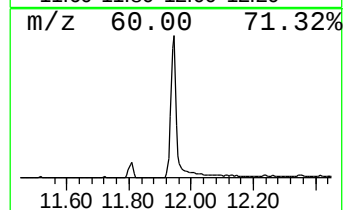
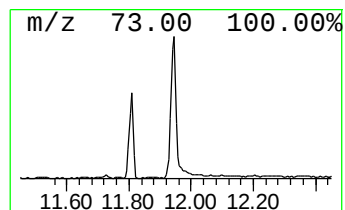
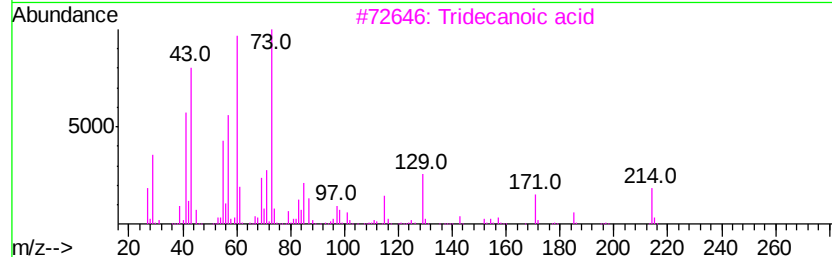
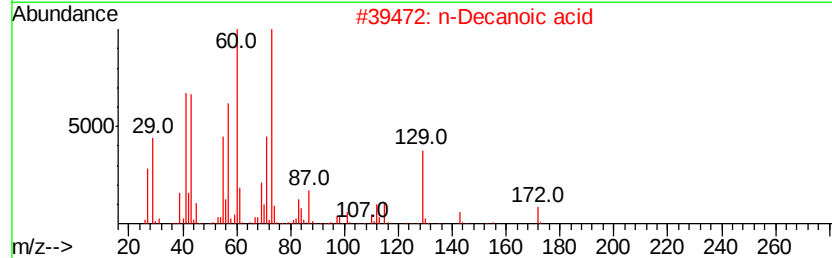
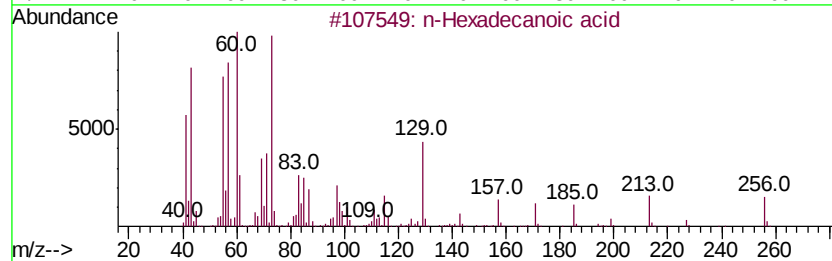
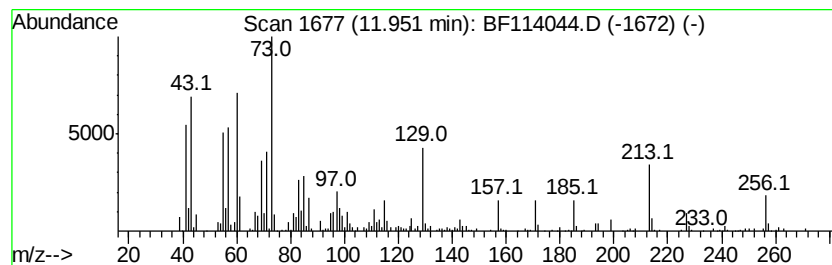
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	14.36 ng	707524	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	60
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-B

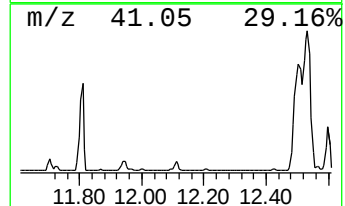
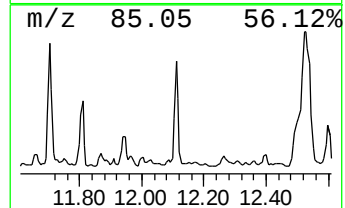
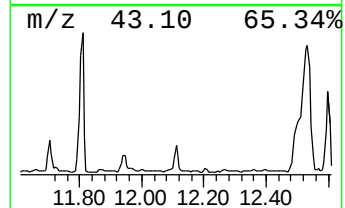
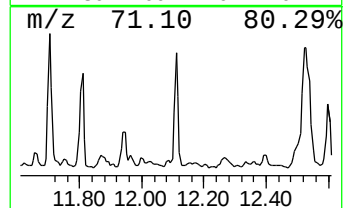
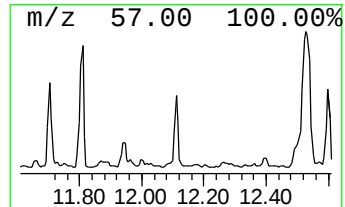
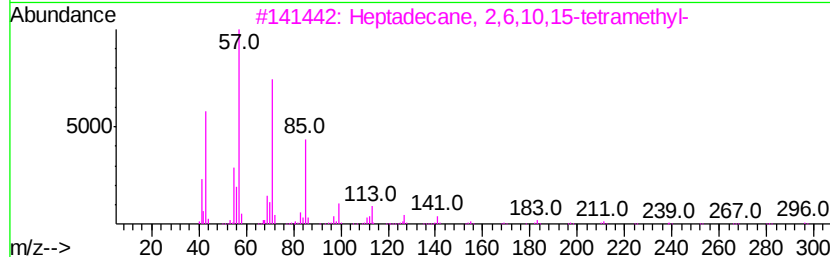
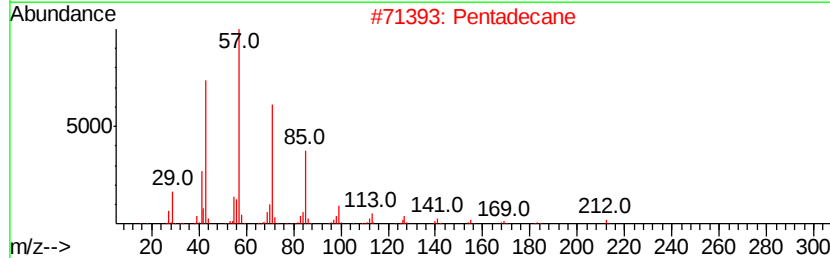
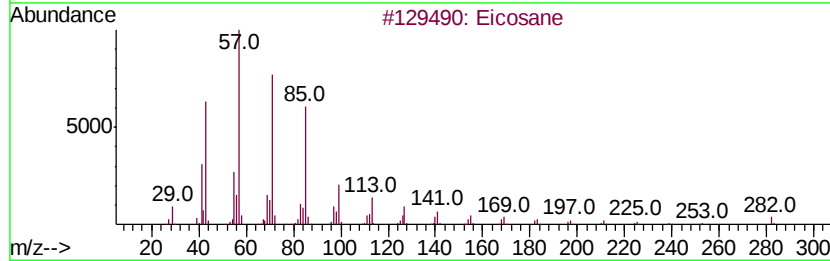
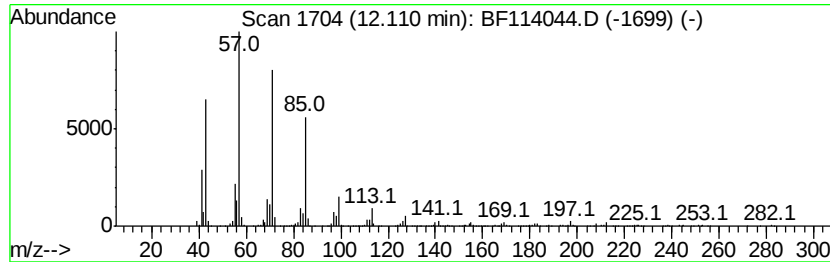
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.03 ng	592835	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Pentadecane	212	C15H32	000629-62-9	95
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-B

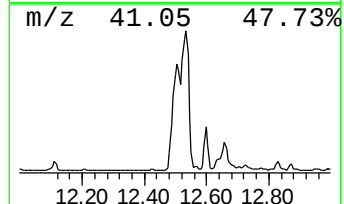
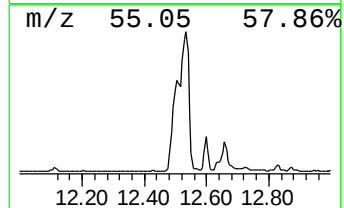
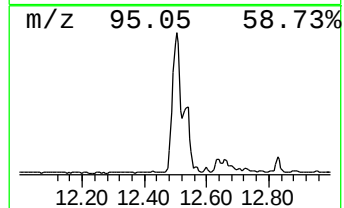
