

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110018.D
 Acq On : 19 Oct 2018 22:18
 Operator : JU/SJ
 Sample : J5590-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

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-BF101518.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	2.134	5	8	21	rVB	345051	656022	12.44%	1.589%
2	2.352	39	45	58	rVB	550360	776547	14.73%	1.881%
3	3.622	255	261	279	rBV	245683	513138	9.73%	1.243%
4	5.216	528	532	544	rVB	277739	343370	6.51%	0.832%
5	5.598	591	597	600	rBV	4263156	4633671	87.88%	11.221%
6	6.593	759	766	770	rBV2	4279291	5272454	100.00%	12.768%
7	6.740	785	791	794	rBV	4862071	4845537	91.90%	11.734%
8	6.963	826	829	833	rVB	73348	62195	1.18%	0.151%
9	7.122	852	856	860	rBV	3674712	3699714	70.17%	8.960%
10	7.534	918	926	929	rBV	2996361	3176731	60.25%	7.693%
11	9.328	1225	1231	1234	rBV	5812735	5170008	98.06%	12.520%
12	9.716	1291	1297	1300	rBV	831565	657611	12.47%	1.593%
13	10.322	1396	1400	1403	rBV	67781	86119	1.63%	0.209%
14	10.428	1412	1418	1421	rVB2	47848	66954	1.27%	0.162%
15	10.645	1450	1455	1458	rBV	49293	58284	1.11%	0.141%
16	10.804	1476	1482	1485	rBV	3129540	3215079	60.98%	7.786%
17	10.910	1496	1500	1503	rVB	89515	111766	2.12%	0.271%
18	12.010	1684	1687	1693	rBV	357512	358756	6.80%	0.869%
19	12.716	1804	1807	1811	rBV	106020	102801	1.95%	0.249%
20	12.945	1844	1846	1848	rBV	105786	75173	1.43%	0.182%
21	13.022	1857	1859	1862	rVB2	73284	59890	1.14%	0.145%
22	13.086	1866	1870	1873	rVB	4461910	4382092	83.11%	10.612%
23	13.357	1914	1916	1922	rVB	82974	82788	1.57%	0.200%
24	13.645	1962	1965	1971	rVB2	79173	96790	1.84%	0.234%
25	13.963	2016	2019	2030	rVB	557271	618206	11.73%	1.497%
26	14.286	2071	2074	2077	rBV	131564	113916	2.16%	0.276%
27	14.598	2123	2127	2133	rVB	211104	242558	4.60%	0.587%
28	14.916	2177	2181	2187	rBV	170958	207357	3.93%	0.502%
29	15.268	2237	2241	2245	rBV	221357	240910	4.57%	0.583%
30	15.674	2305	2310	2318	rVB	214733	300543	5.70%	0.728%
31	16.133	2383	2388	2394	rBV	212322	338706	6.42%	0.820%
32	16.186	2394	2397	2405	rVB5	59272	95532	1.81%	0.231%
33	16.674	2474	2480	2487	rVB	155135	280828	5.33%	0.680%
34	17.304	2581	2587	2597	rVB2	94357	204634	3.88%	0.496%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.056	2708	2715	2723	rVB3	55776	146678	2.78%	0.355%
