

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
 Data File : BF108688.D
 Acq On : 31 Aug 2018 14:52
 Operator : JU/SJ
 Sample : J4723-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

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-BF083018.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	5.237	489	493	499	rBV	41830	61093	3.42%	0.300%
2	5.637	557	561	581	rBV	388745	1093040	61.10%	5.374%
3	6.631	727	730	743	rBV	535453	1280057	71.56%	6.293%
4	6.772	750	754	765	rBV	979039	1457263	81.46%	7.165%
5	7.001	787	793	803	rBV2	270261	501716	28.05%	2.467%
6	7.148	815	818	831	rBV	959843	1147318	64.14%	5.641%
7	7.513	875	880	885	rBV4	35828	57724	3.23%	0.284%
8	7.560	885	888	897	rBV	524917	885601	49.51%	4.354%
9	8.278	1007	1010	1014	rBV	495869	579429	32.39%	2.849%
10	8.313	1014	1016	1019	rVV	141102	141443	7.91%	0.695%
11	8.348	1020	1022	1028	rVB7	35971	51832	2.90%	0.255%
12	8.554	1053	1057	1061	rVB4	55585	75040	4.19%	0.369%
13	8.672	1075	1077	1080	rVB	97927	74003	4.14%	0.364%
14	8.889	1111	1114	1117	rBV4	35948	53367	2.98%	0.262%
15	9.013	1129	1135	1137	rBV5	52517	79217	4.43%	0.389%
16	9.042	1137	1140	1146	rBV6	38944	77309	4.32%	0.380%
17	9.278	1177	1180	1182	rVB	128777	104257	5.83%	0.513%
18	9.348	1188	1192	1200	rBV	1524215	1788863	100.00%	8.795%
19	9.413	1200	1203	1208	rVB4	110651	176846	9.89%	0.869%
20	9.730	1254	1257	1265	rBV2	402118	622258	34.79%	3.059%
21	9.889	1282	1284	1287	rBV2	117172	109127	6.10%	0.537%
22	9.942	1290	1293	1298	rVB3	183825	198726	11.11%	0.977%
23	10.013	1303	1305	1307	rBV2	87263	75677	4.23%	0.372%
24	10.042	1307	1310	1314	rBV	529406	620737	34.70%	3.052%
25	10.348	1359	1362	1365	rBV2	209178	279044	15.60%	1.372%
26	10.442	1375	1378	1380	rBV2	370562	357609	19.99%	1.758%
27	10.666	1412	1416	1419	rBV	480909	541887	30.29%	2.664%
28	10.836	1441	1445	1452	rBV3	645022	1169569	65.38%	5.750%
29	10.936	1457	1462	1465	rBV	1137696	1377690	77.01%	6.773%
30	11.401	1538	1541	1544	rBV	1486077	1603997	89.67%	7.886%
31	11.760	1599	1602	1605	rBV	807830	840652	46.99%	4.133%
32	12.854	1786	1788	1793	rVB4	961914	1277428	71.41%	6.280%
33	13.142	1834	1837	1841	rVB2	1313863	1579990	88.32%	7.768%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