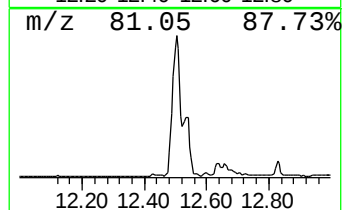
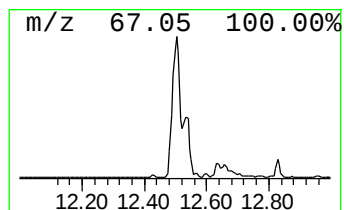
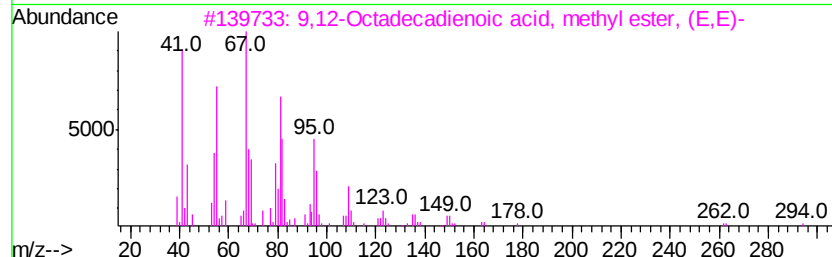
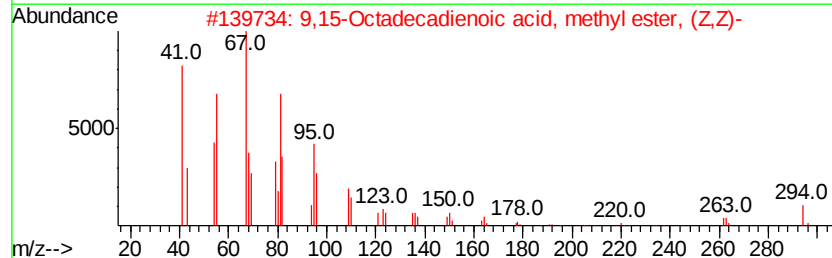
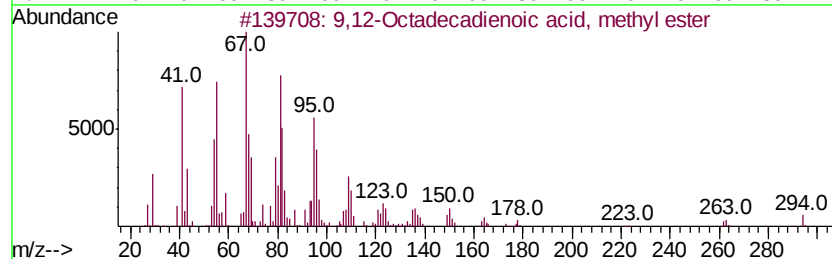
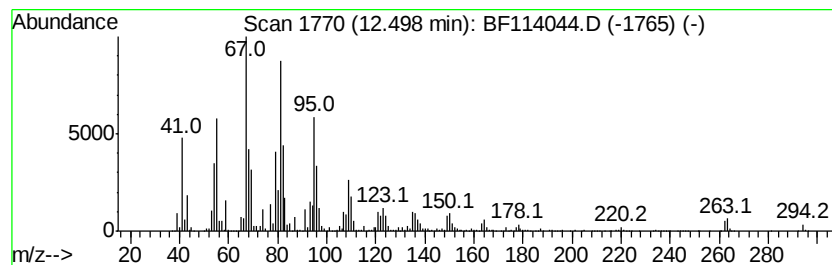
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	285.42 ng	14061800	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
4		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

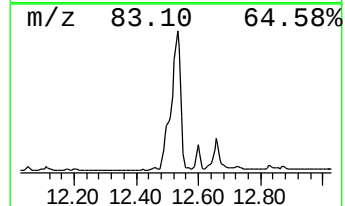
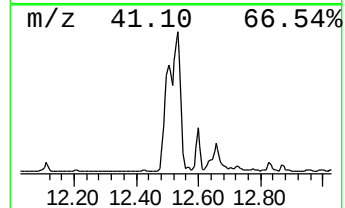
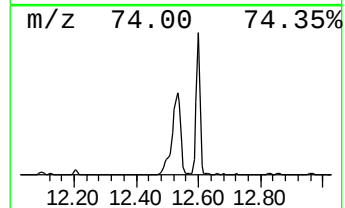
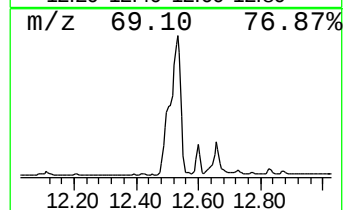
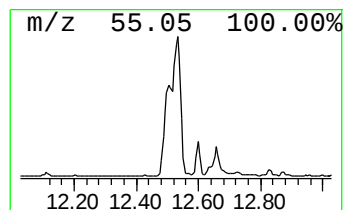
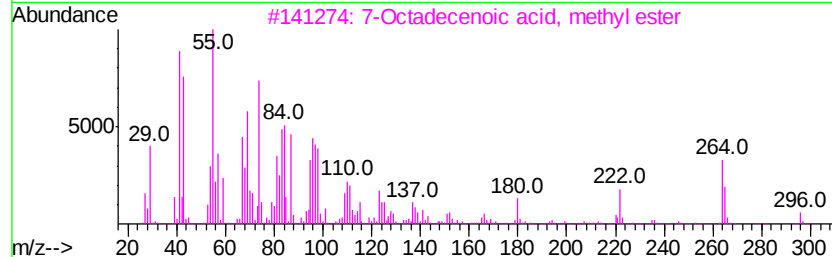
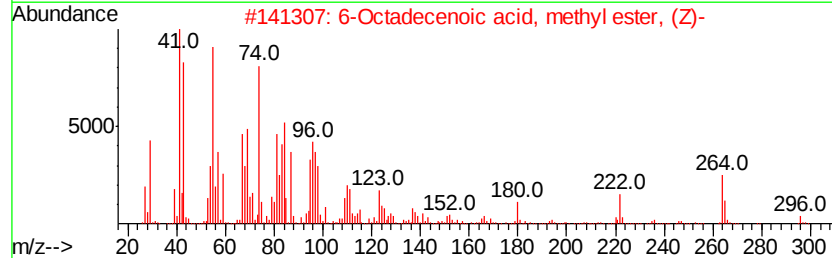
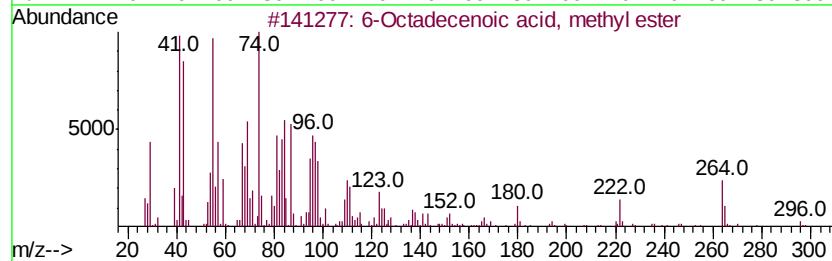
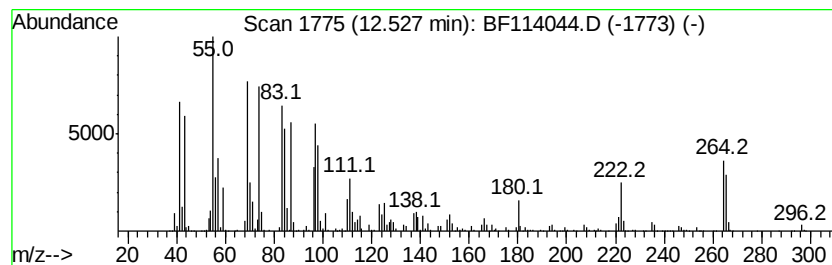
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 6-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.53	292.90 ng	14430200	Phenanthrene-d10	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95	
2	6-Octadecenoic acid, methyl ester...	296	C19H36O2	002777-58-4	94	