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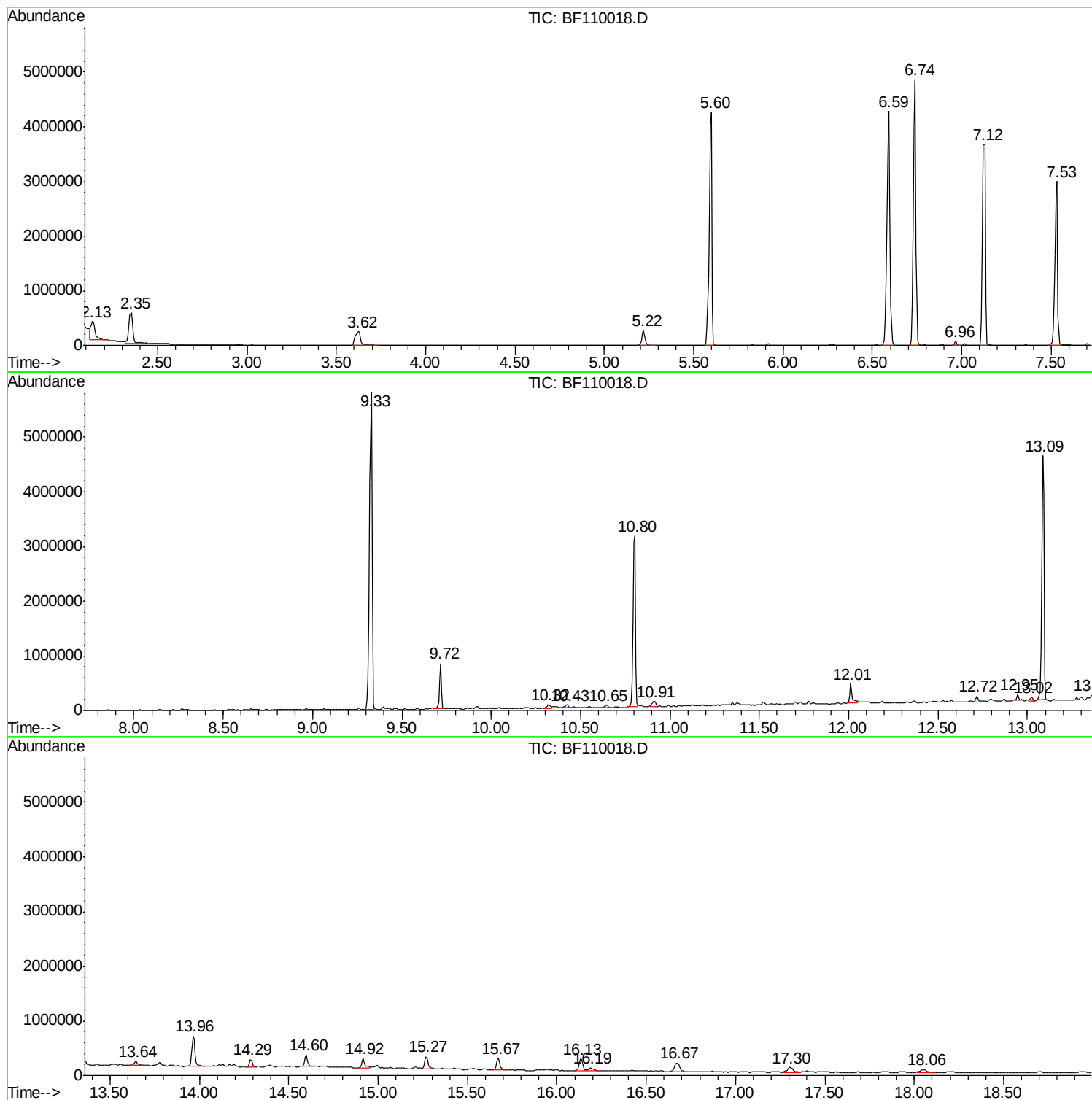
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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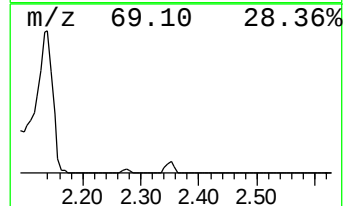
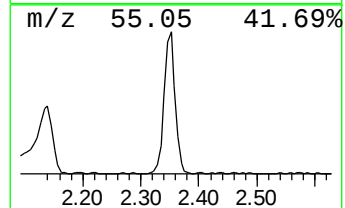
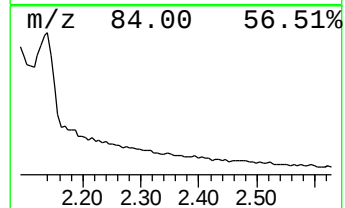
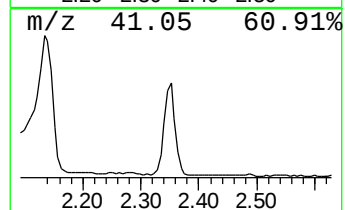
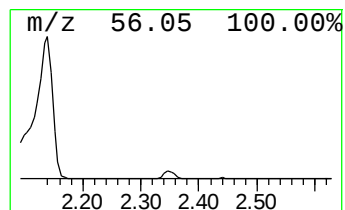
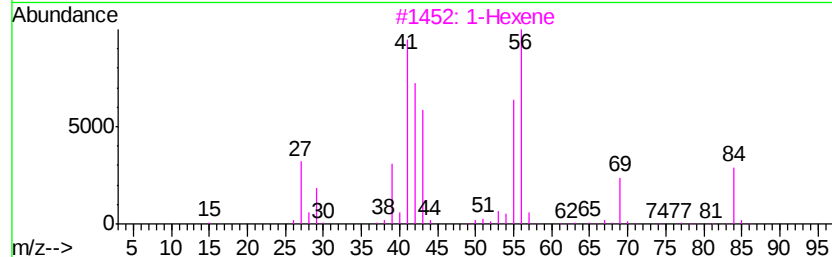
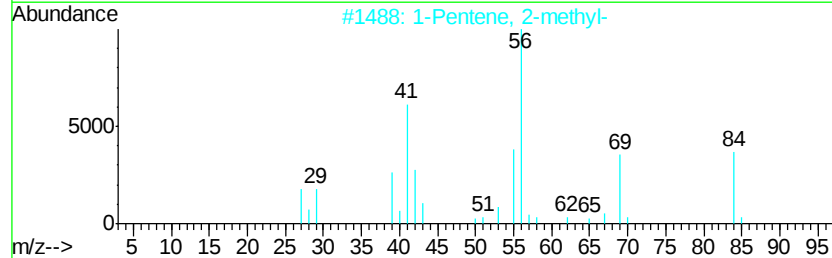
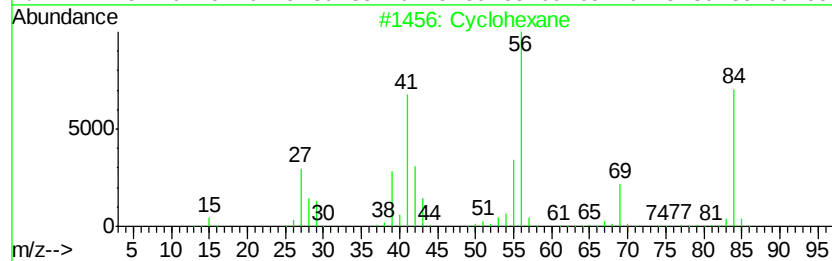
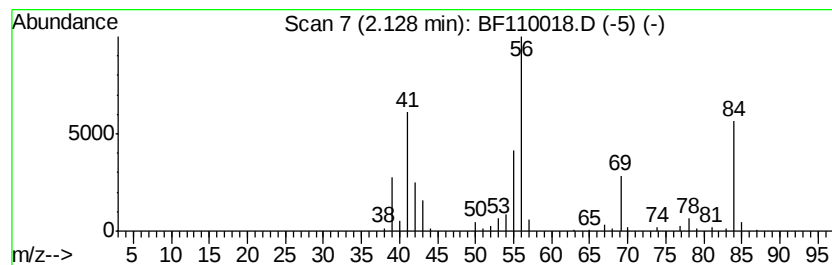
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	210.96 ng	656022	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3		1-Hexene	84	C6H12	000592-41-6	59
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	47



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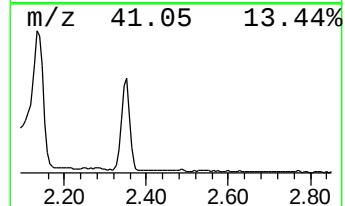
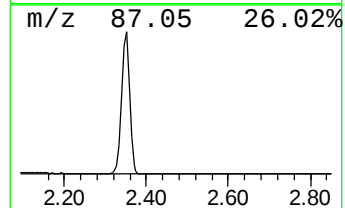
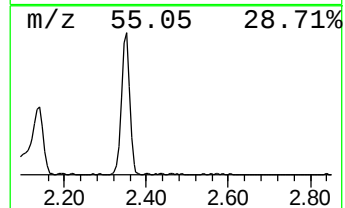
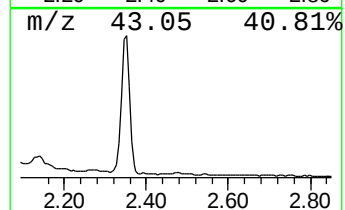
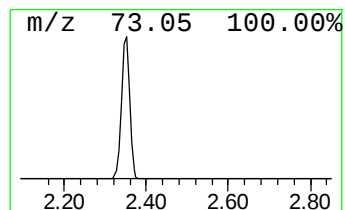
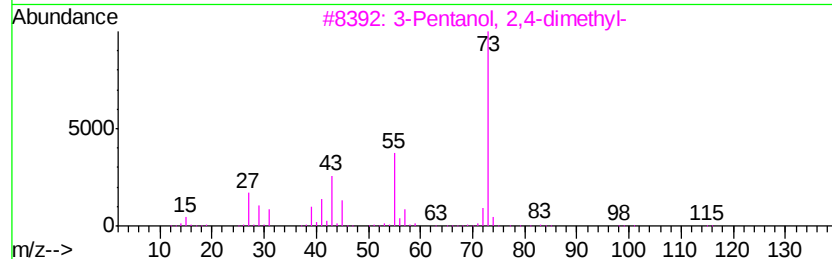
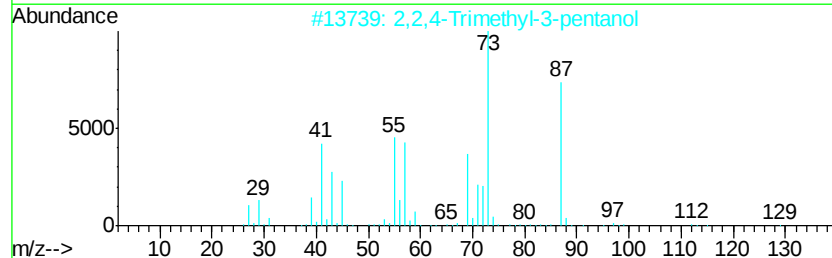
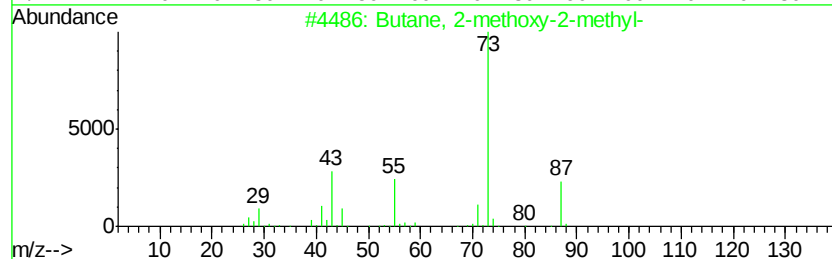
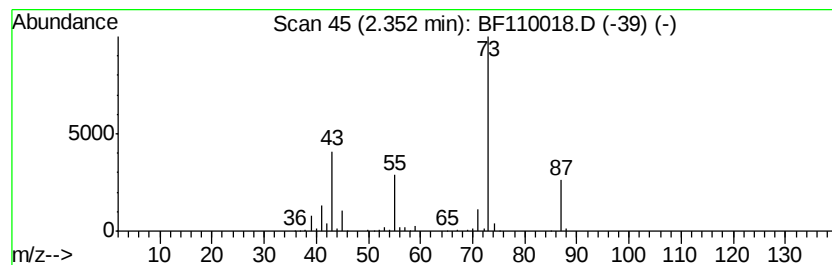
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.35	249.71 ng	776547	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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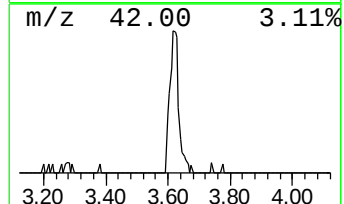
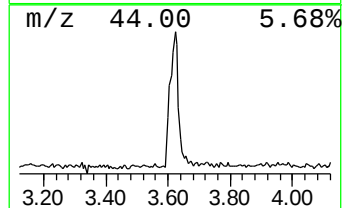
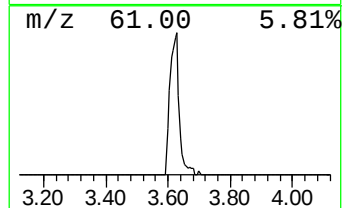
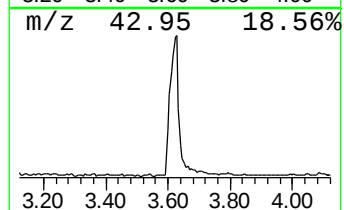
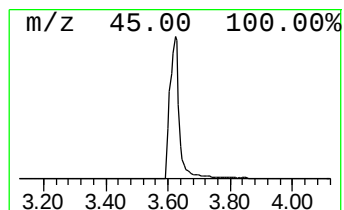
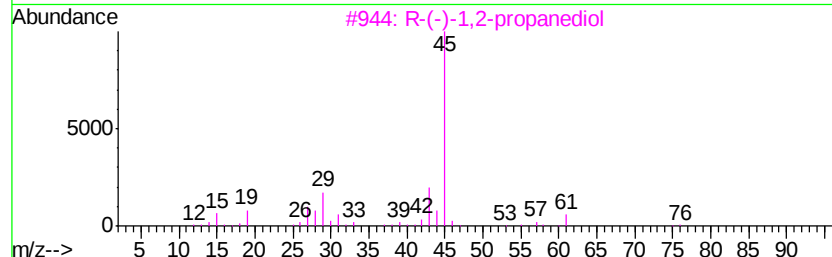
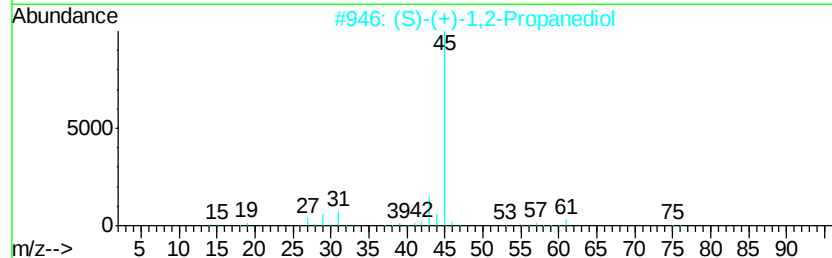
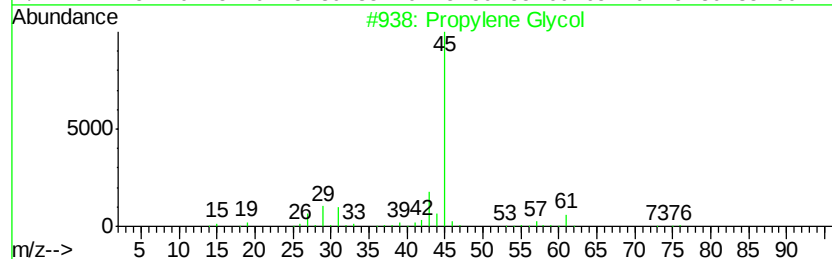
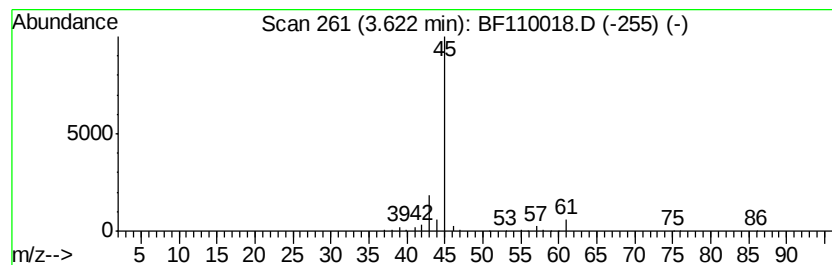
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	165.01 ng	513138	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	86
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4		2-Butanol	74	C4H10O	000078-92-2	9
5		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9



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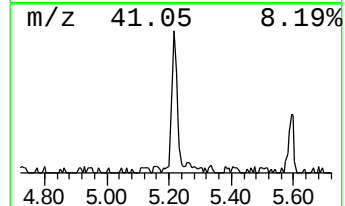