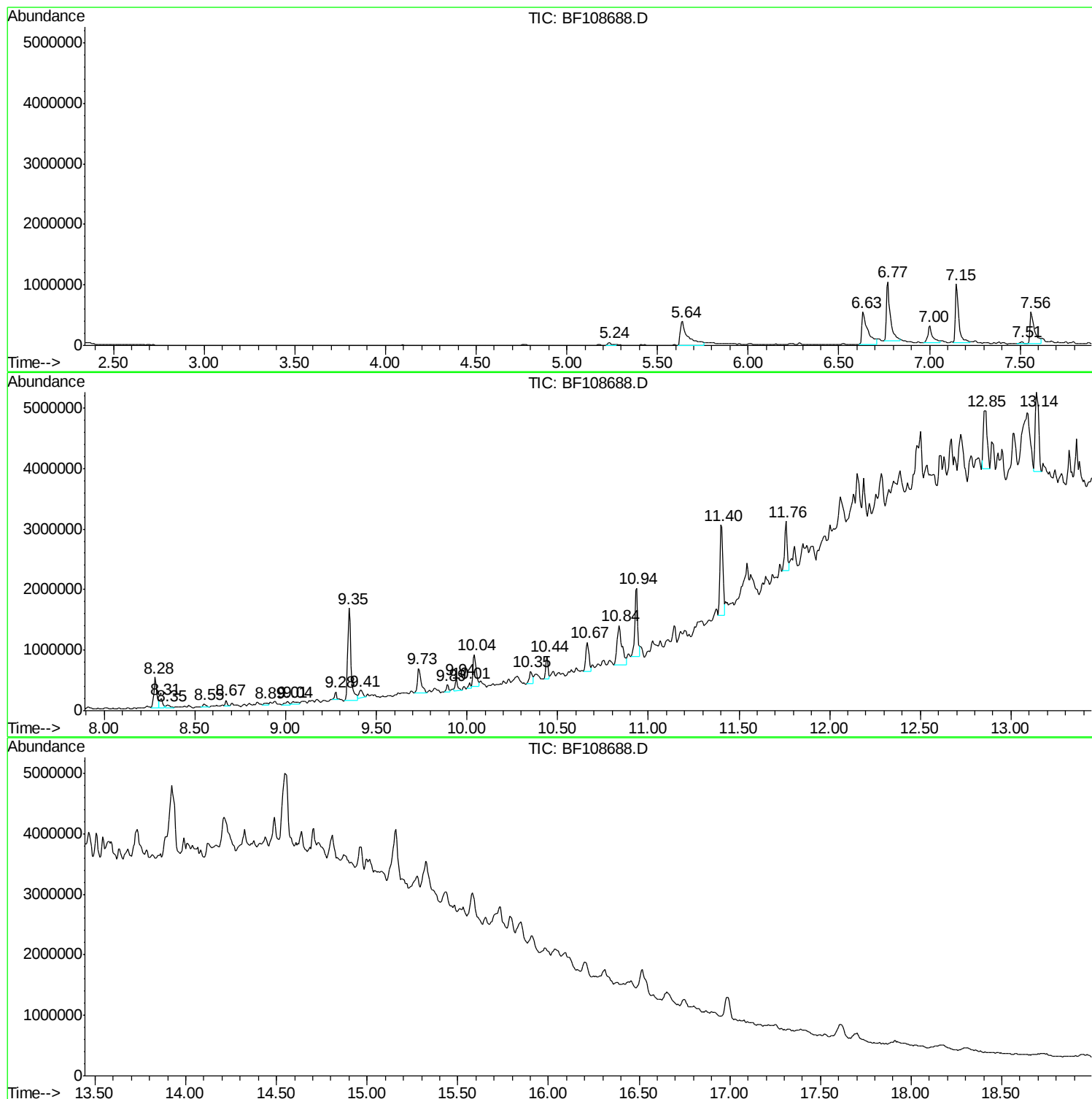
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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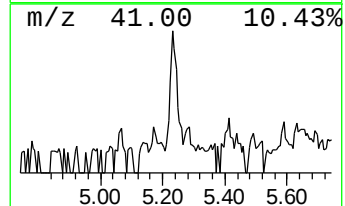
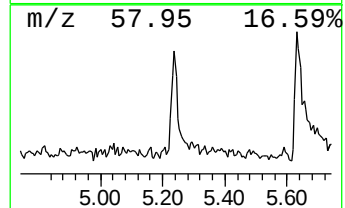
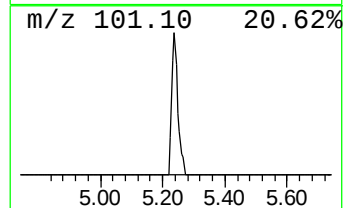
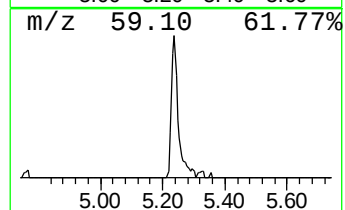
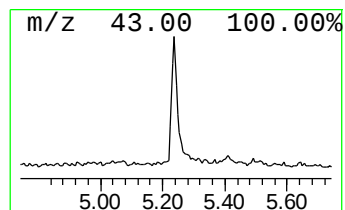
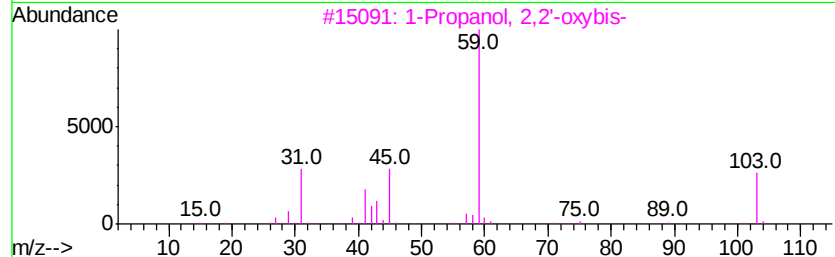
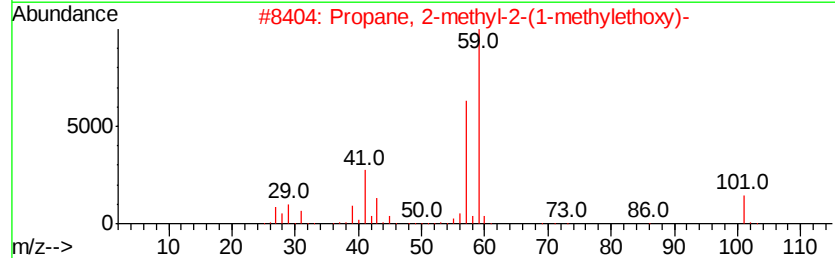
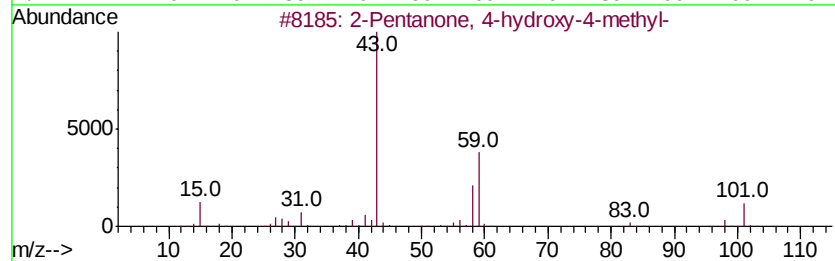
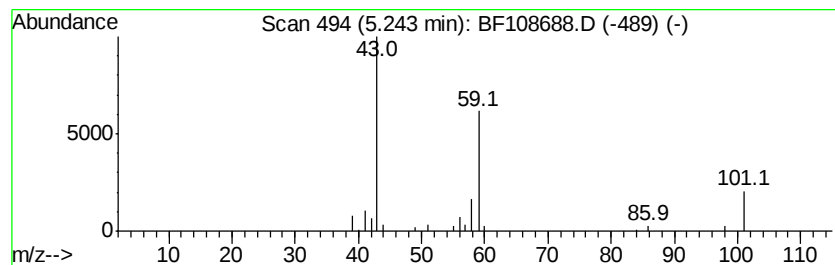
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.44 ng	61093	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	9
4		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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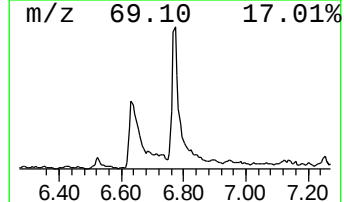
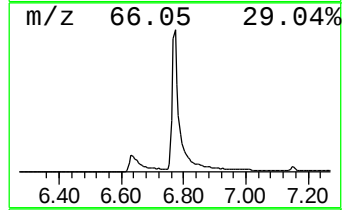
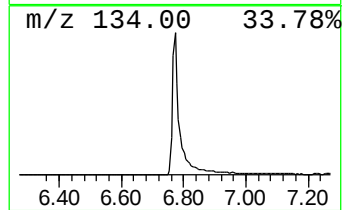
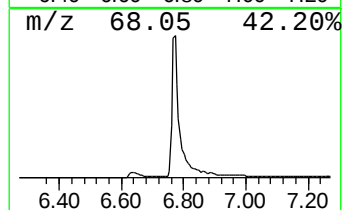
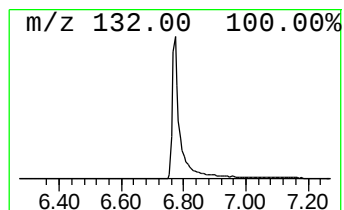
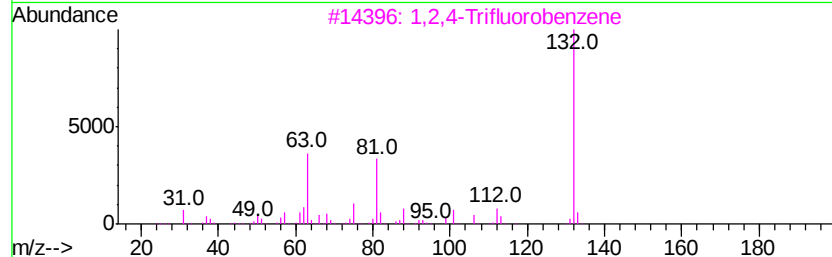
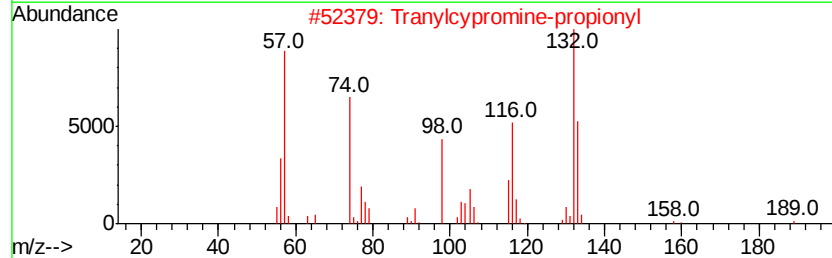
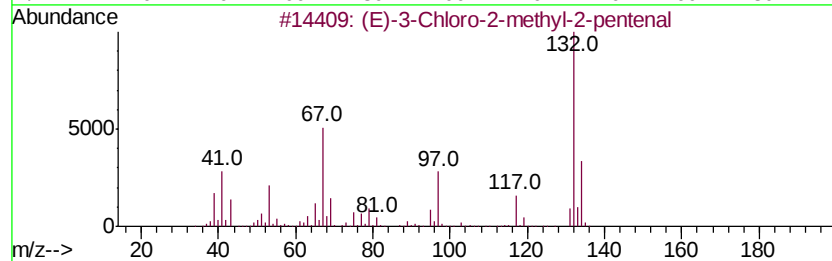
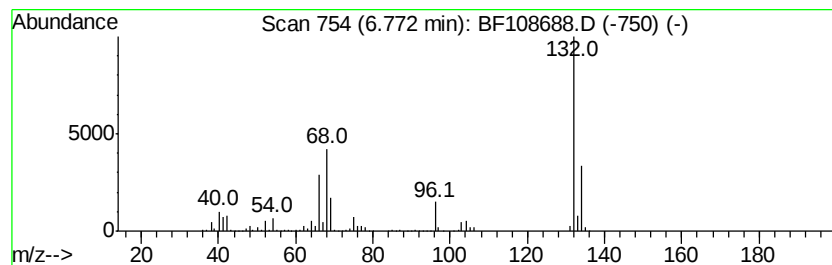
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	58.09 ng	1457260	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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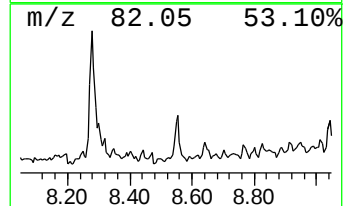
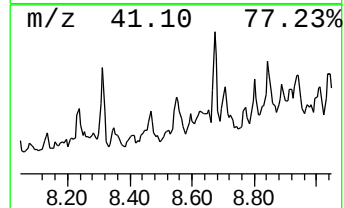
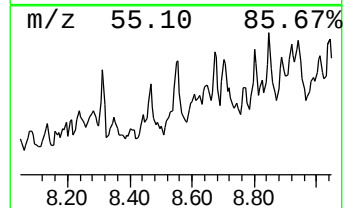
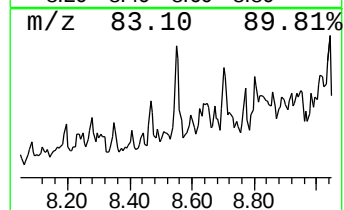
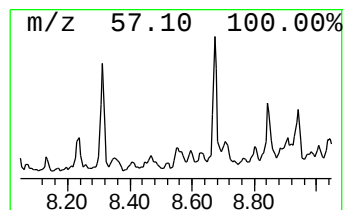
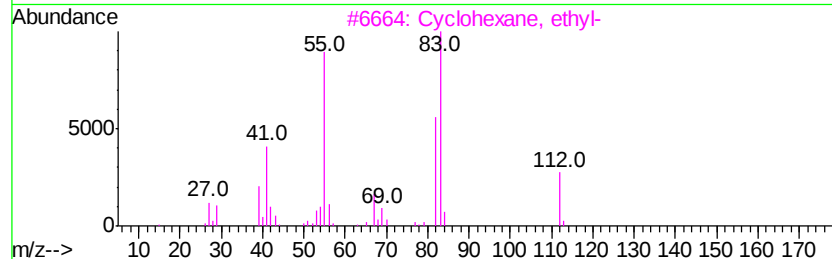
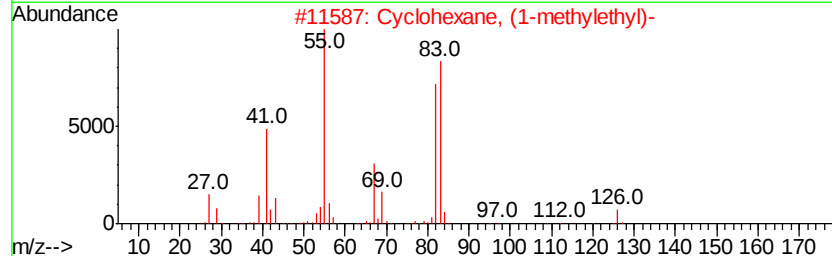
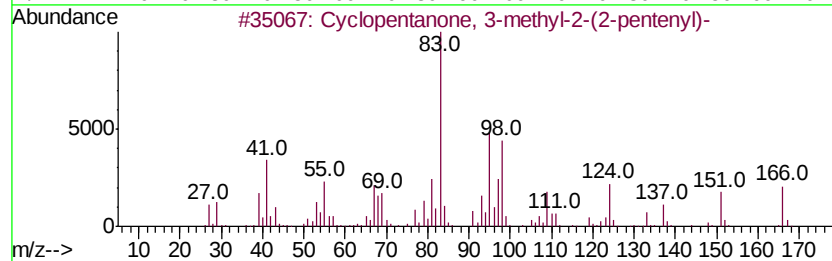
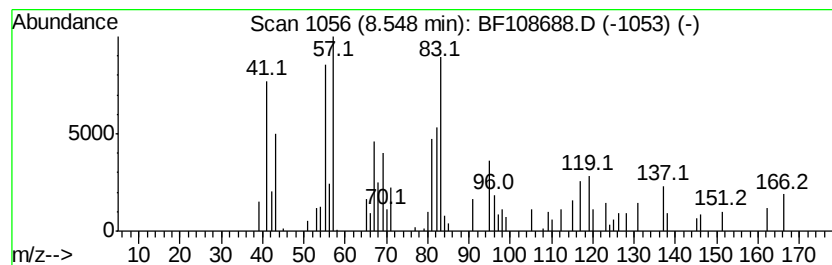
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	2.59 ng	75040	Naphthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanone, 3-methyl-2-(2-pentyl)-	166	C11H18O	007051-39-0	38
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	25
4			Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	25
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	22