3	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	91	
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	89	
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	86	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Acq On : 30 Apr 2019 16:10
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Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

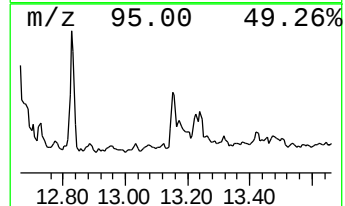
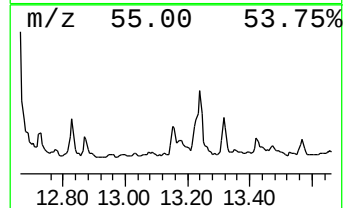
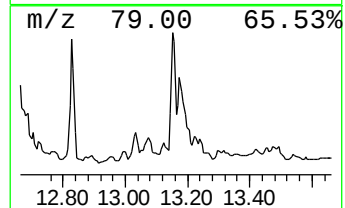
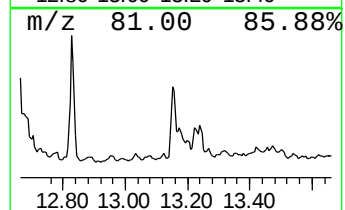
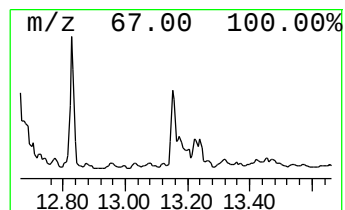
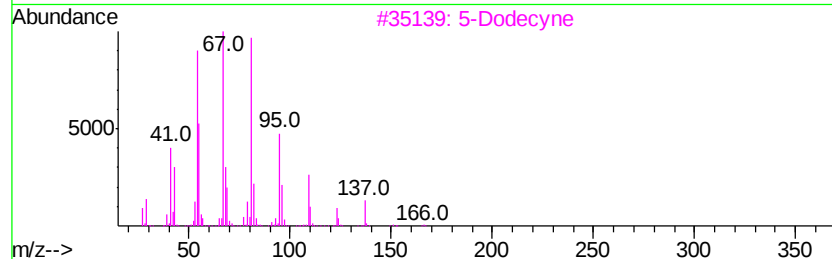
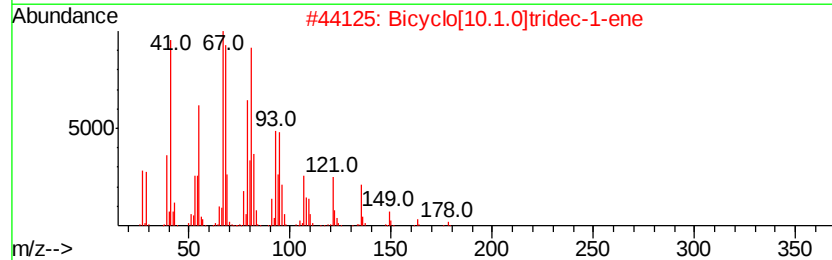
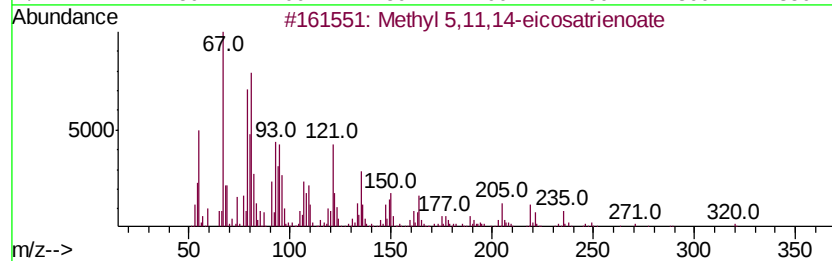
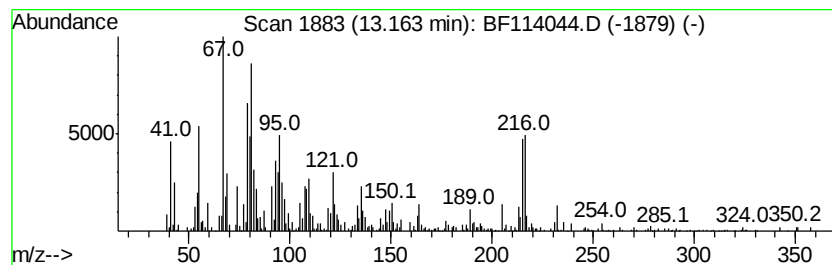
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl 5,11,14-eicosatrienoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	10.28 ng	582003	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
2		Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	91
3		5-Dodecyne	166	C12H22	019780-12-2	62
4		5-Undecyne	152	C11H20	002294-72-6	60
5		Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