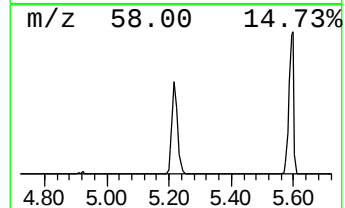
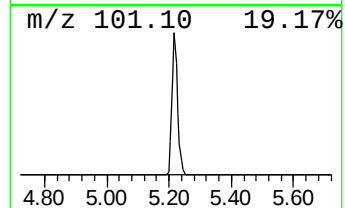
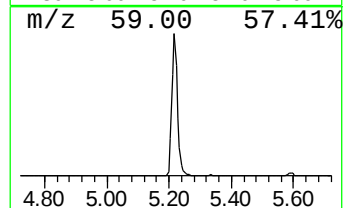
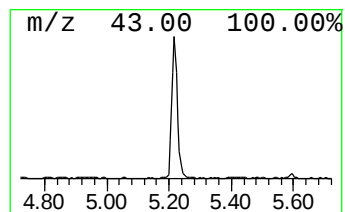
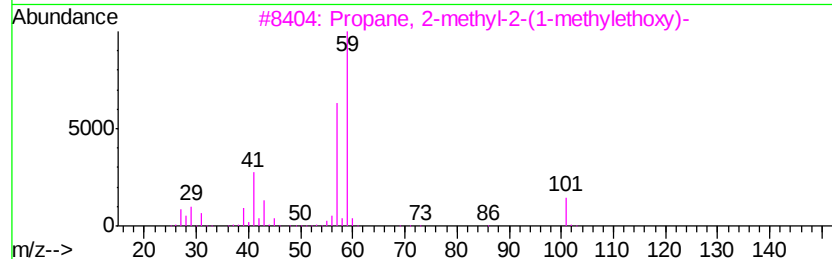
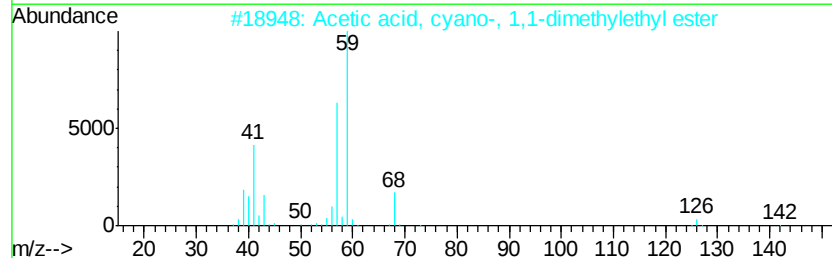
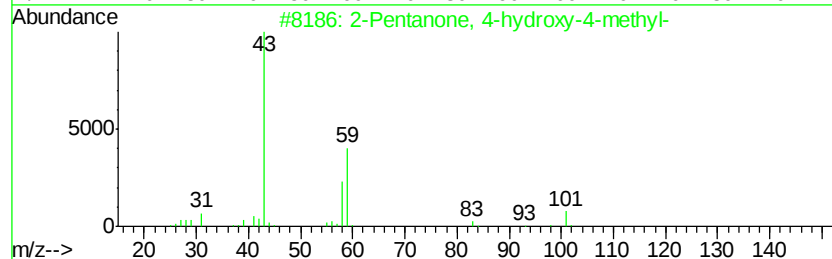
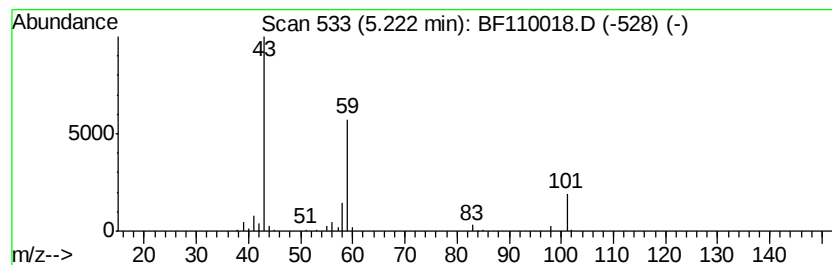
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	110.42 ng	343370	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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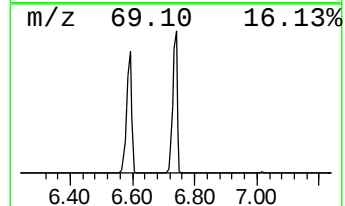
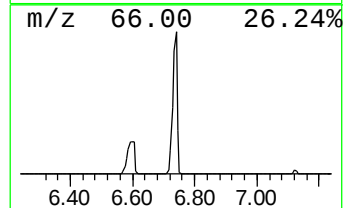
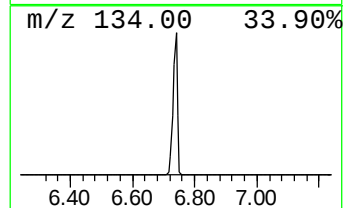
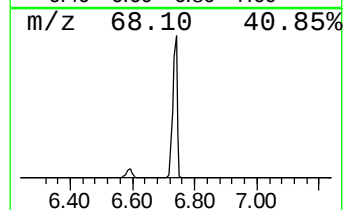
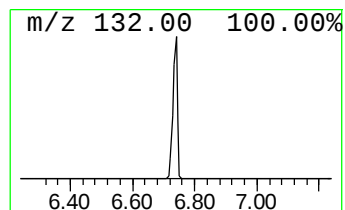
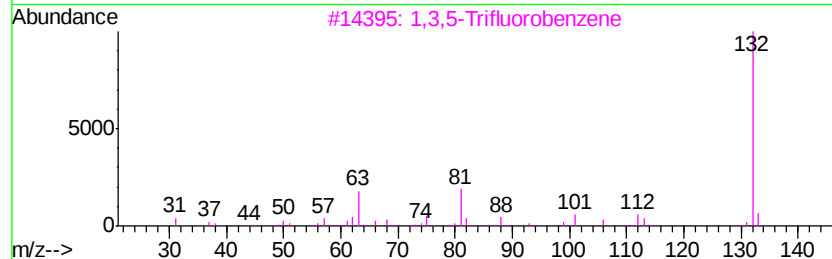
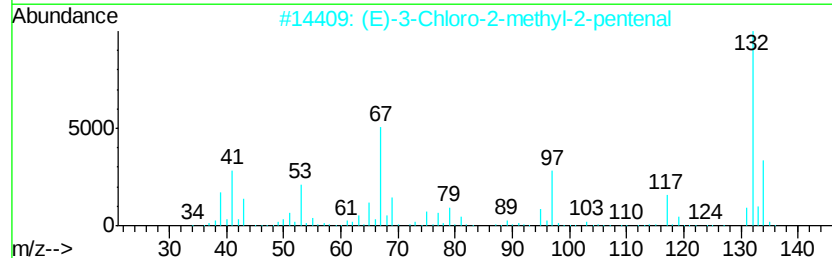
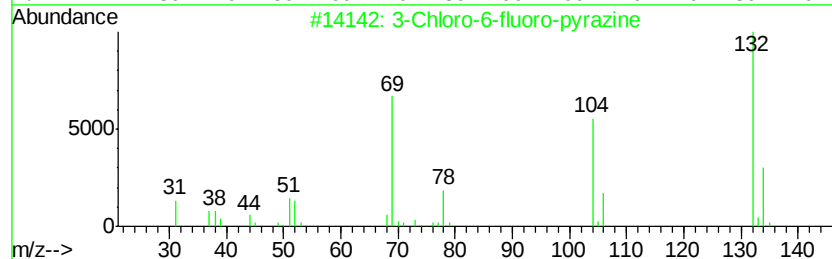
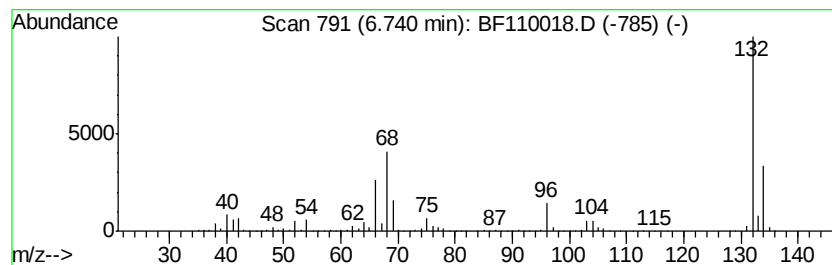
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Peak Number 5 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	1558.18 ng	4845540	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
Operator : JU/SJ
Sample : J5590-01
Misc :
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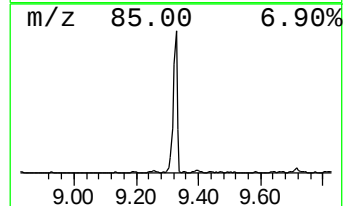
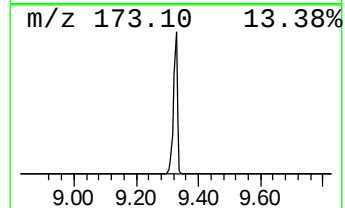
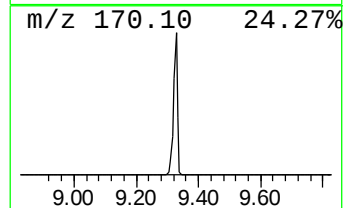
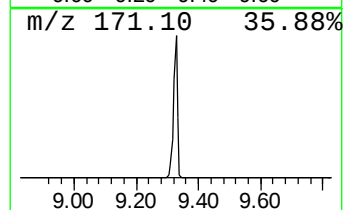
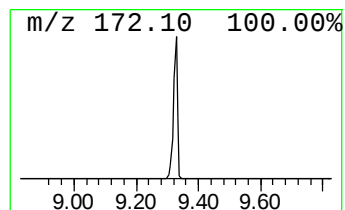
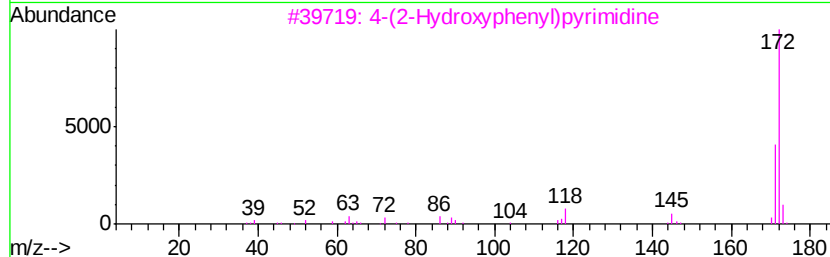
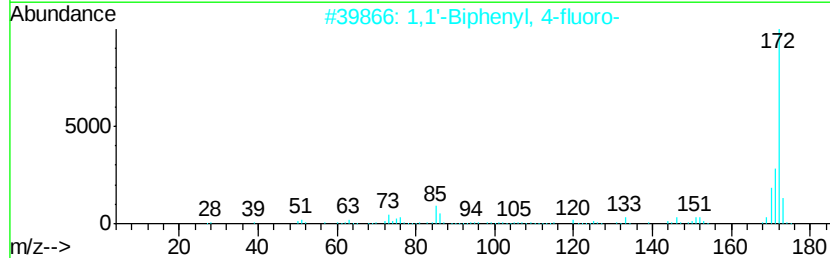
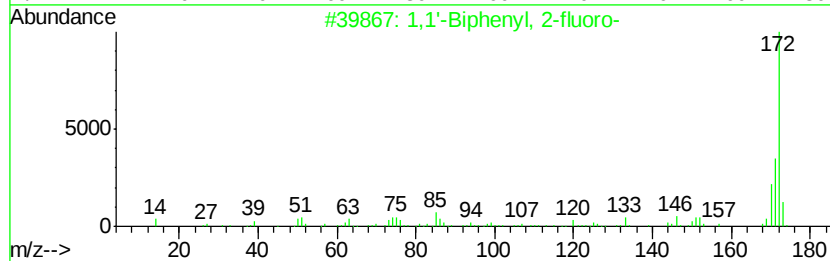
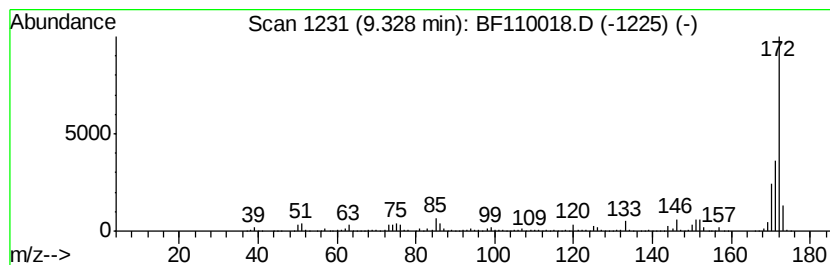
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2-fluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.33	32.55 ng	5170010	Napthalene-d8	8.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	53
4	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	47
5	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
Operator : JU/SJ
Sample : J5590-01
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Instrument :
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ClientSampleId :
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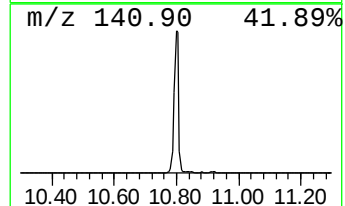
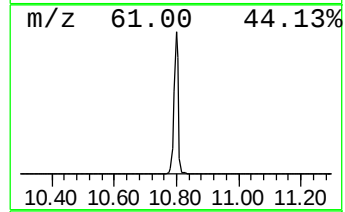
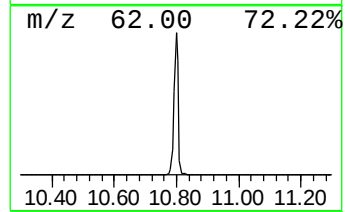