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Misc :
ALS Vial : 3 Sample Multiplier: 1

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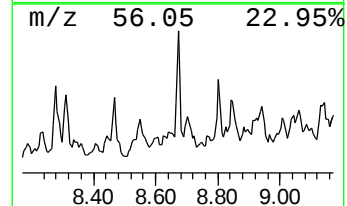
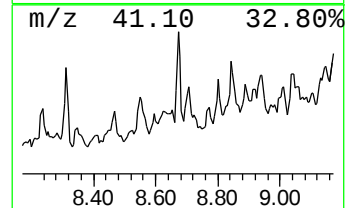
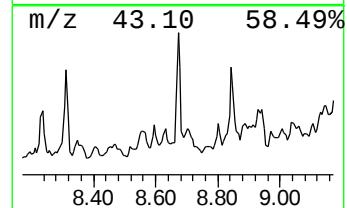
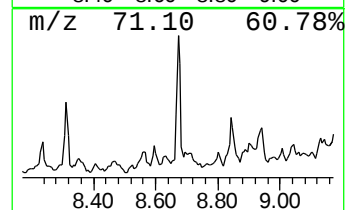
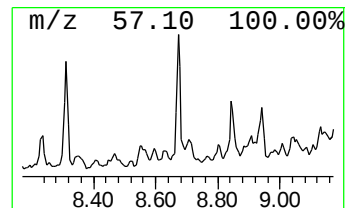
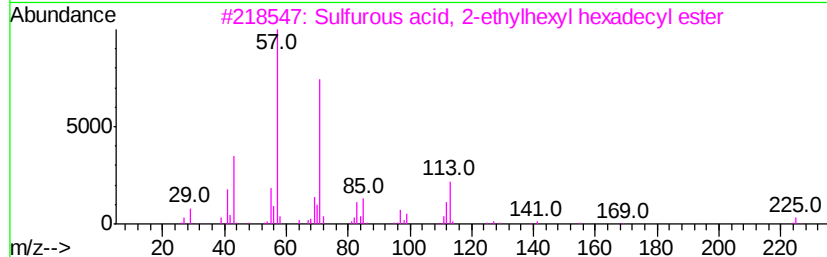
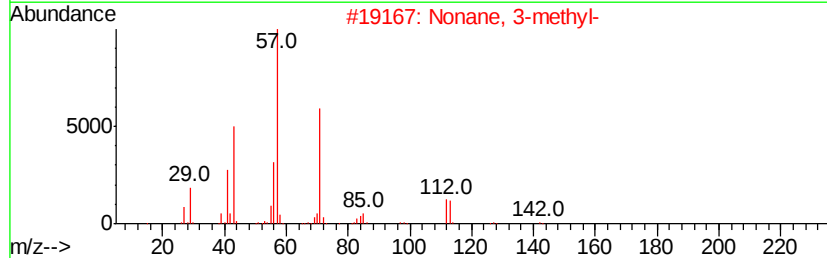
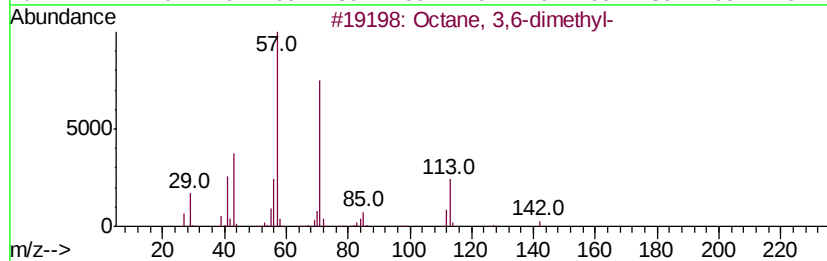
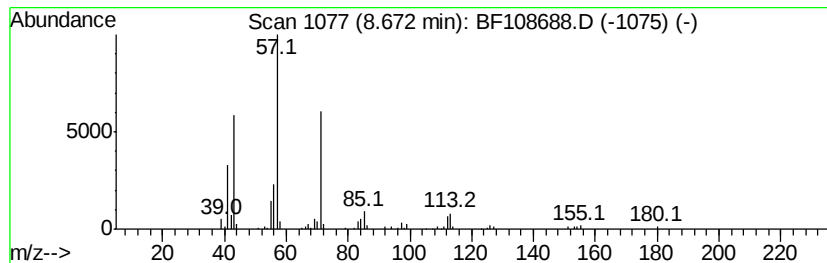
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.55 ng	74003	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59



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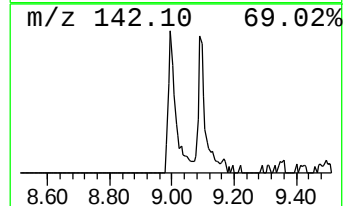
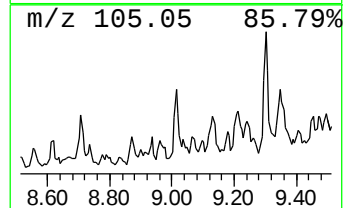
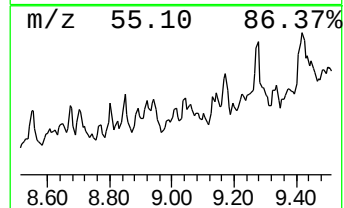
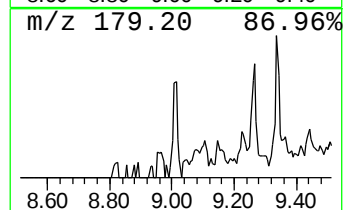
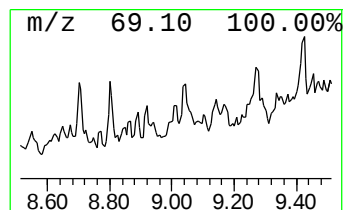
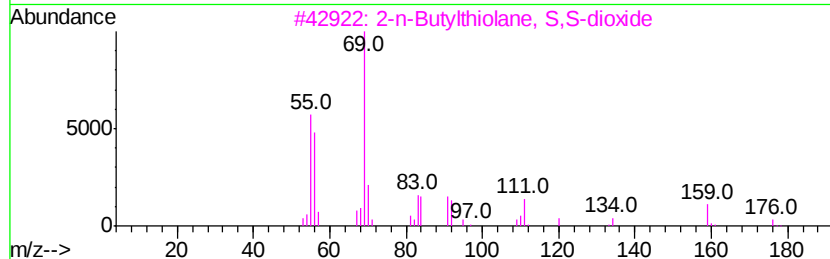
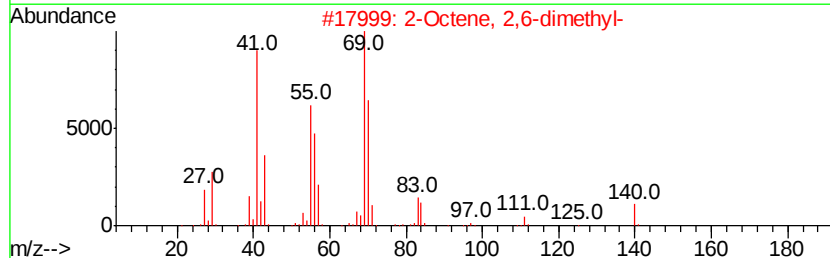
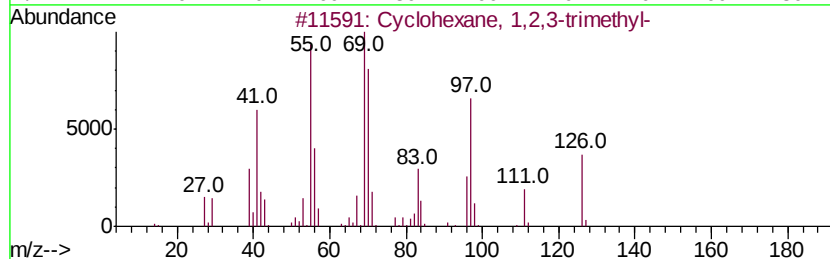
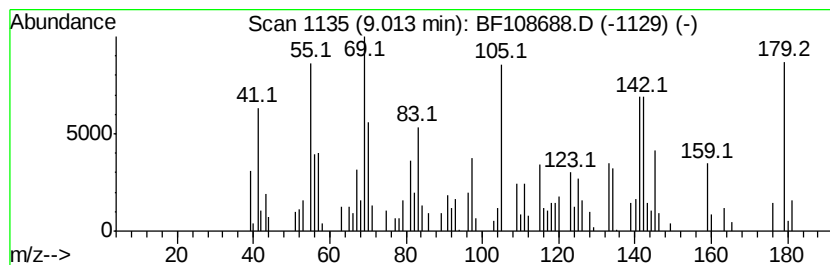
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	2.73 ng	79217	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	56
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	15
3		2-n-Butylthiolane, S,S-dioxide	176	C8H16O2S	071053-03-7	15
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	11
5		3-Nonene, 2-methyl-	140	C10H20	053966-53-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