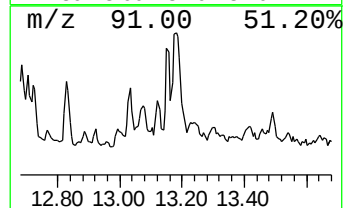
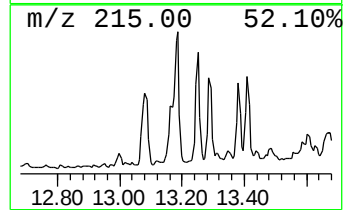
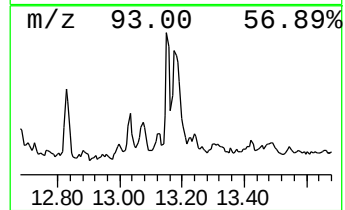
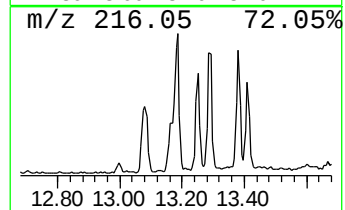
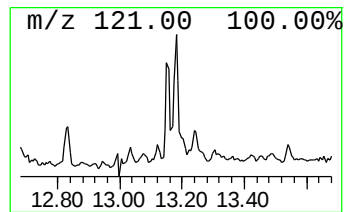
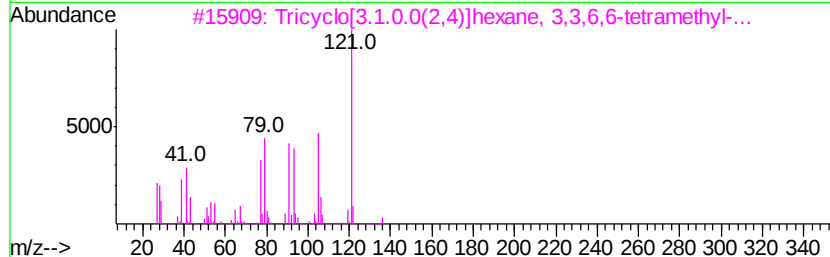
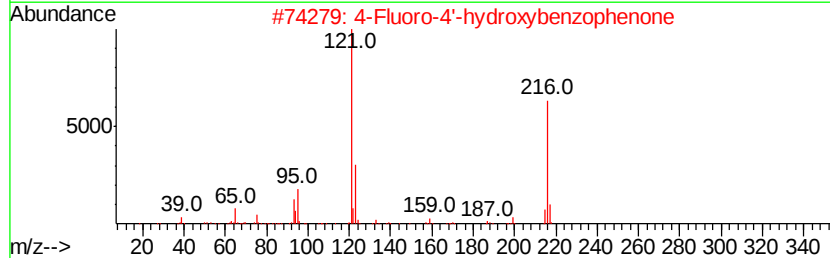
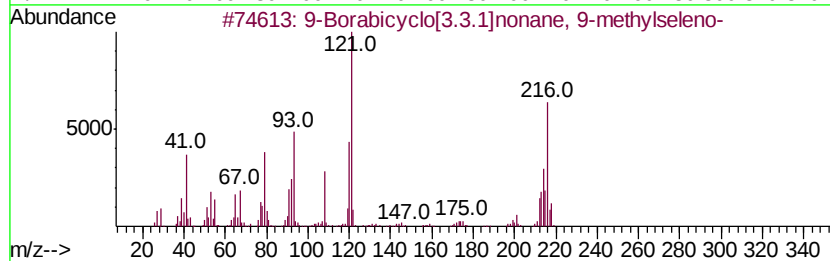
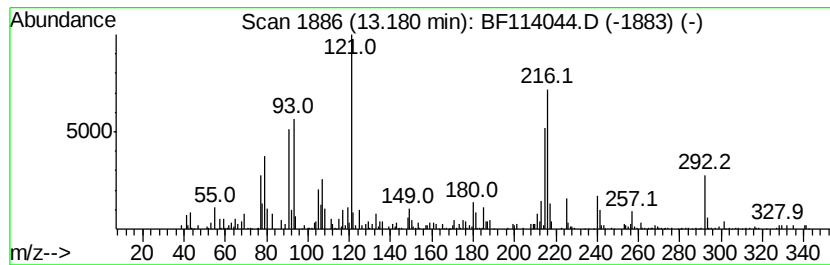
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.18 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	12.16 ng	688827	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Borabicyclo[3.3.1]nonane, 9-me...	216	C9H17BSe	1000158-32-0	49
2		4-Fluoro-4'-hydroxybenzophenone	216	C13H9F02	025913-05-7	43
3		Tricyclo[3.1.0.0(2,4)]hexane, 3,...	136	C10H16	058987-01-2	30
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	25
5		2-(Bromomethyl)benzyl alcohol	200	C8H9BrO	074785-02-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

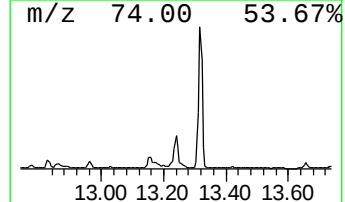
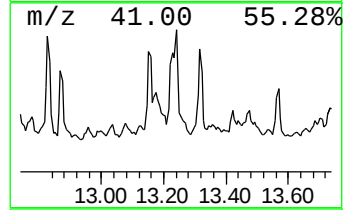
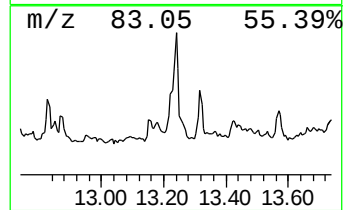
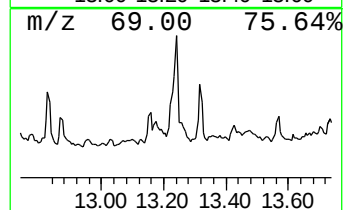
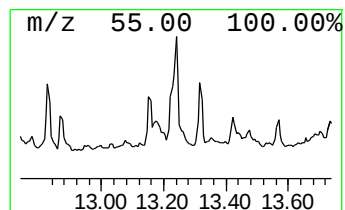
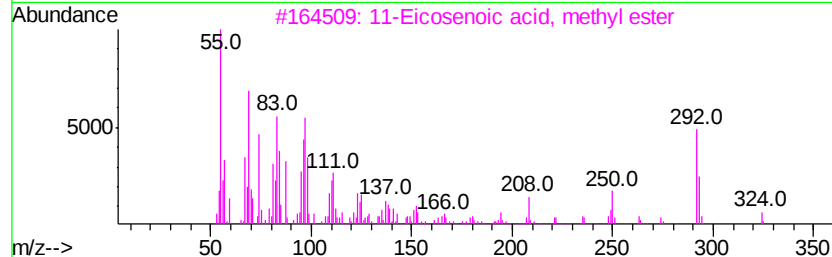