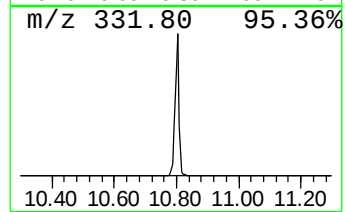
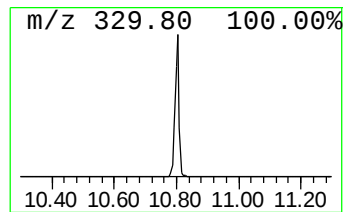
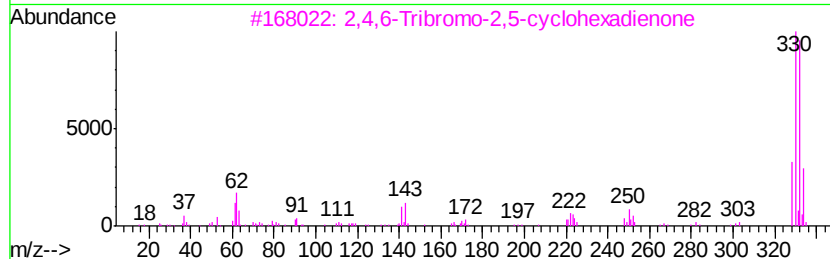
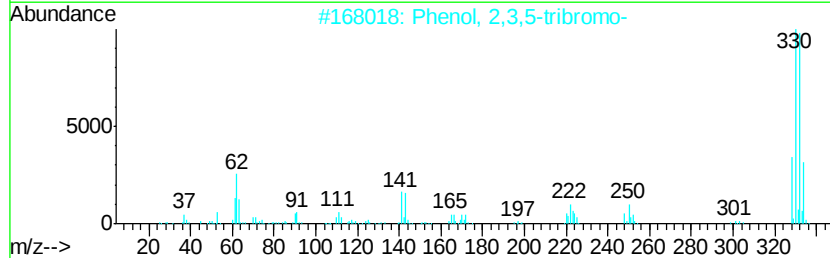
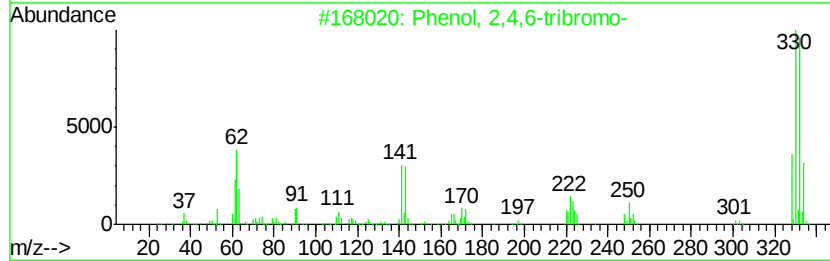
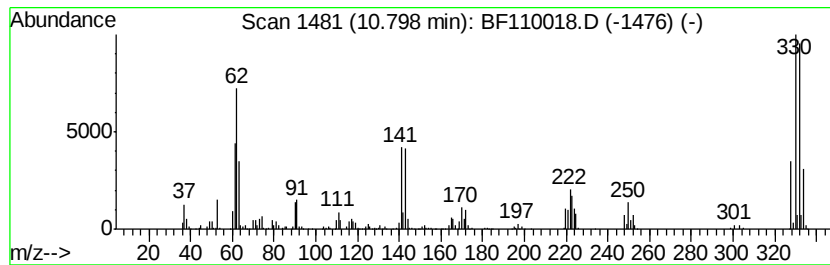
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 2,4,6-tribromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	179.24 ng	3215080	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2,4,6-tribromo-	328	C6H3Br3O	000118-79-6	99
2		Phenol, 2,3,5-tribromo-	328	C6H3Br3O	057383-81-0	99
3		2,4,6-Tribromo-2,5-cyclohexadienone	328	C6H3Br3O	020244-61-5	95
4		1,10-Phenanthroline, 4,7-diphenyl-	332	C24H16N2	001662-01-7	10
5		Pyridine-3-carboxylic acid, 1,6-...	332	C16H13ClN2O2S	097651-28-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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Sample : J5590-01
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Instrument :
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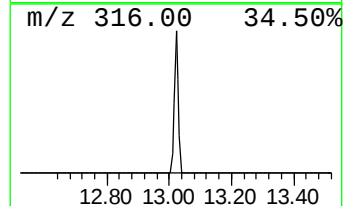
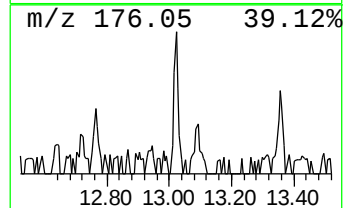
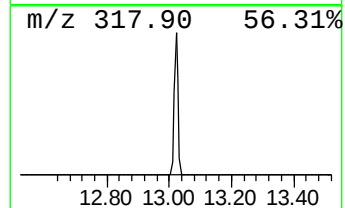
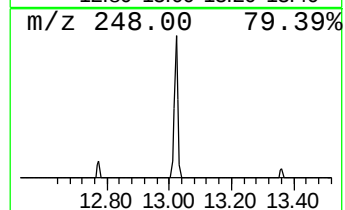
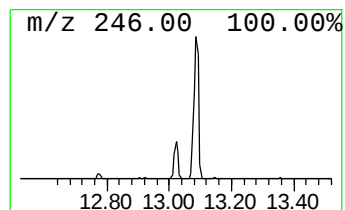
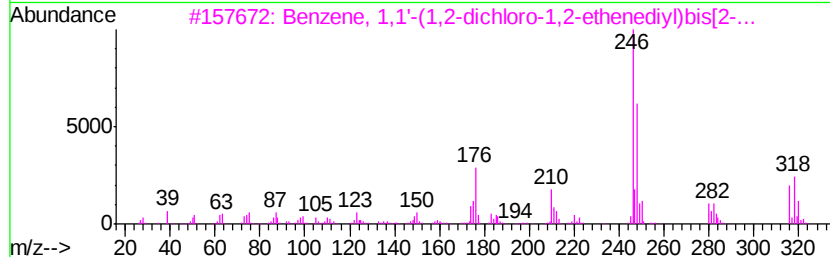
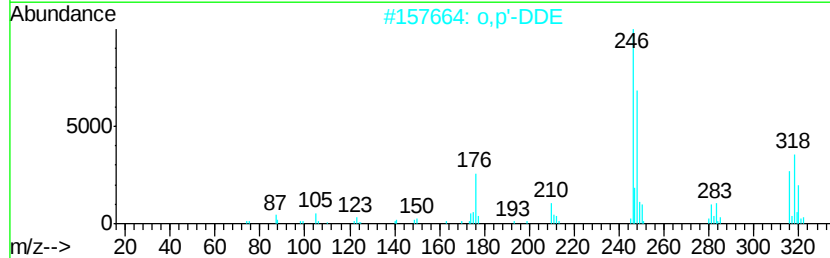
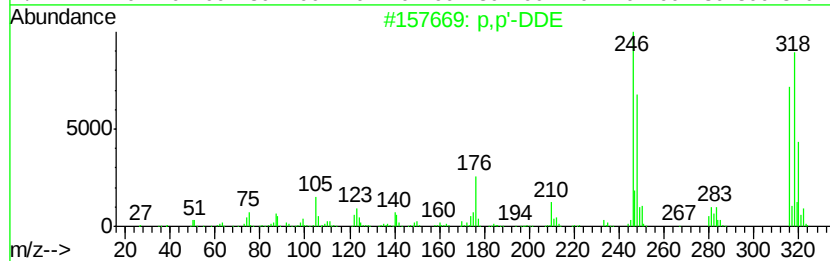
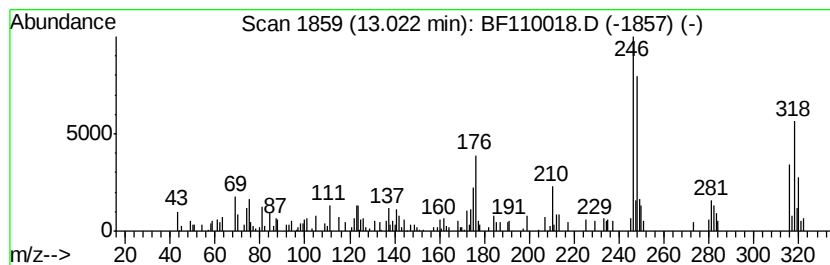
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 p,p'-DDE Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	10.51 ng	59890	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2		o,p'-DDE	316	C14H8Cl4	003424-82-6	98
3		Benzene, 1,1'-(1,2-dichloro-1,2-...	316	C14H8Cl4	088970-69-8	96
4		9H-Fluorene, 9-(dichloromethylene)-	246	C14H8Cl2	000835-17-6	78
5		Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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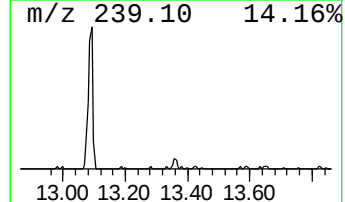
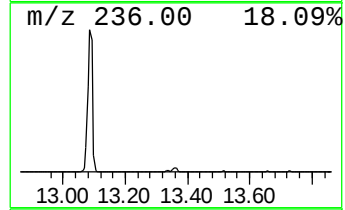
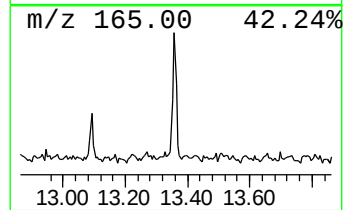
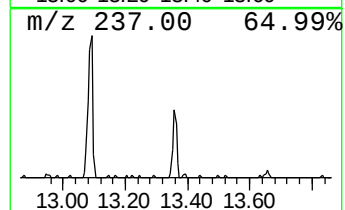
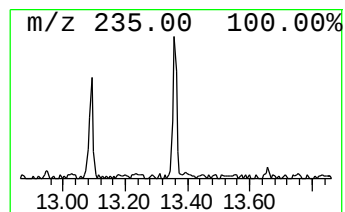
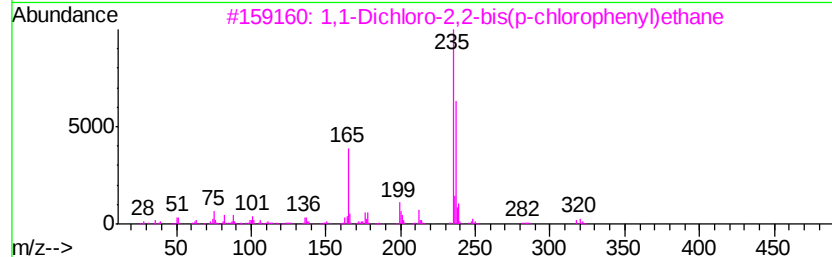
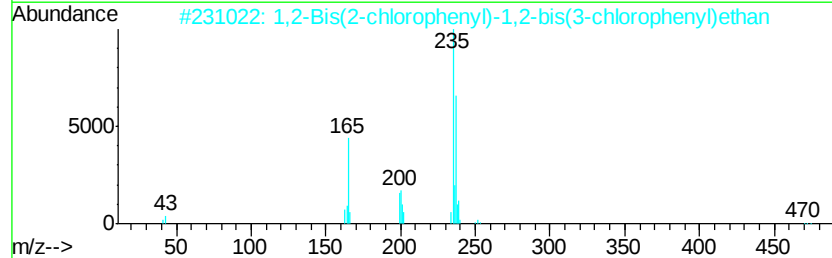
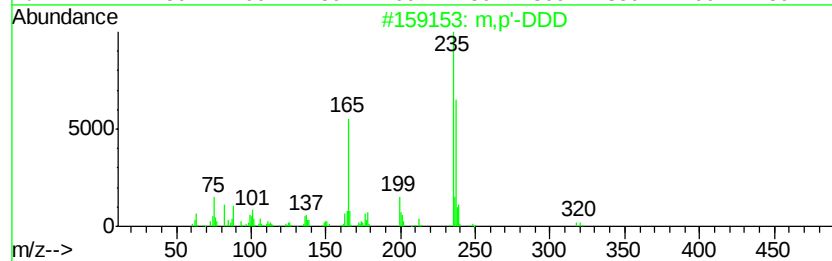
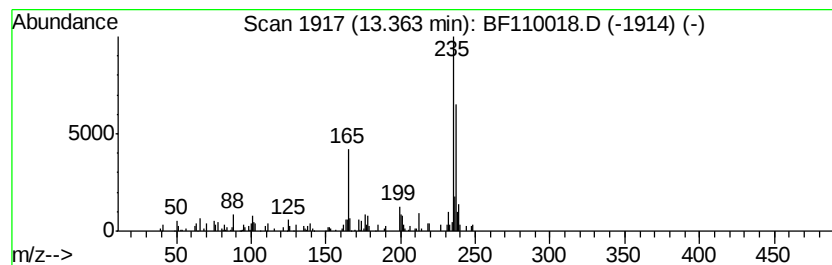