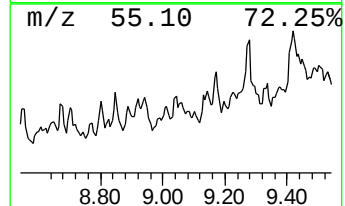
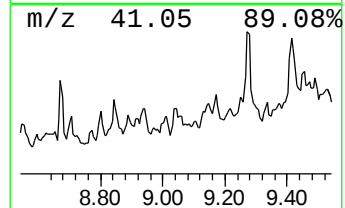
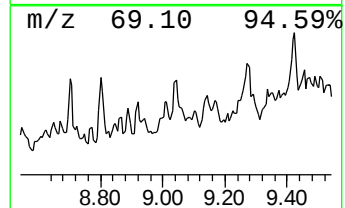
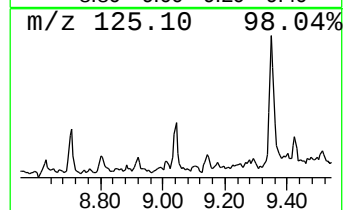
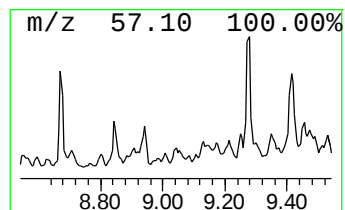
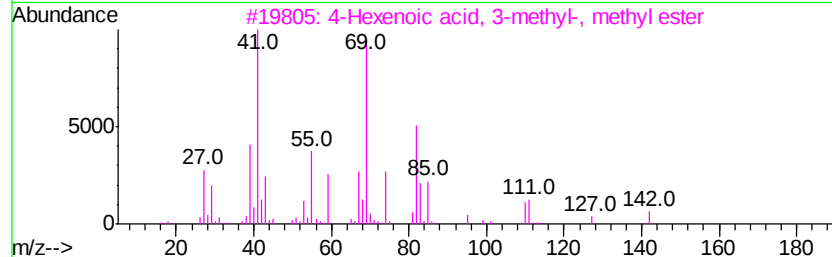
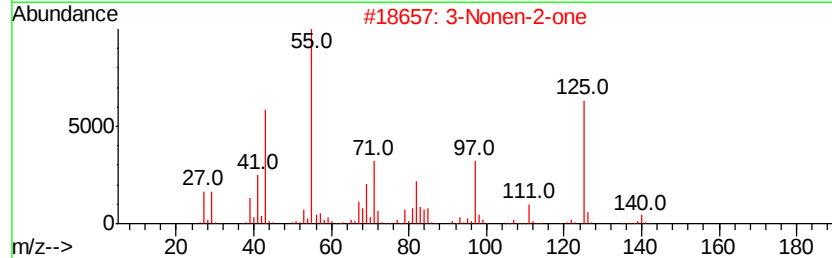
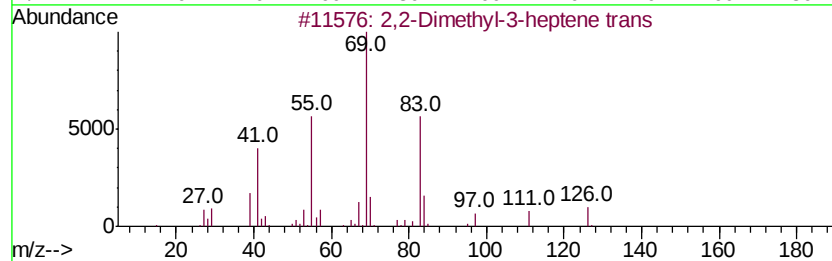
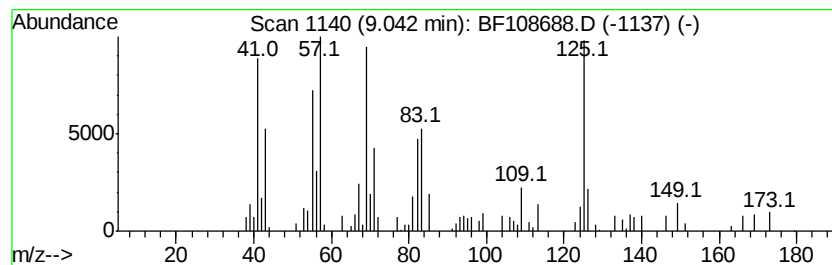
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.67 ng	77309	Napthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	27
2		3-Nonen-2-one	140	C9H16O	014309-57-0	27
3		4-Hexenoic acid, 3-methyl-, meth...	142	C8H14O2	054004-27-2	22
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22
5		3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

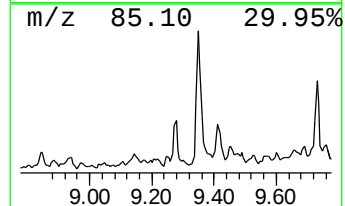
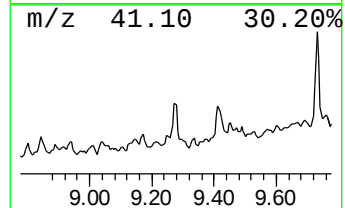
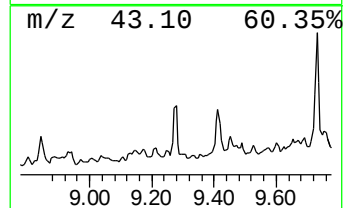
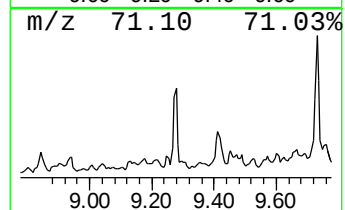
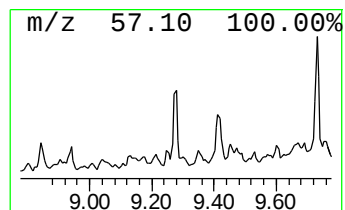
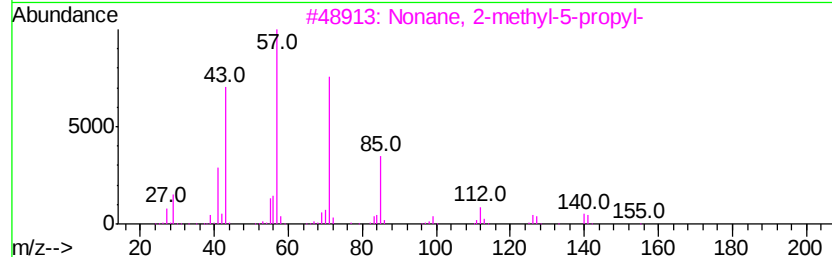
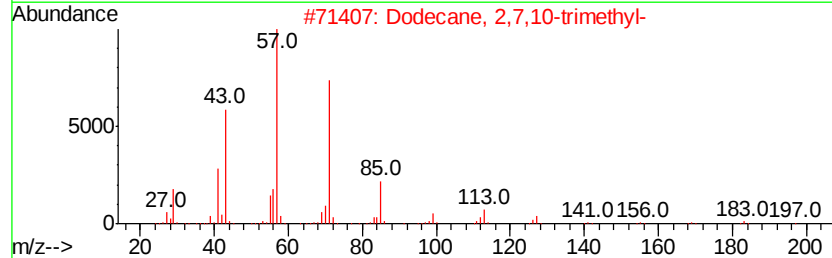
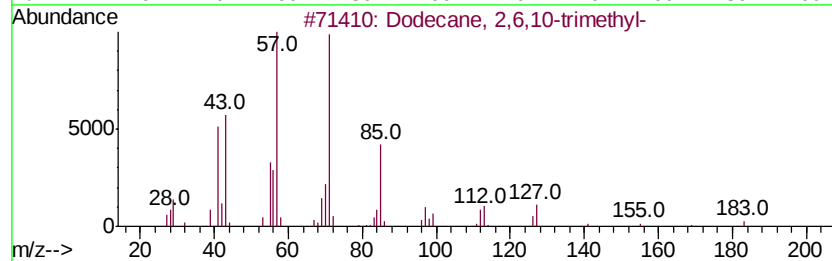
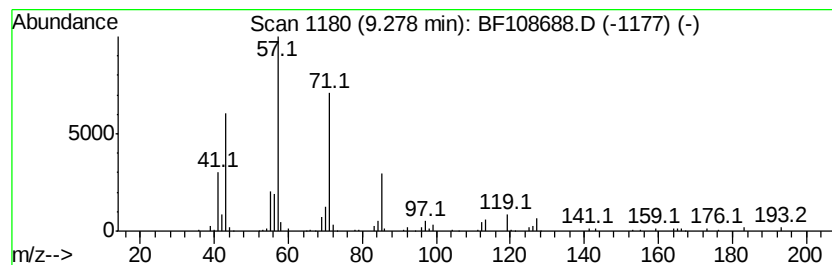
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ClientSampleId :
RA-082918-ESW-NSC-054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.36 ng	104257	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
3	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	64
4	Bacchotricuneatin c	342 C20H22O5	066563-30-2	64
5	Pentadecane	212 C15H32	000629-62-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