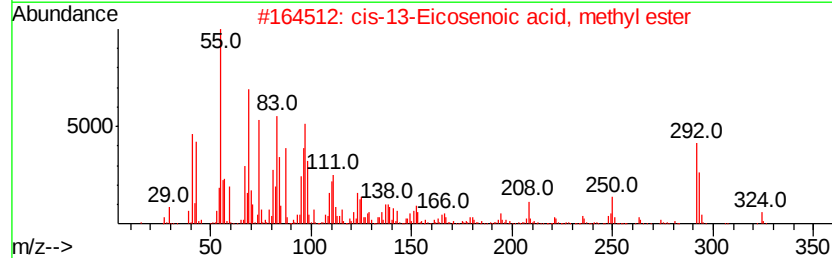
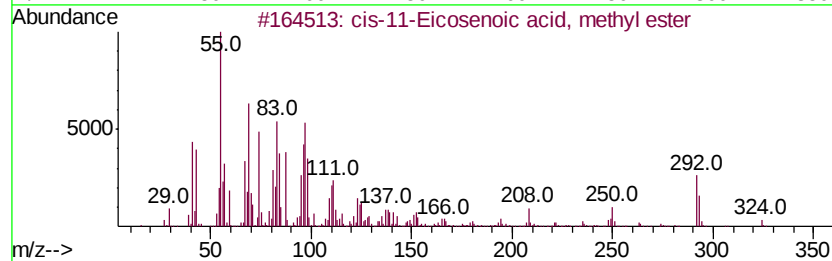
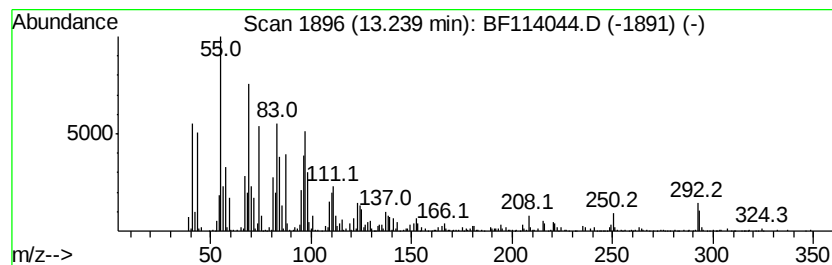
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 cis-11-Eicosenoic acid, met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.24	20.41 ng	1155930	Chrysene-d12	14.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
2		cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
3		11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
5		Methyl 5-eicosenoate	324	C21H40O2	1000336-48-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-042919-B

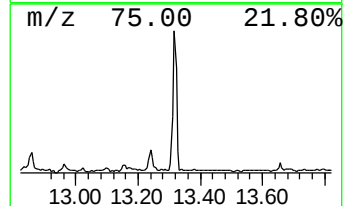
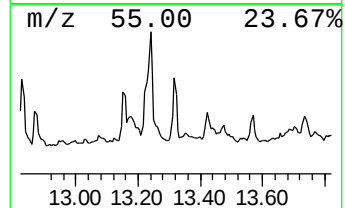
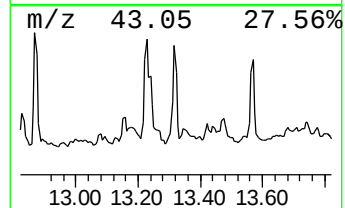
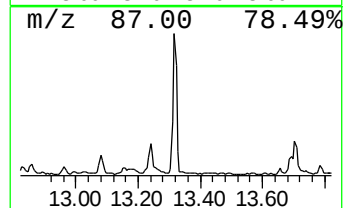
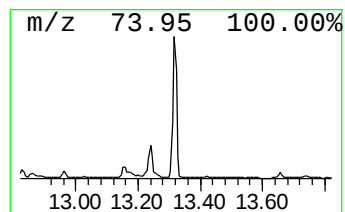
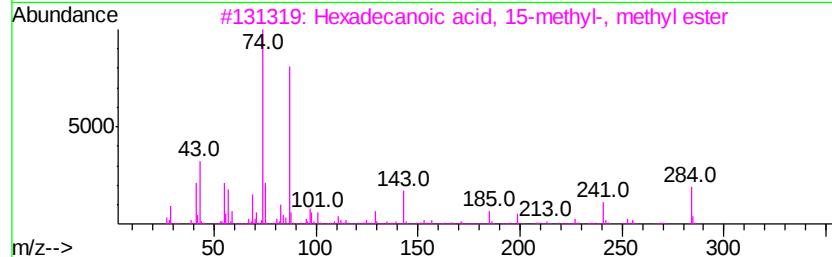
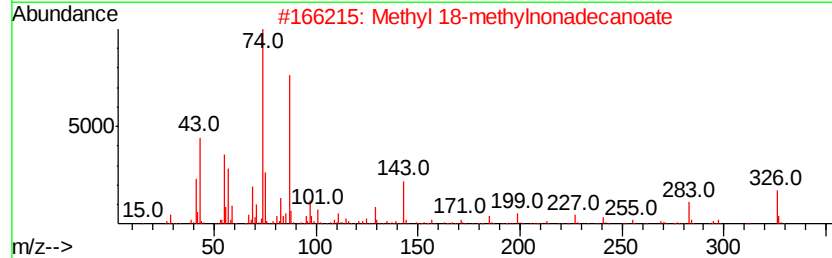
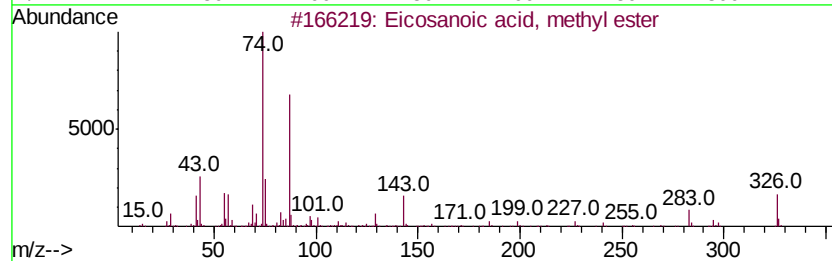
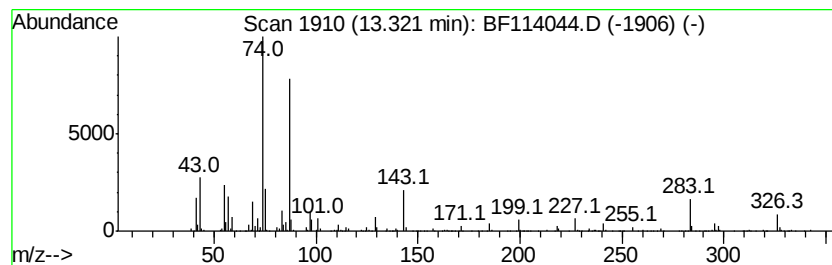
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	9.60 ng	543590	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	96
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	87