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 m,p'-DDD Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	14.53 ng	82788	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m,p'-DDD	318	C14H10Cl4	004329-12-8	91
2		1,2-Bis(2-chlorophenyl)-1,2-bis(...	470	C26H18Cl4	1000137-94-8	86
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	80
4		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	80
5		1,3,5-Triazine-2,4,6-triamine, N...	235	C6H9N11	003576-88-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
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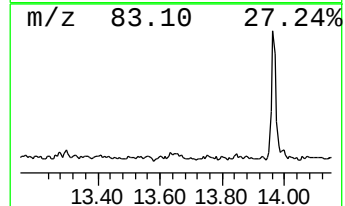
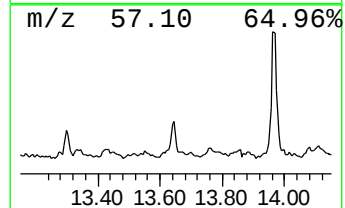
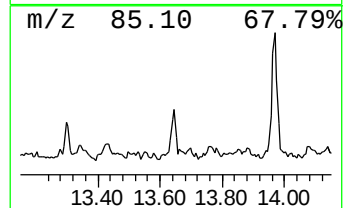
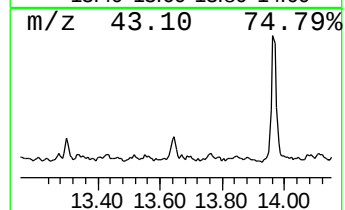
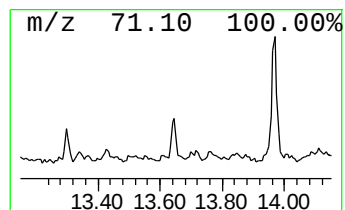
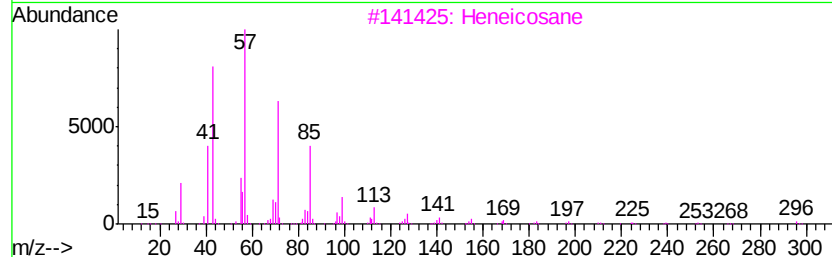
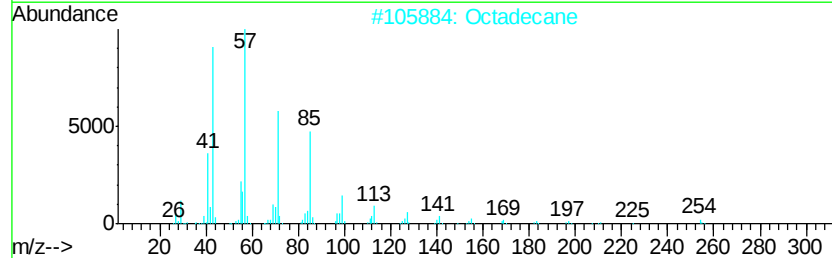
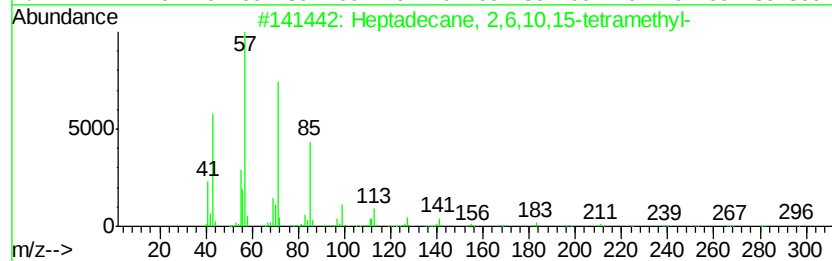
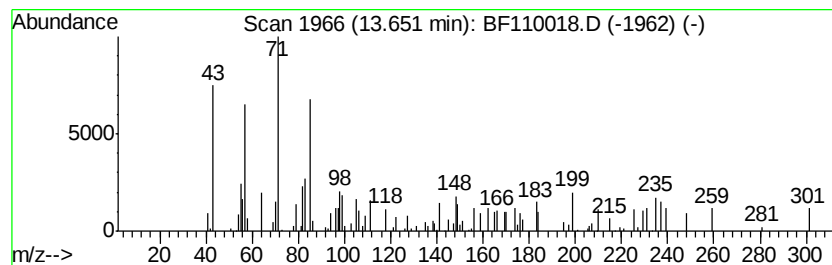
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	16.99 ng	96790	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2		Octadecane	254	C18H38	000593-45-3	74
3		Heneicosane	296	C21H44	000629-94-7	74
4		Hexadecane	226	C16H34	000544-76-3	74
5		Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
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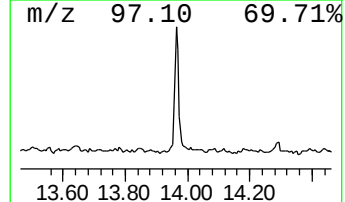
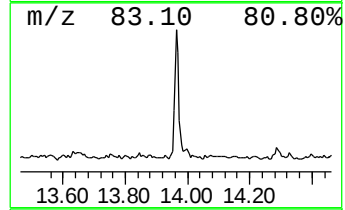
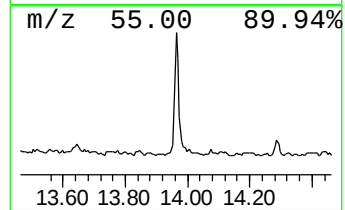
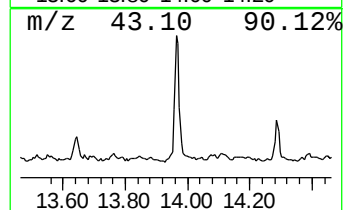
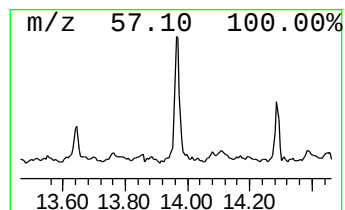
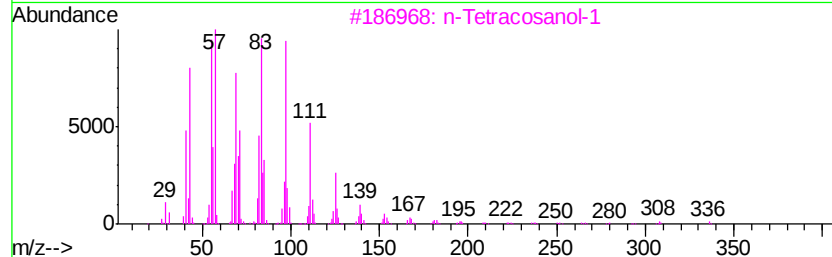
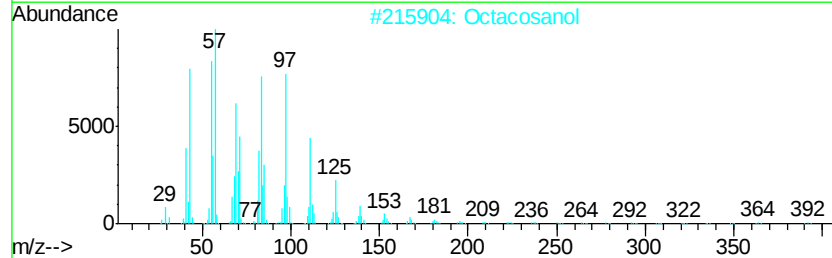
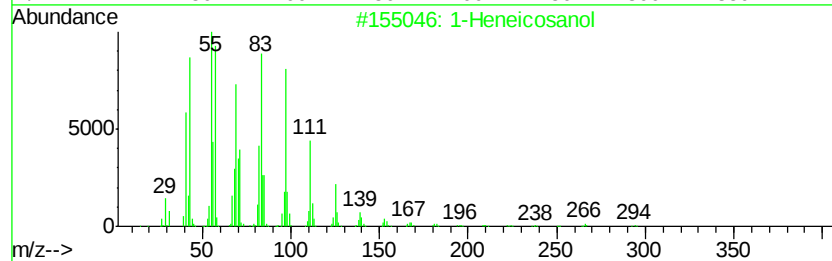
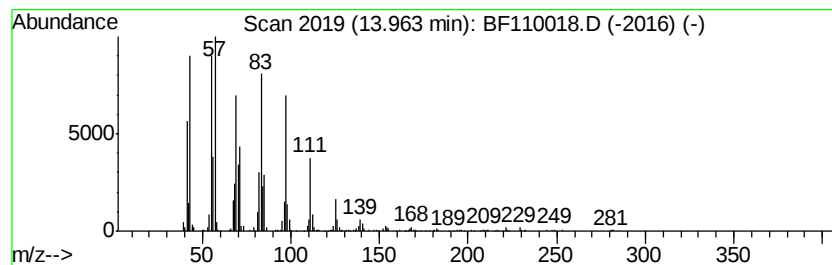
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	108.54 ng	618206	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Octacosanol	410	C28H58O	000557-61-9	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			Behenic alcohol	326	C22H46O	000661-19-8	91
5			1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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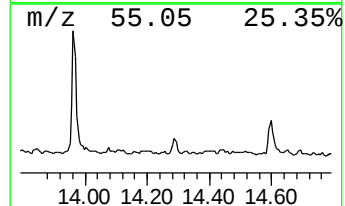
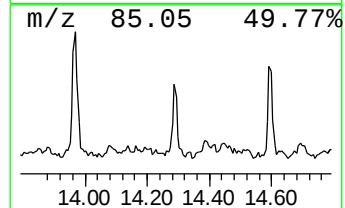
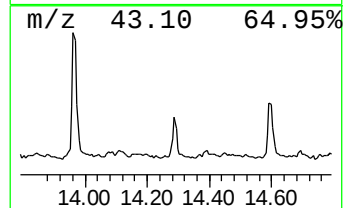
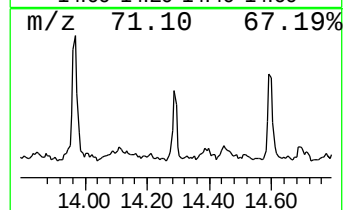
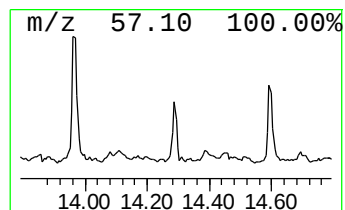