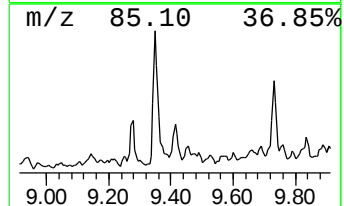
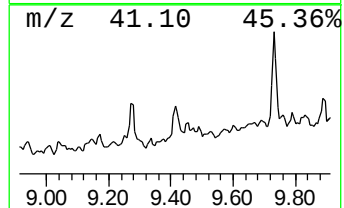
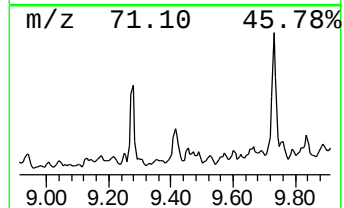
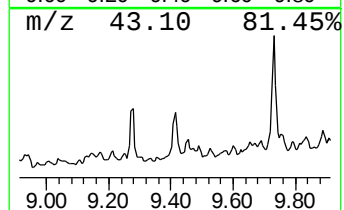
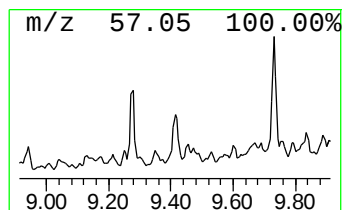
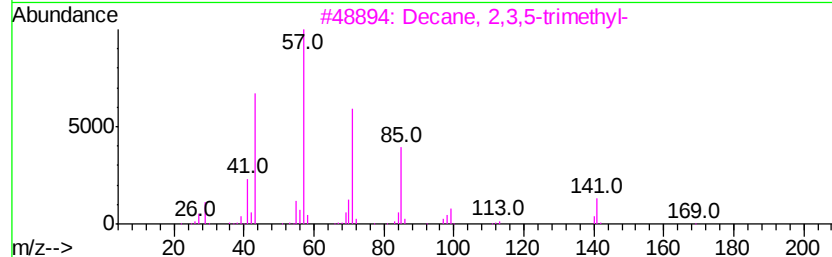
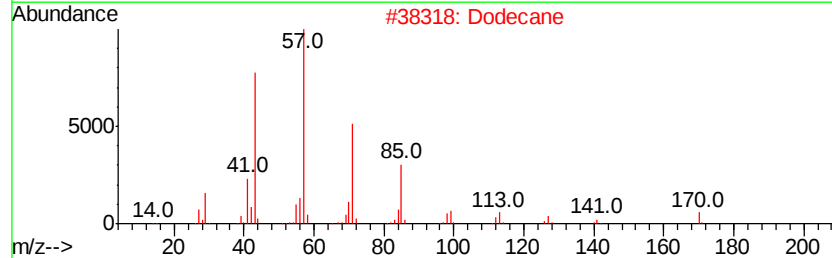
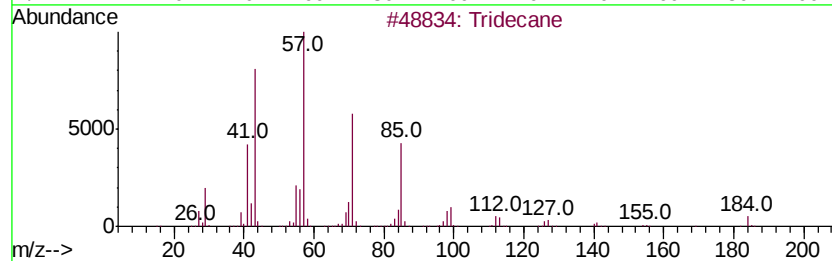
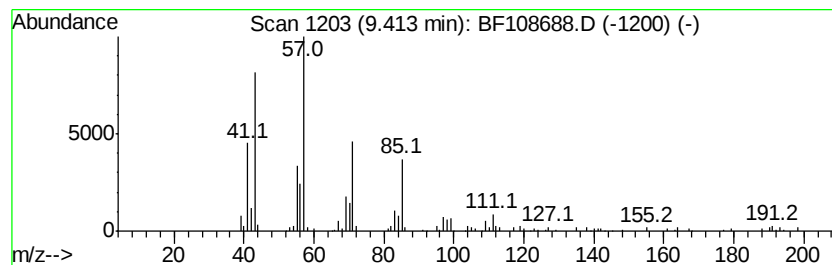
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.41	5.70 ng	176846	Acenaphthene-d10		10.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Dodecane	170	C12H26	000112-40-3	64
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4	Tetradecane	198	C14H30	000629-59-4	58
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
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ALS Vial : 3 Sample Multiplier: 1