5		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87



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Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

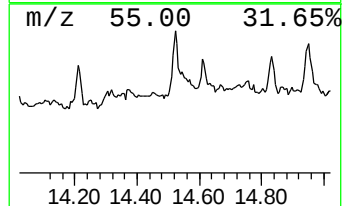
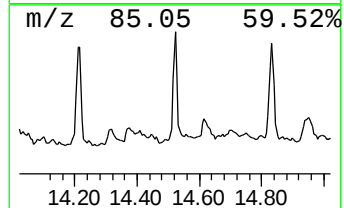
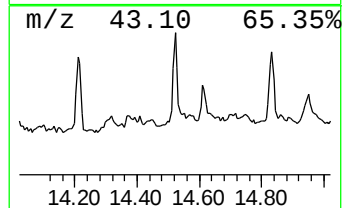
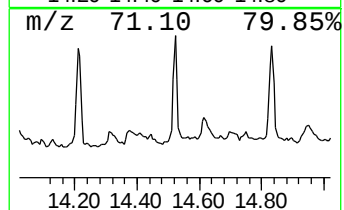
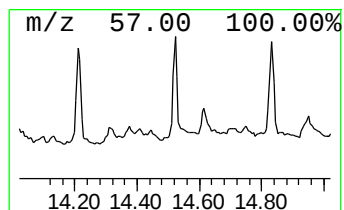
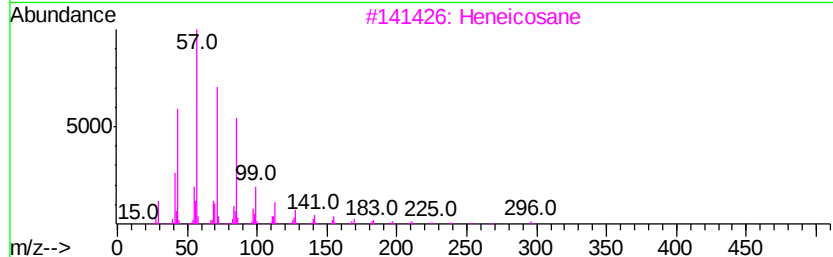
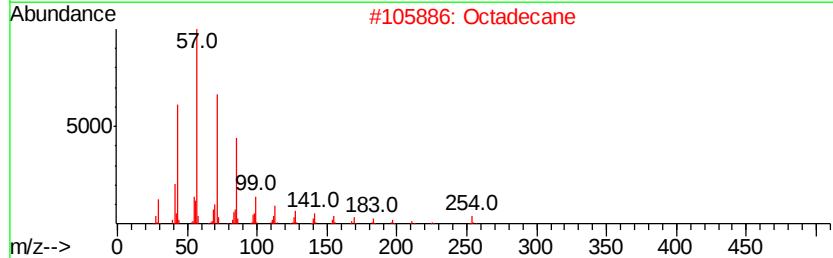
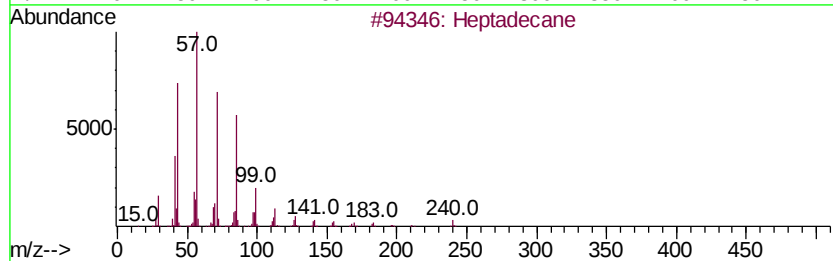
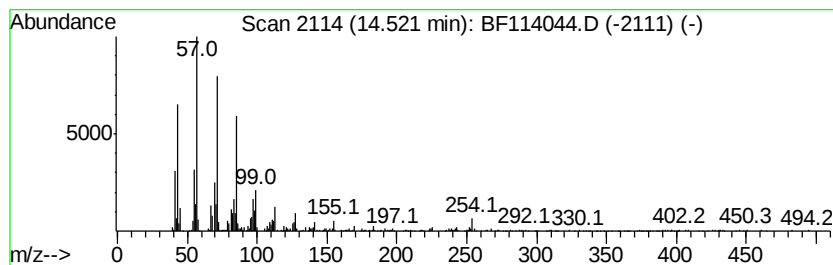
Instrument :
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ClientSampleId :
JC-03-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	9.29 ng	526123	Chrysene-d12	14.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
JC-03-042919-B

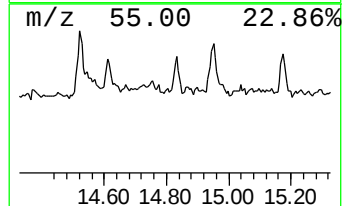
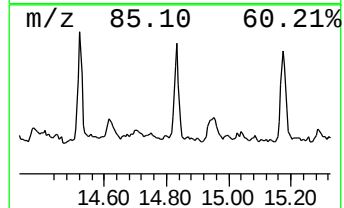
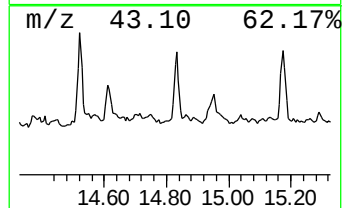
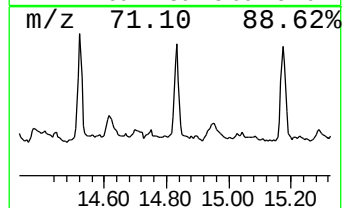
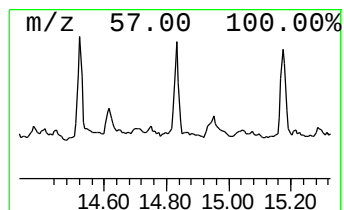
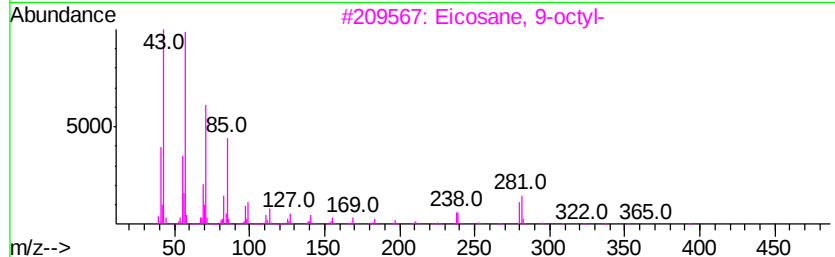
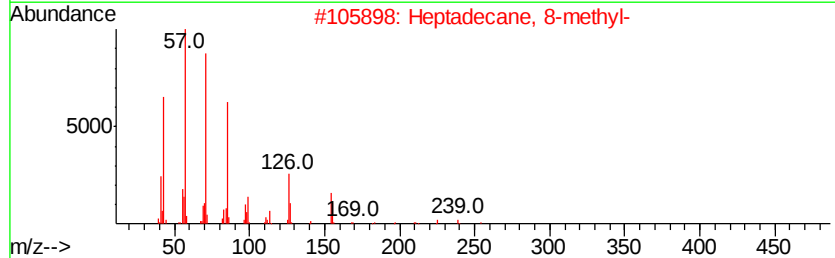
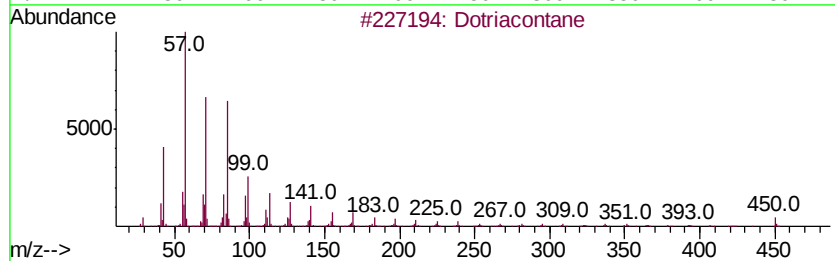