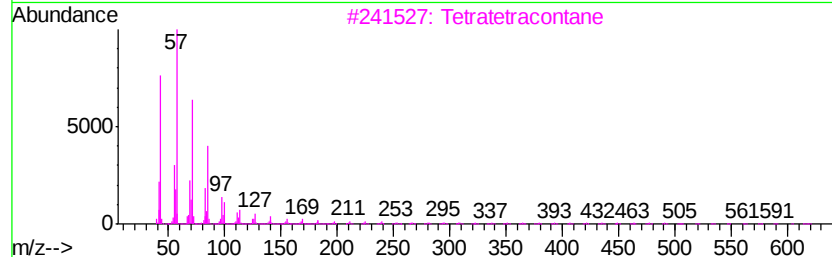
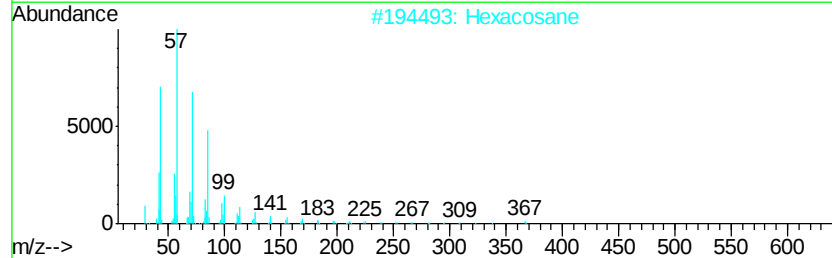
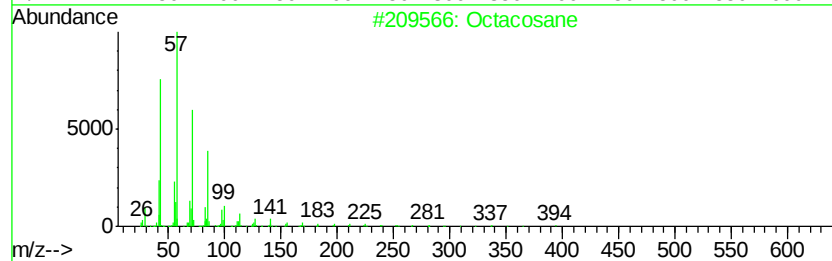
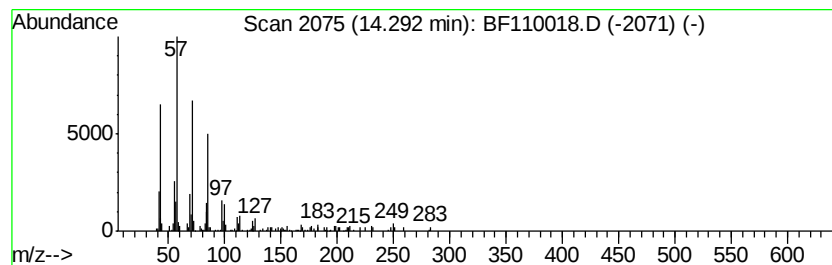
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	20.00 ng	113916	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
Operator : JU/SJ
Sample : J5590-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

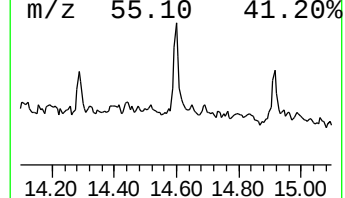
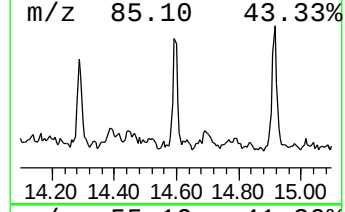
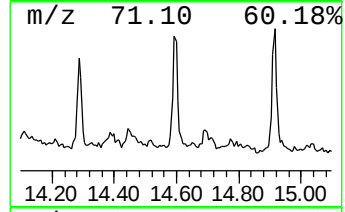
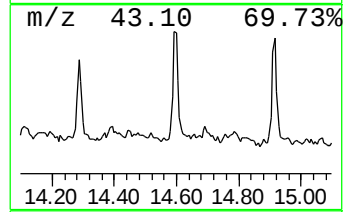
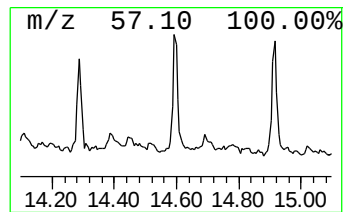
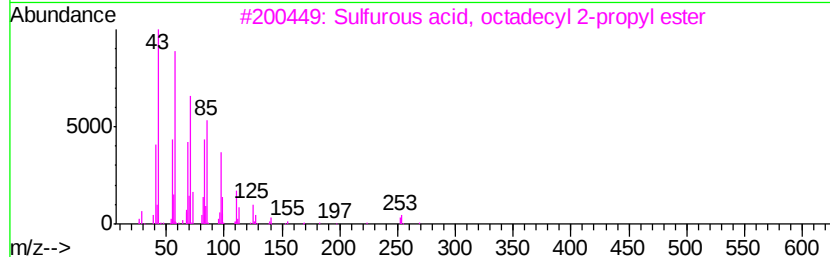
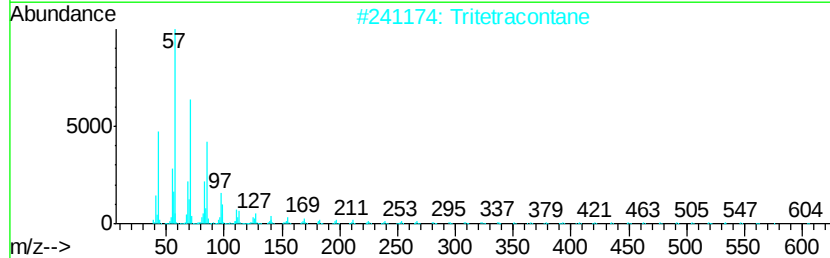
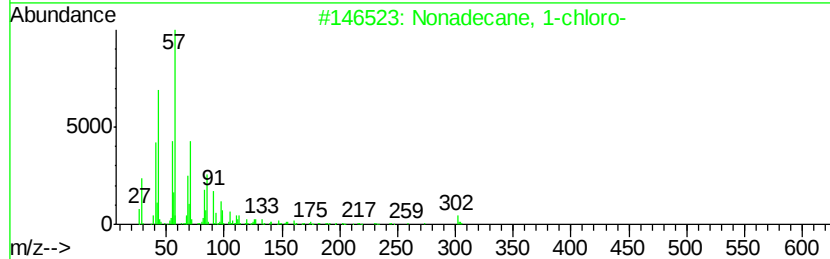
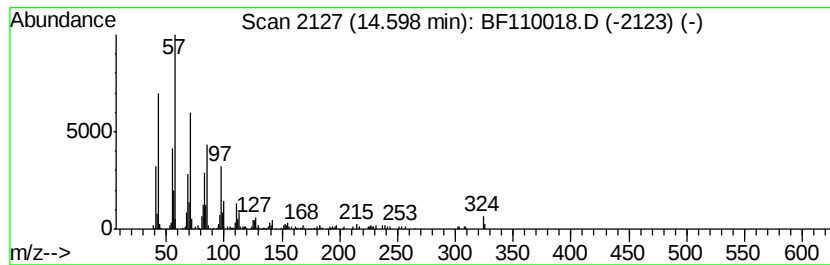
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	42.59 ng	242558	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	95
2		Tritetracontane	605	C43H88	007098-21-7	87
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4		Nonadecane, 2,6,10,14-tetramethyl-	324	C23H48	055124-80-6	78
5		Tricosane	324	C23H48	000638-67-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
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ClientSampleId :
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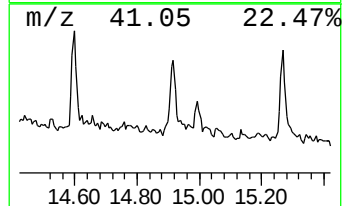
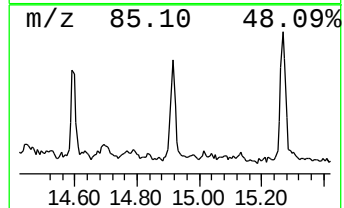
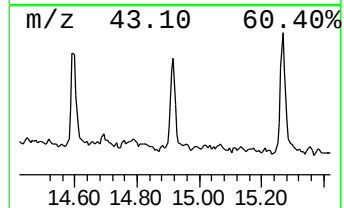
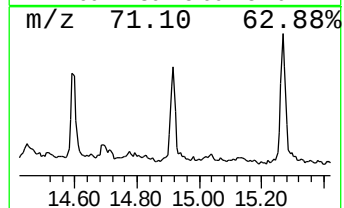
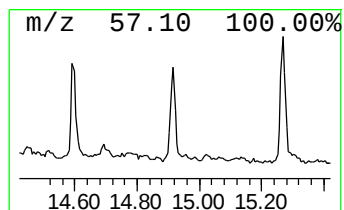
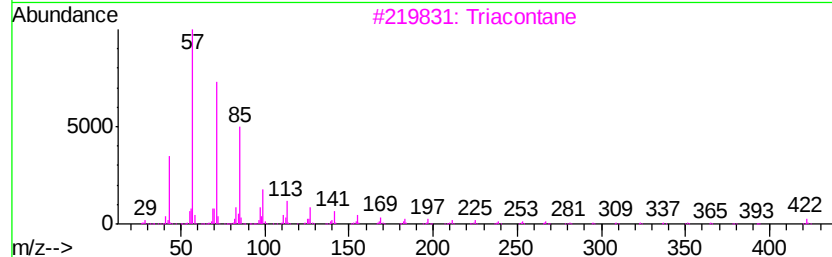
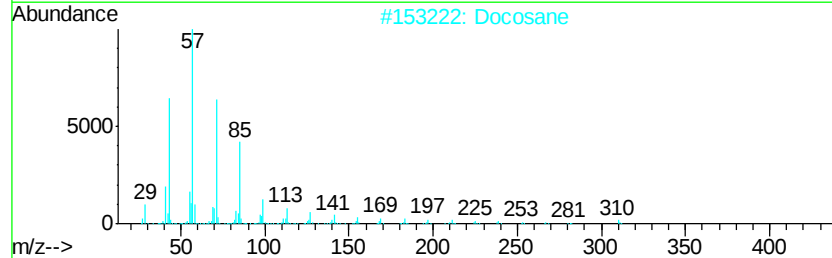
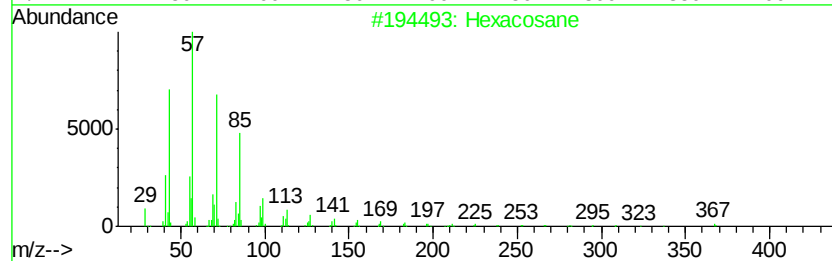
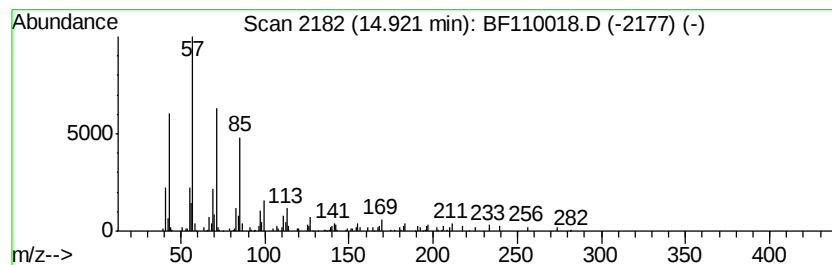
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	13.80 ng	207357	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Docosane	310	C22H46	000629-97-0	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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Sample : J5590-01
Misc :
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ClientSampleId :
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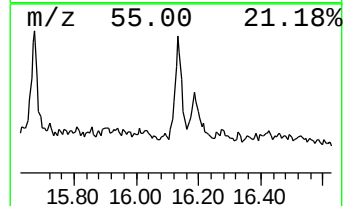
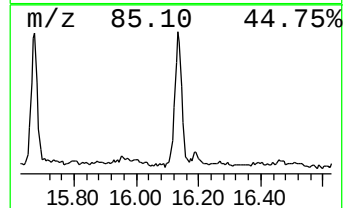
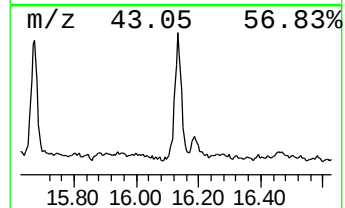
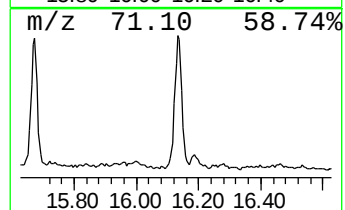