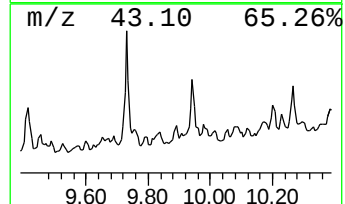
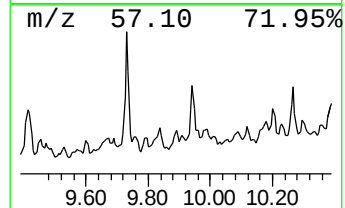
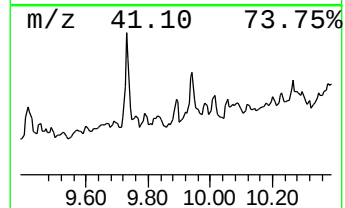
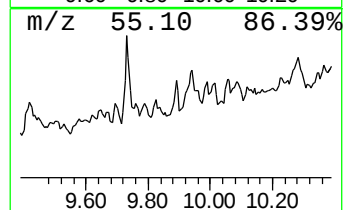
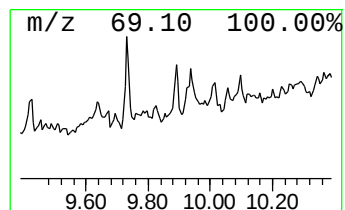
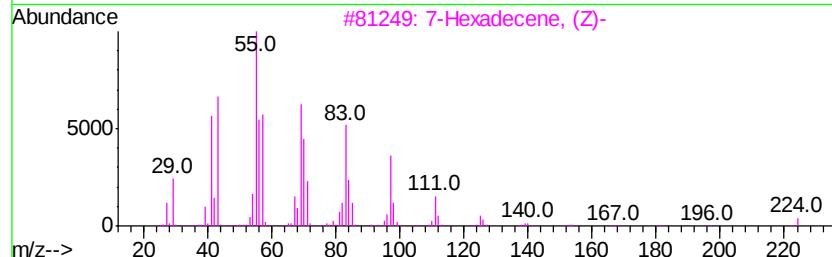
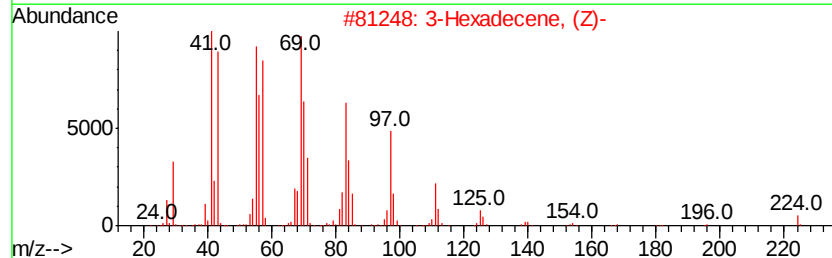
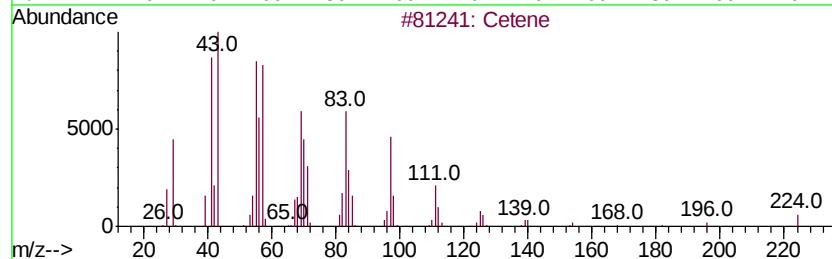
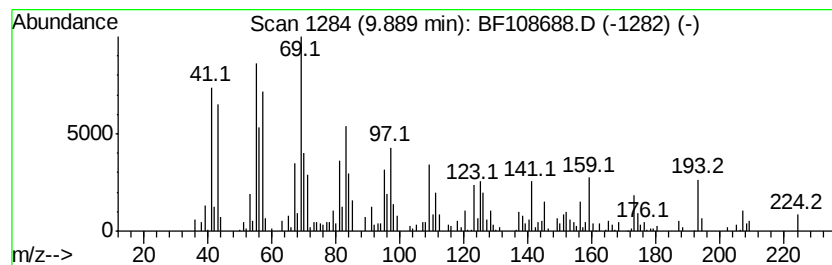
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cetene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.89	3.52 ng	109127	Acenaphthene-d10		10.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	90
2			3-Hexadecene, (Z)-	224	C16H32	034303-81-6	66
3			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	59
4			3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	55
5			3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108688.D
 Acq On : 31 Aug 2018 14:52
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Instrument :
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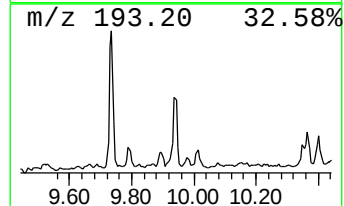
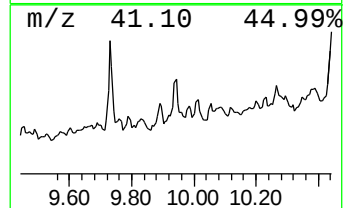
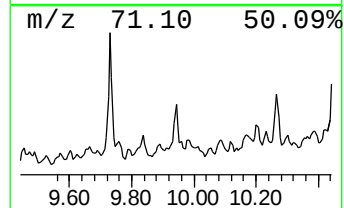
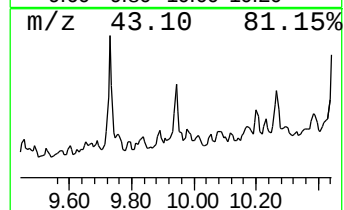
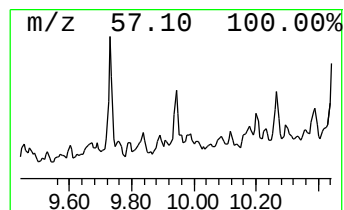
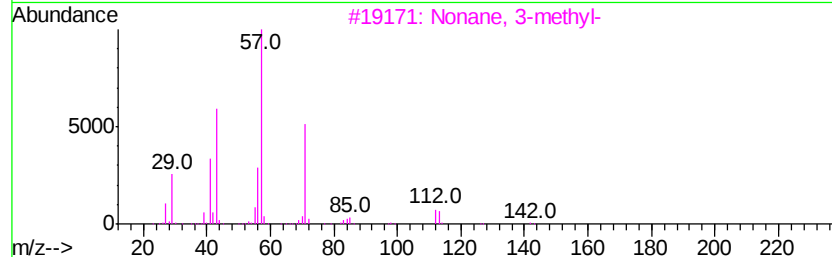
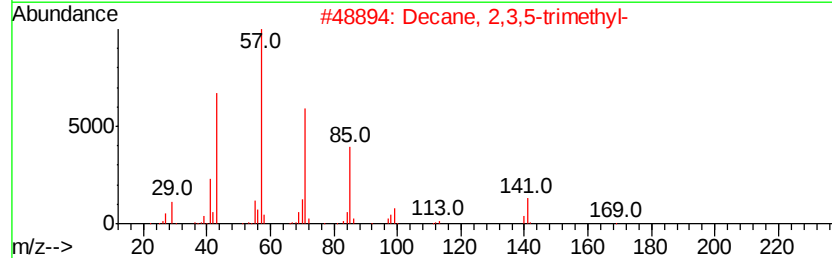
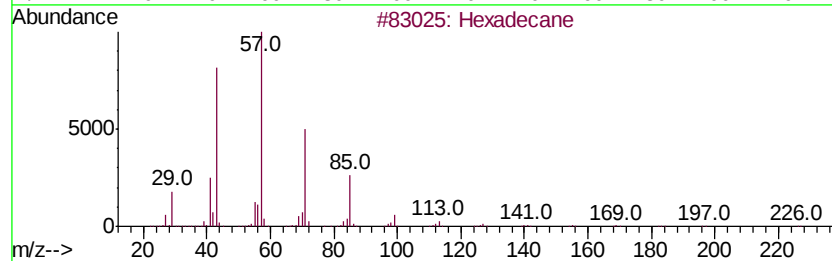
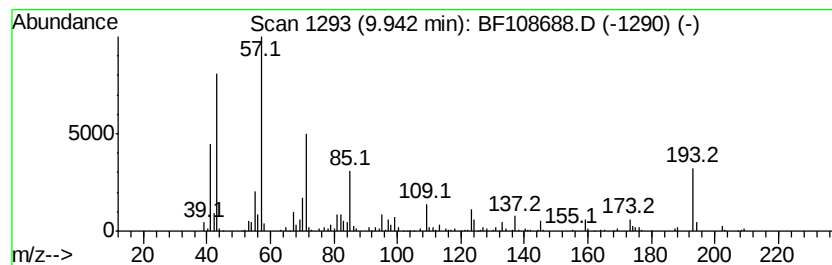
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 unknown9.94 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.40 ng	198726	Acenaphthene-d10	10.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	46
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	35
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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Operator : JU/SJ
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RA-082918-ESW-NSC-054