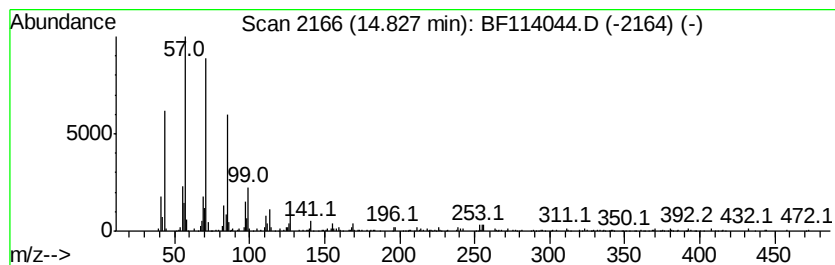
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dotriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.39 ng	241529	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	94
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114044.D
Acq On : 30 Apr 2019 16:10
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

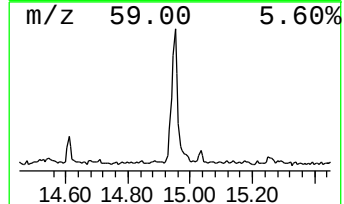
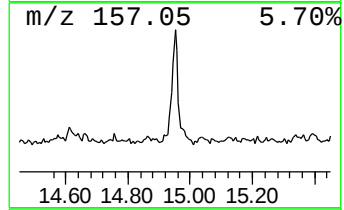
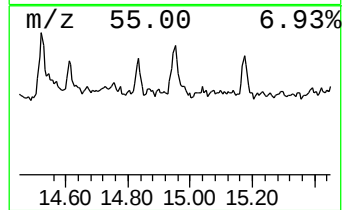
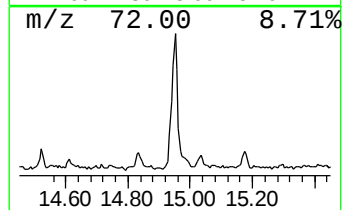
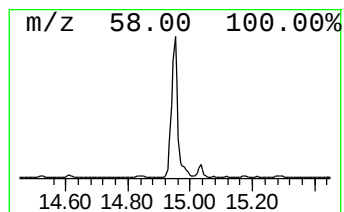
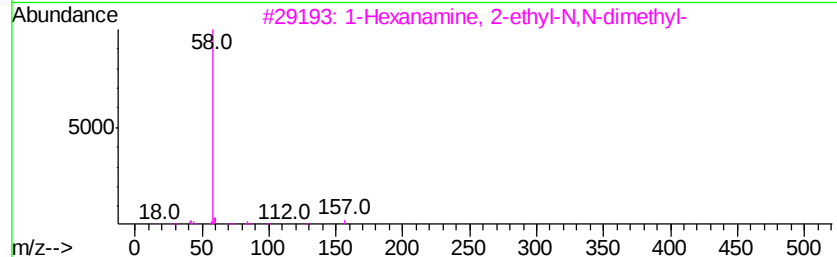
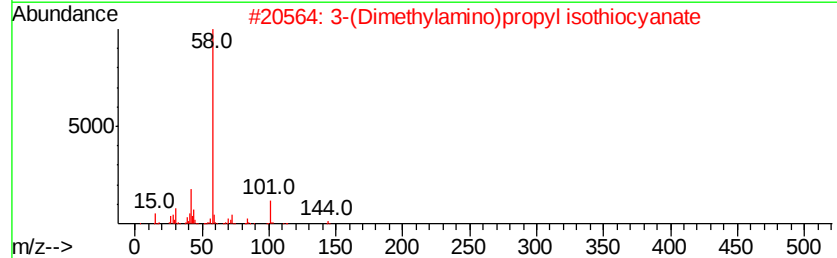
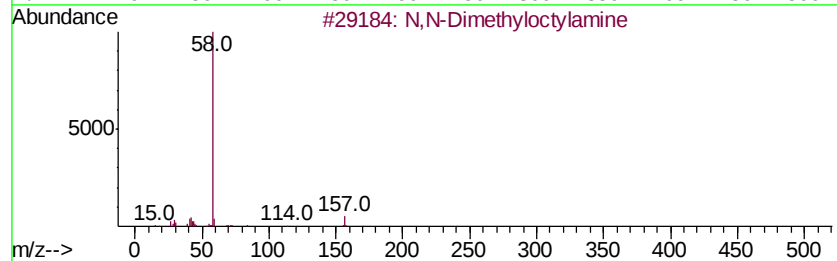
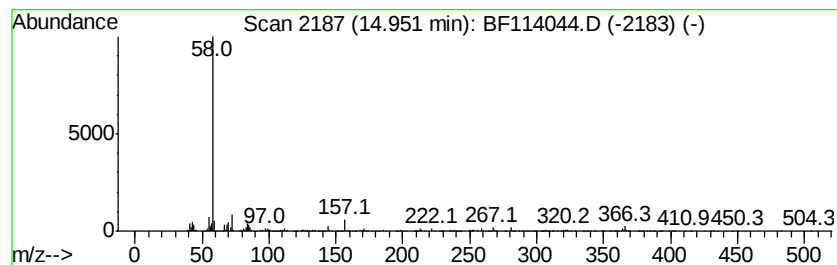
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	24.65 ng	709823	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4		3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	72
5		Benzedrex	155	C10H21N	000101-40-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
 Data File : BF114044.D
 Acq On : 30 Apr 2019 16:10
 Operator : JU/SJ