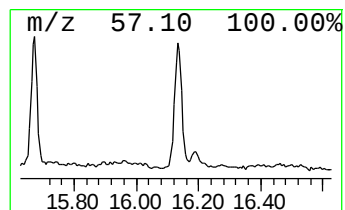
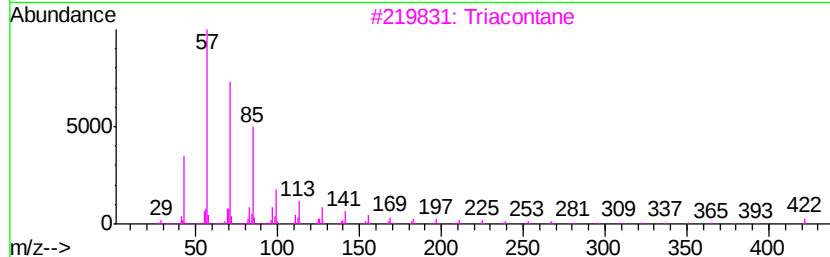
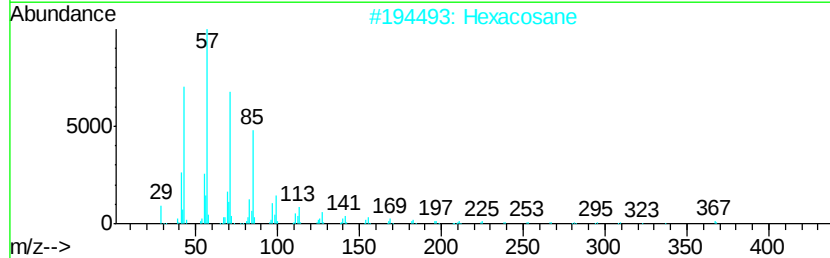
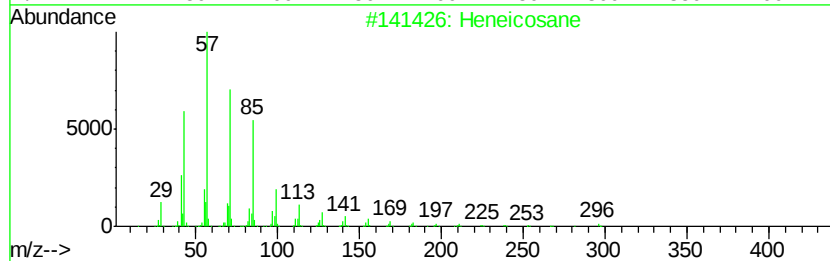
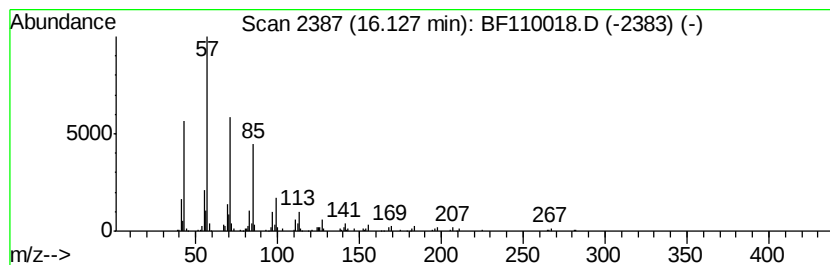
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	22.54 ng	338706	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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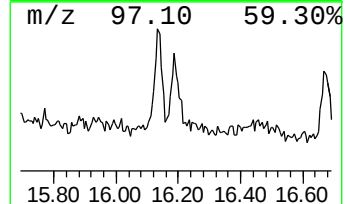
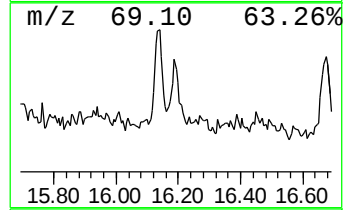
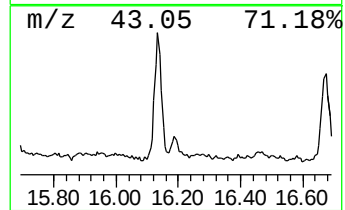
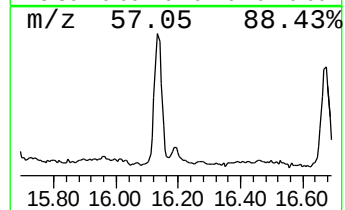
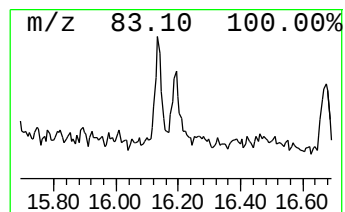
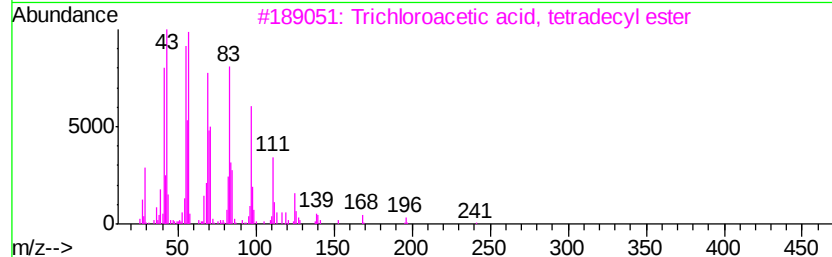
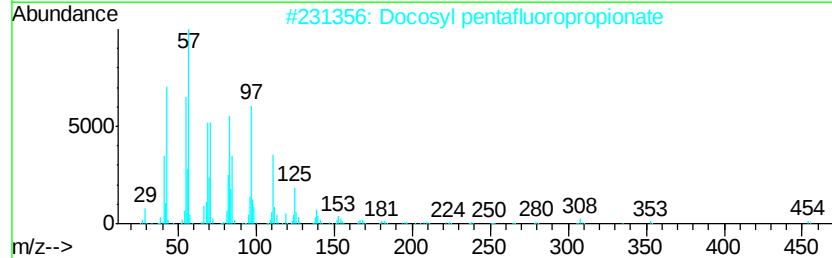
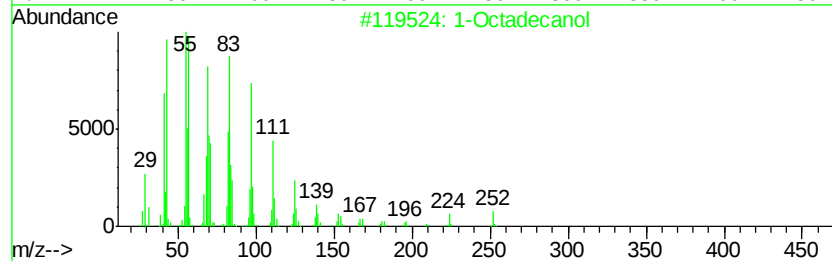
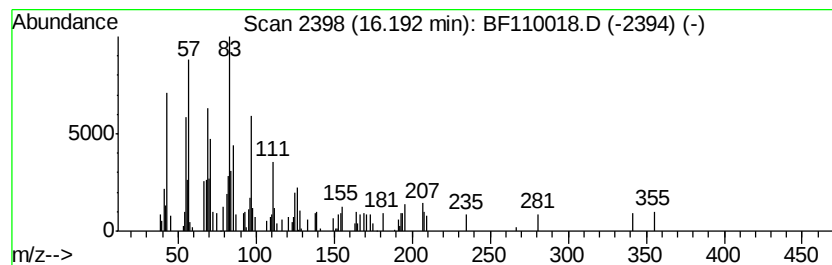
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1-Octadecanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	6.36 ng	95532	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanol	270	C18H38O	000112-92-5	64
2		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	58
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	58
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	58
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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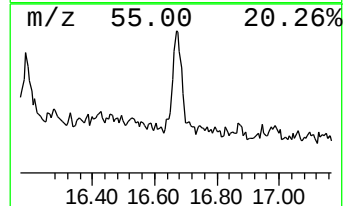
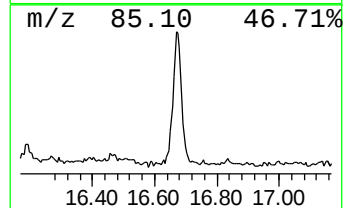
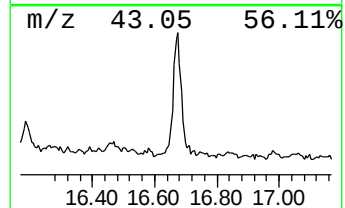
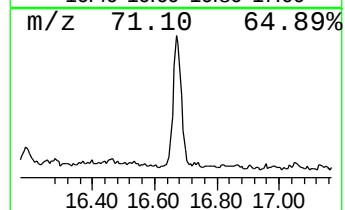
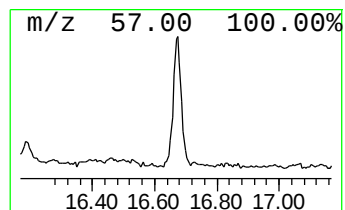
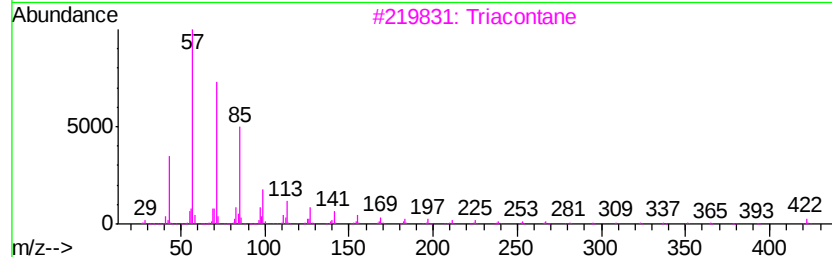
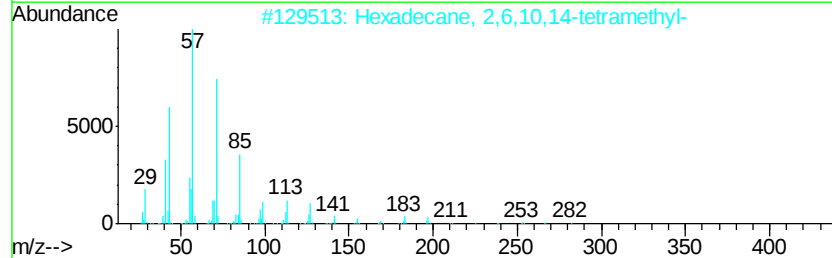
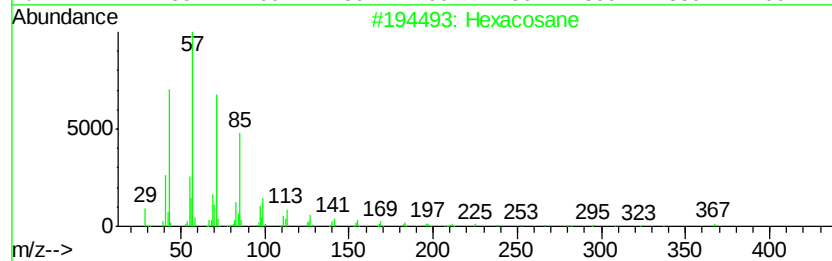
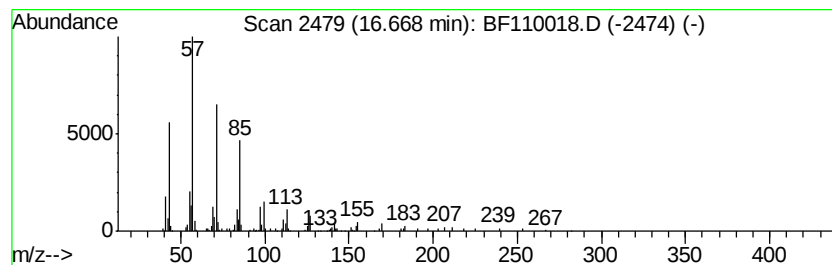
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	18.69 ng	280828	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3		Triacontane	422	C30H62	000638-68-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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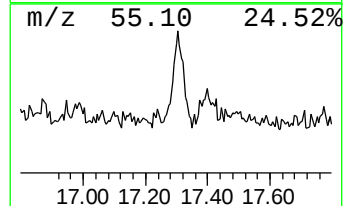
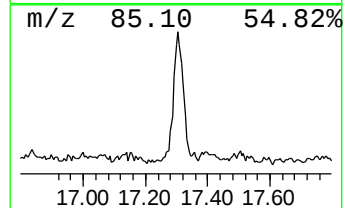
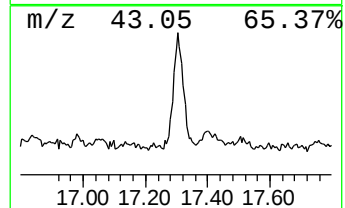
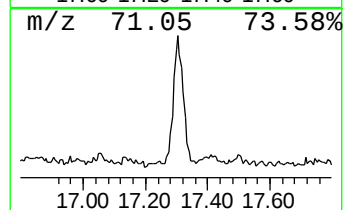
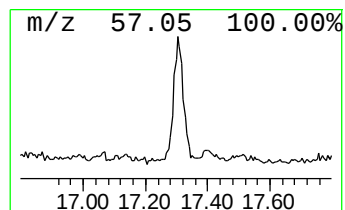
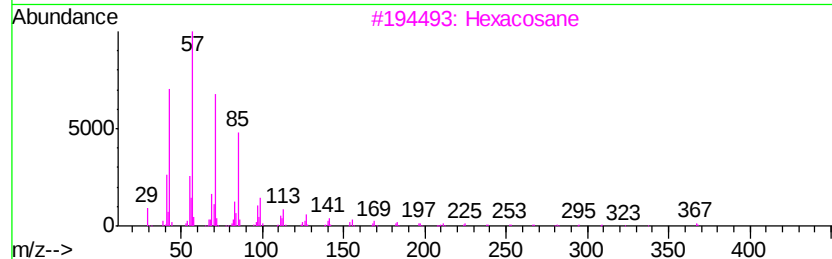
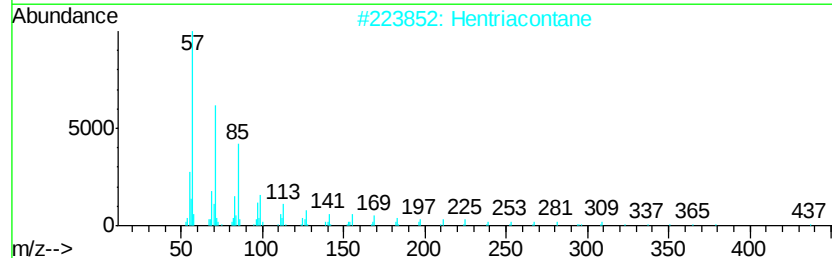
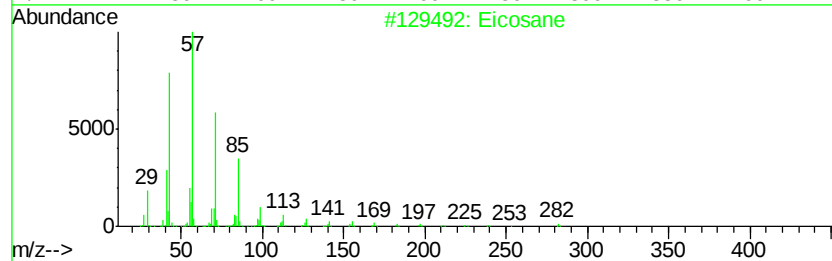