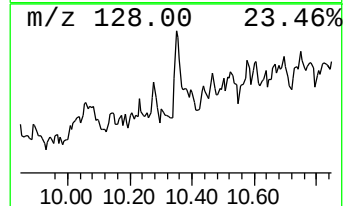
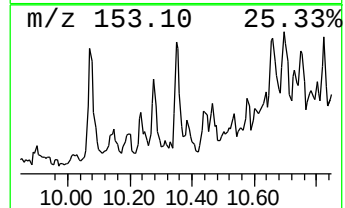
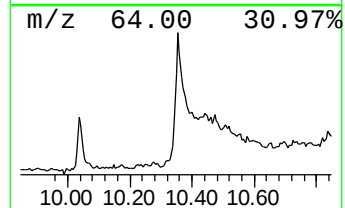
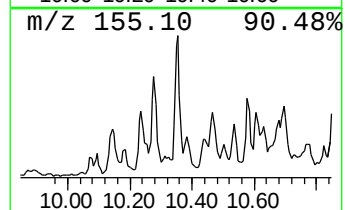
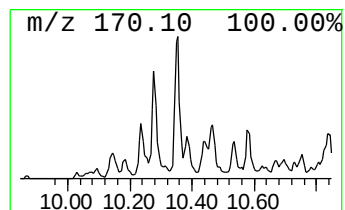
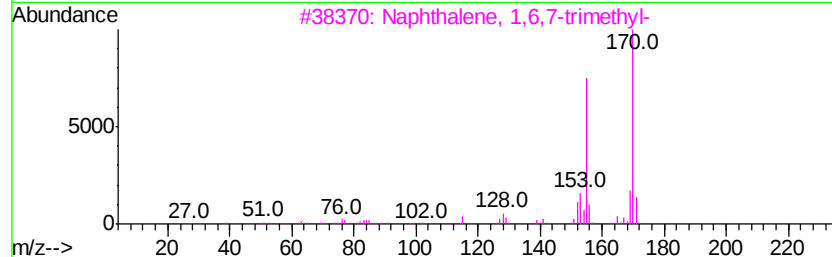
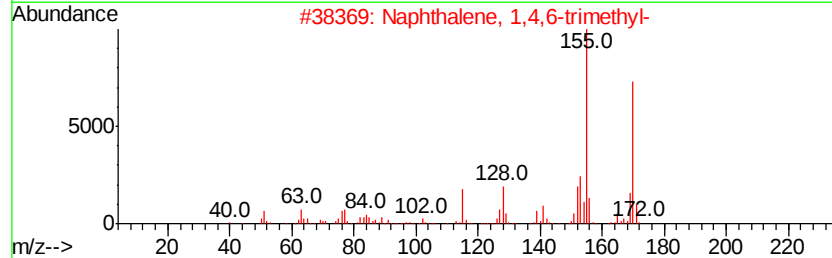
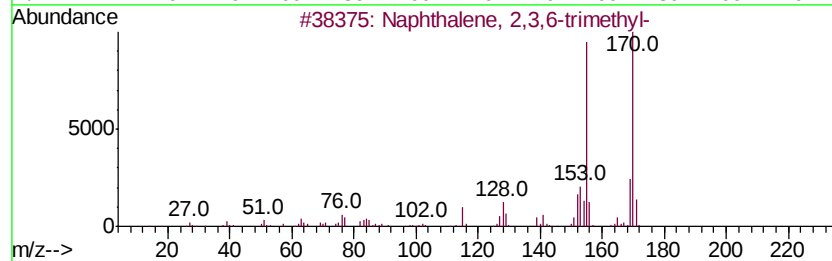
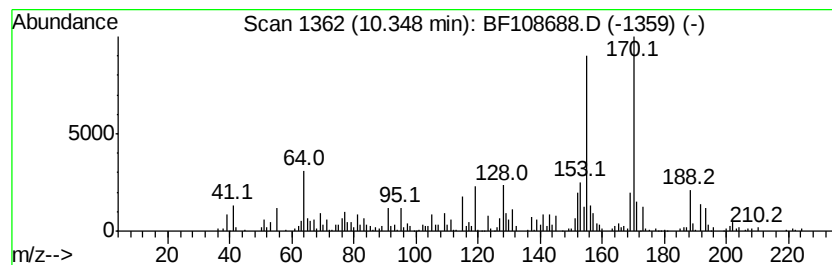
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.99 ng	279044	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
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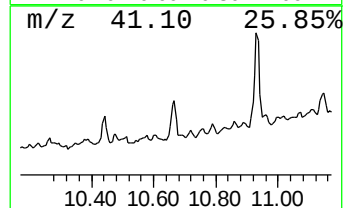
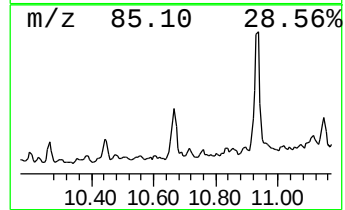
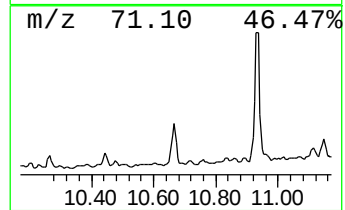
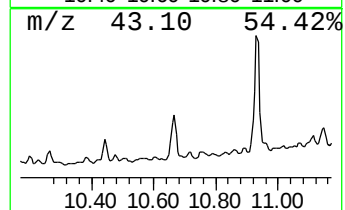
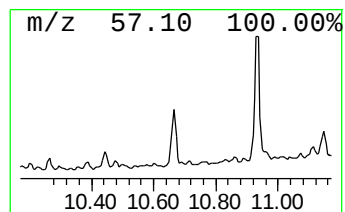
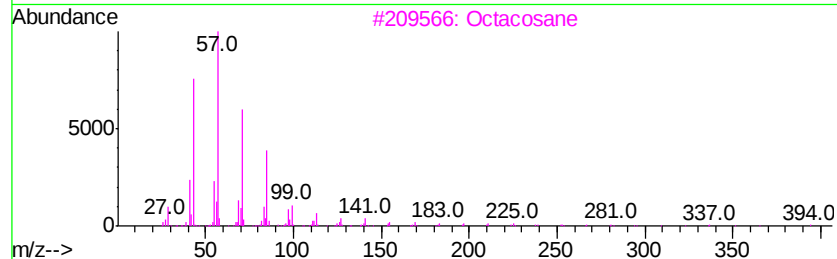
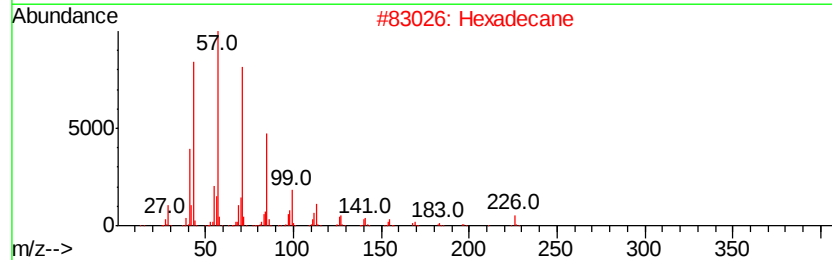
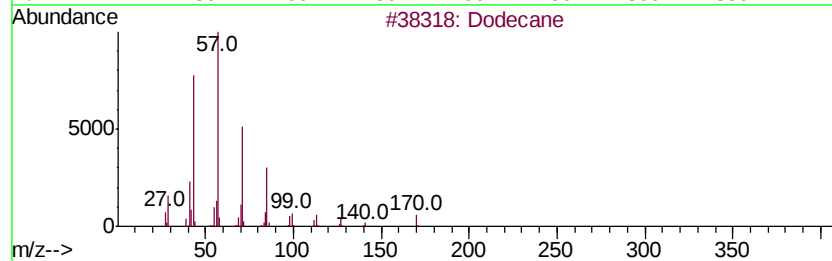
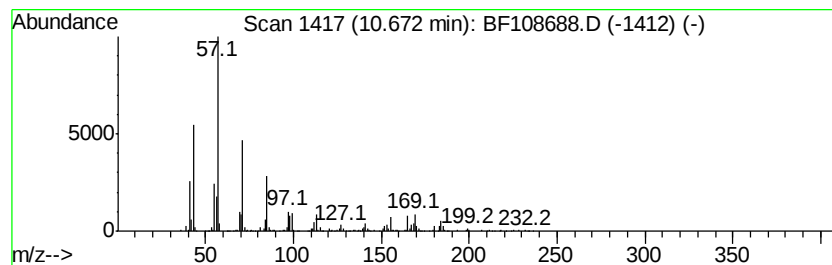
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BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

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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 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	17.46 ng	541887	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	80
2	Hexadecane	226 C16H34	000544-76-3	80
3	Octacosane	394 C28H58	000630-02-4	74
4	Hexatriacontane	507 C36H74	000630-06-8	72
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RA-082918-ESW-NSC-054

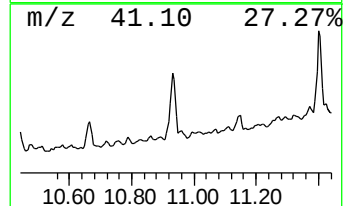
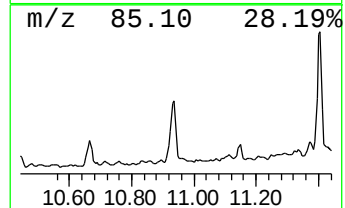
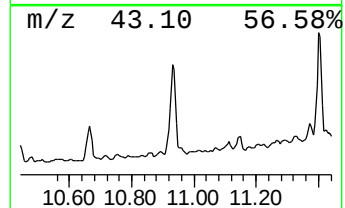
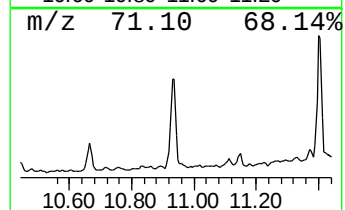
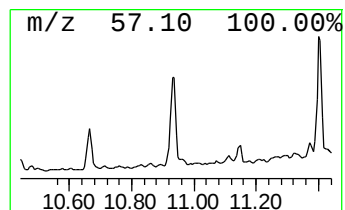
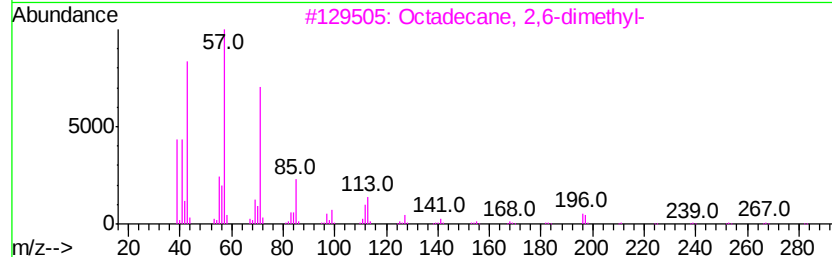
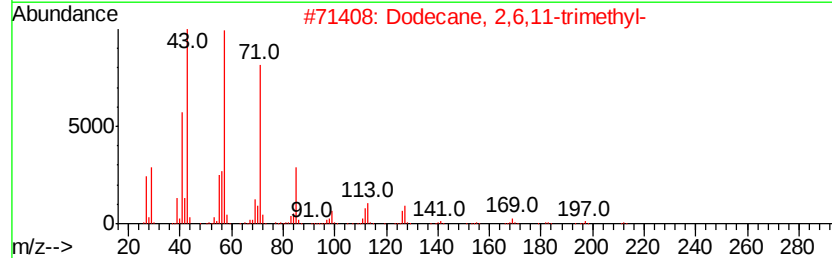
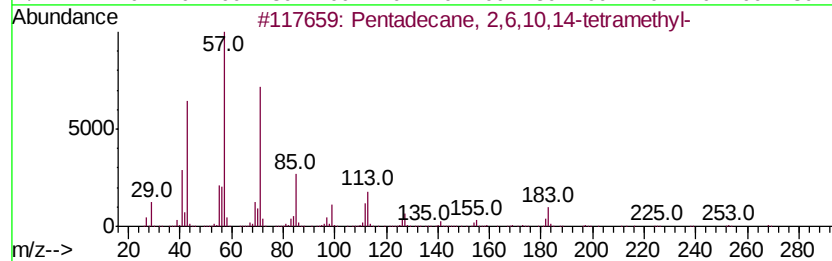
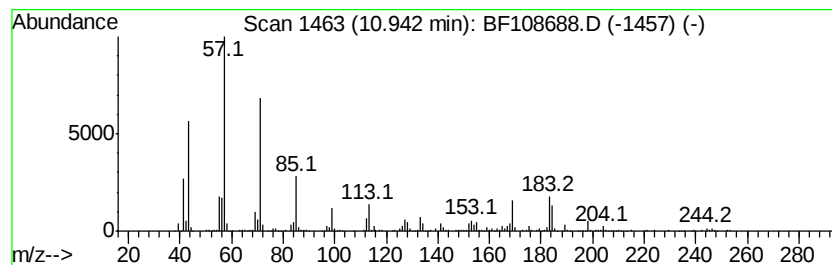
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	17.18 ng	1377690	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
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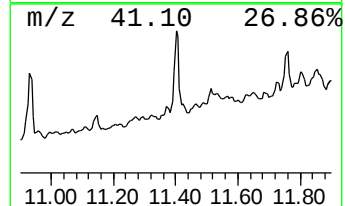
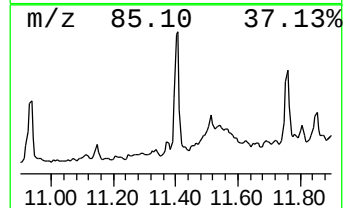
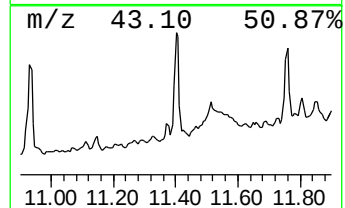
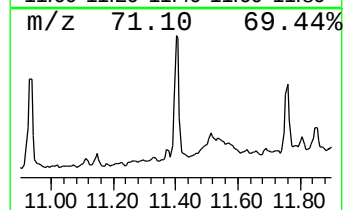
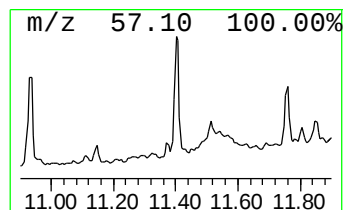
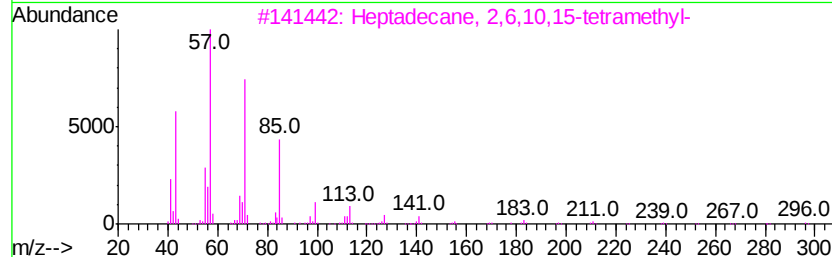
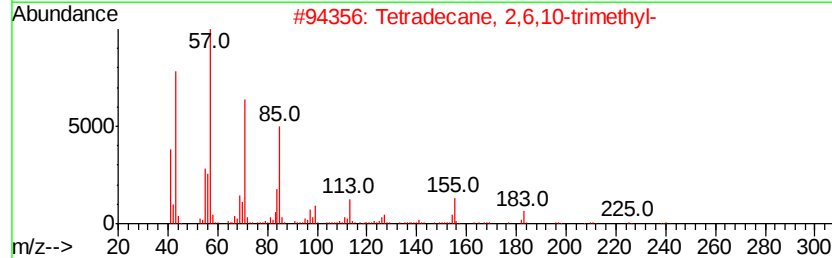
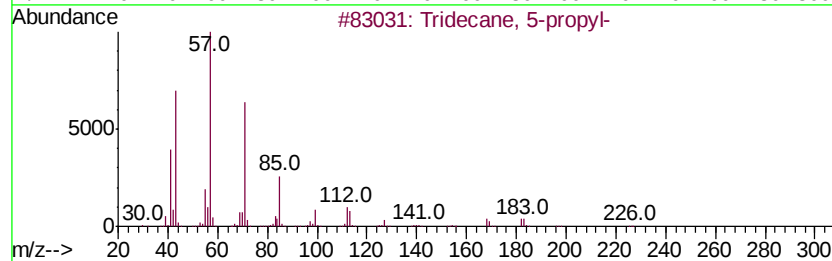
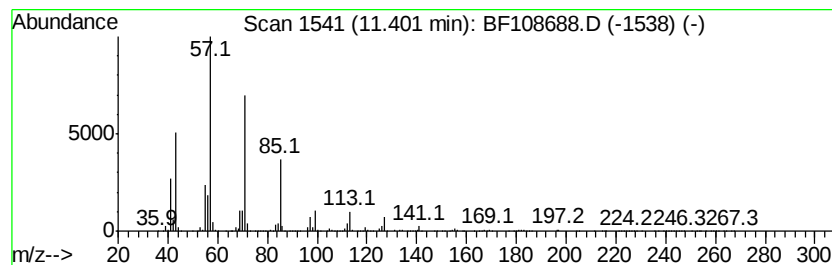
Instrument :
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ClientSampleId :
RA-082918-ESW-NSC-054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.40	20.00 ng	1604000	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