 Sample : K2194-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	40.6	ng	1437620	1	6.89	707435	20.0
Heptadecane	9.86	7.8	ng	383578	3	9.93	986043	20.0
Pentadecane	10.36	13.1	ng	644445	3	9.93	986043	20.0
Heptacosane	10.58	7.8	ng	382529	3	9.93	986043	20.0
Tetracosane	10.83	17.6	ng	868289	4	11.41	985328	20.0
Hexadecane, 7,9-d...	11.28	11.8	ng	580136	4	11.41	985328	20.0
Dodecane, 1-iodo-	11.70	10.9	ng	535543	4	11.41	985328	20.0
Hexadecanoic acid...	11.81	117.2	ng	5772860	4	11.41	985328	20.0
n-Hexadecanoic acid	11.95	14.4	ng	707524	4	11.41	985328	20.0
Eicosane	12.11	12.0	ng	592835	4	11.41	985328	20.0
9,12-Octadecadien...	12.50	285.4	ng	14061800	4	11.41	985328	20.0
6-Octadecenoic ac...	12.53	292.9	ng	14430200	4	11.41	985328	20.0
Methyl 5,11,14-ei...	13.16	10.3	ng	582003	5	14.05	1132640	20.0
unknown13.18	13.18	12.2	ng	688827	5	14.05	1132640	20.0
cis-11-Eicosenoic...	13.24	20.4	ng	1155930	5	14.05	1132640	20.0
Eicosanoic acid, ...	13.32	9.6	ng	543590	5	14.05	1132640	20.0
Octadecane	14.52	9.3	ng	526123	5	14.05	1132640	20.0
Dotriacontane	14.83	8.4	ng	241529	6	15.54	576029	20.0
N,N-Dimethyloctyl...	14.95	24.6	ng	709823	6	15.54	576029	20.0