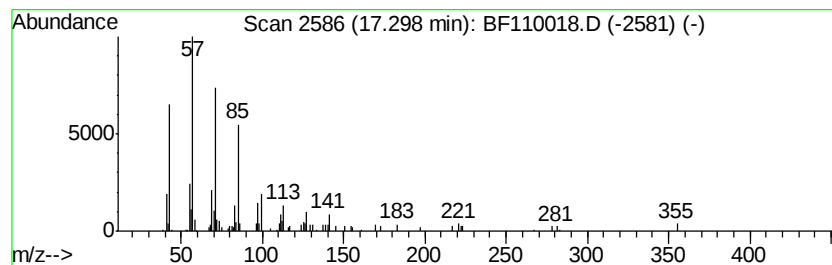
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	13.62 ng	204634	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110018.D
Acq On : 19 Oct 2018 22:18
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Sample : J5590-01
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ALS Vial : 23 Sample Multiplier: 1

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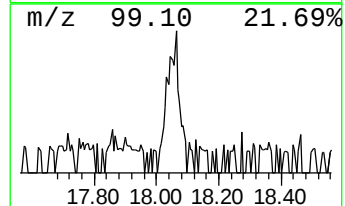
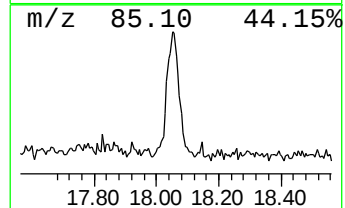
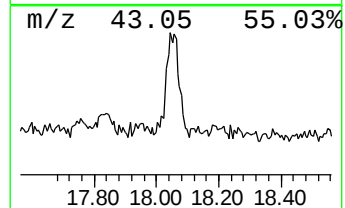
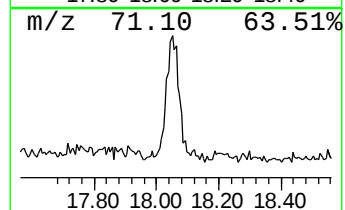
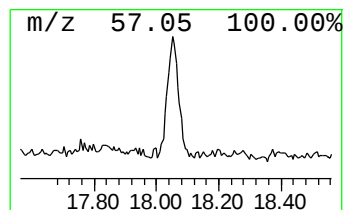
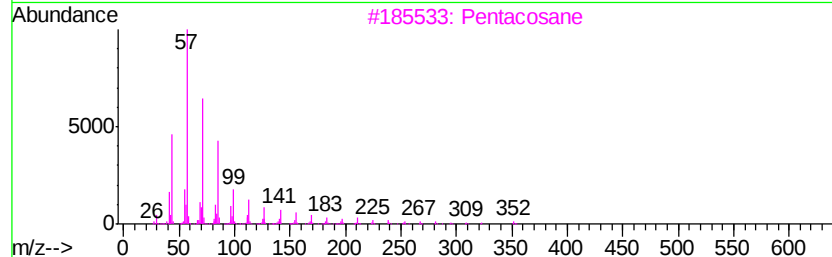
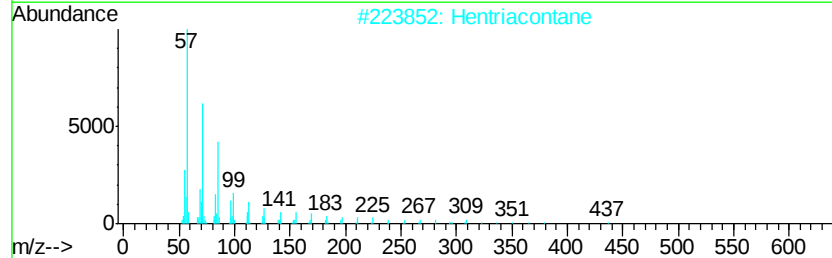
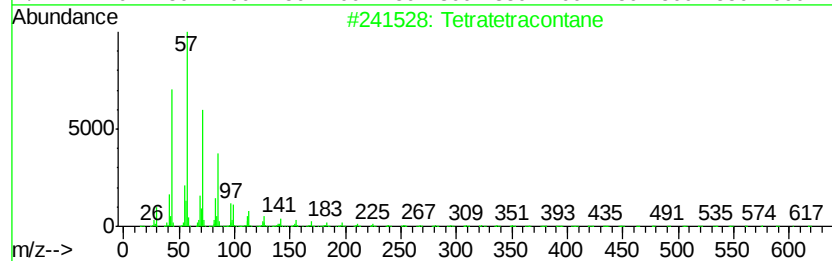
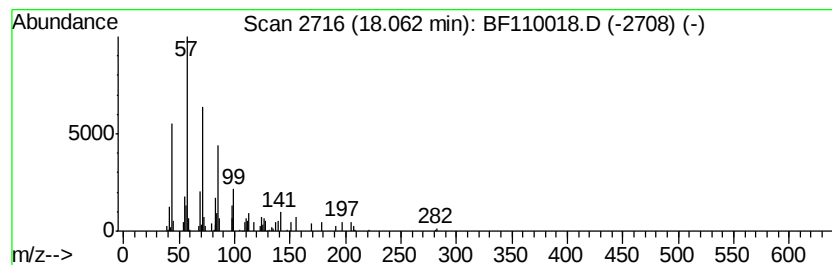
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.76 ng	146678	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	87
2			Hentriacontane	437	C31H64	000630-04-6	86
3			Pentacosane	352	C25H52	000629-99-2	80
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110018.D
 Acq On : 19 Oct 2018 22:18
 Operator : JU/SJ
 Sample : J5590-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Cyclohexane	2.13	211.0	ng	656022	1	6.96	62195	20.0
Butane, 2-methoxy...	2.35	249.7	ng	776547	1	6.96	62195	20.0
Propylene Glycol	3.62	165.0	ng	513138	1	6.96	62195	20.0
2-Pentanone, 4-hy...	5.22	110.4	ng	343370	1	6.96	62195	20.0
unknown6.74	6.74	1558.2	ng	4845540	1	6.96	62195	20.0
1,1'-Biphenyl, 2-...	9.33	32.5	ng	5170010	2	8.25	3176730	20.0
Phenol, 2,4,6-tri...	10.80	179.2	ng	3215080	3	11.50	358756	20.0
p,p'-DDE	13.02	10.5	ng	59890	4	14.14	113916	20.0
m,p'-DDD	13.36	14.5	ng	82788	4	14.14	113916	20.0
Heptadecane, 2,6,...	13.65	17.0	ng	96790	4	14.14	113916	20.0
1-Heneicosanol	13.96	108.5	ng	618206	4	14.14	113916	20.0
Octacosane	14.29	20.0	ng	113916	4	14.14	113916	20.0
Nonadecane, 1-chl...	14.60	42.6	ng	242558	4	14.14	113916	20.0
Docosane	14.92	13.8	ng	207357	5	15.66	300543	20.0
Heneicosane	16.13	22.5	ng	338706	5	15.66	300543	20.0
1-Octadecanol	16.19	6.4	ng	95532	5	15.66	300543	20.0
Hexacosane	16.67	18.7	ng	280828	5	15.66	300543	20.0
Eicosane	17.30	13.6	ng	204634	5	15.66	300543	20.0
Tetratetracontane	18.06	9.8	ng	146678	5	15.66	300543	20.0