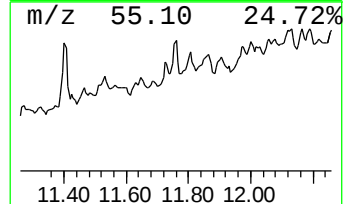
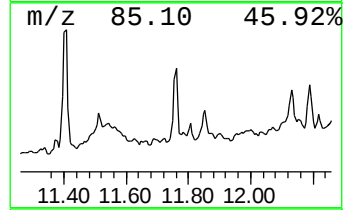
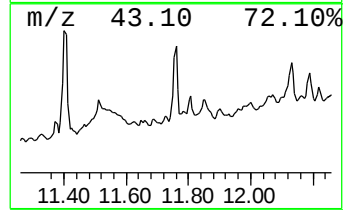
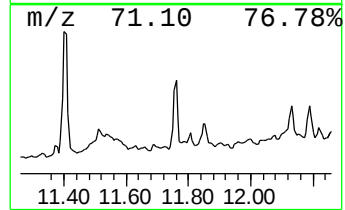
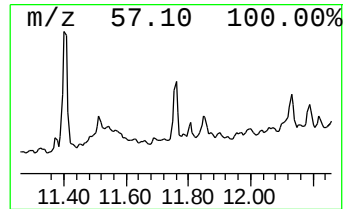
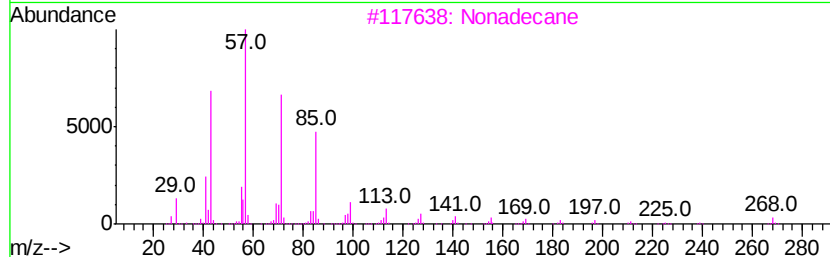
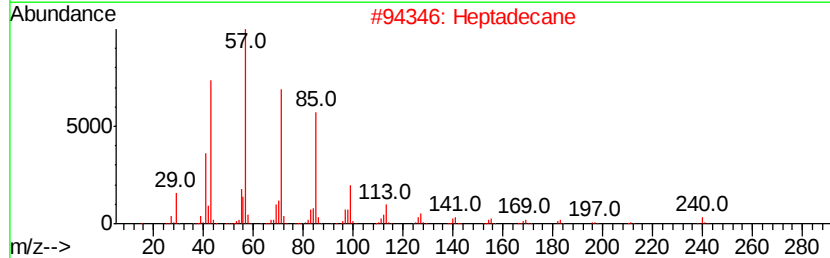
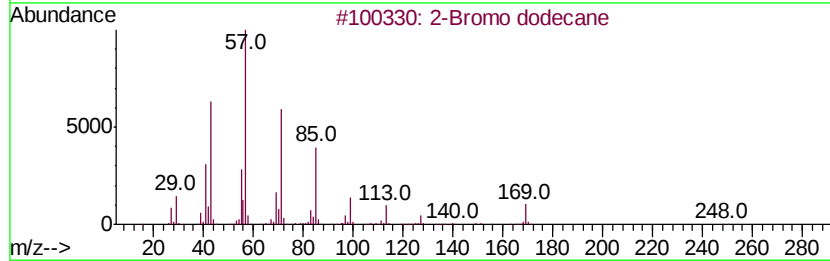
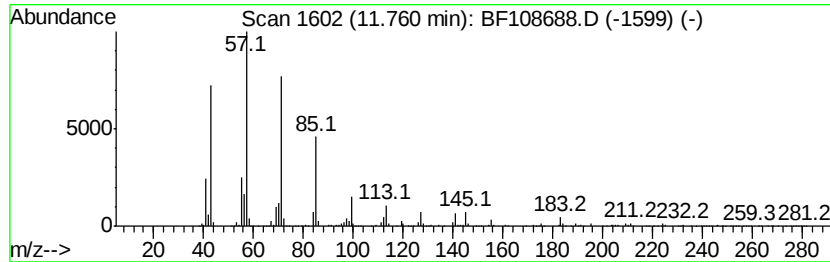
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	10.48 ng	840652	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Nonadecane	268	C19H40	000629-92-5	90
4		Octadecane	254	C18H38	000593-45-3	90
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

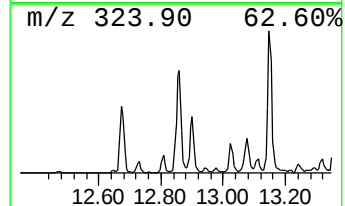
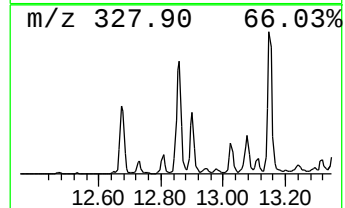
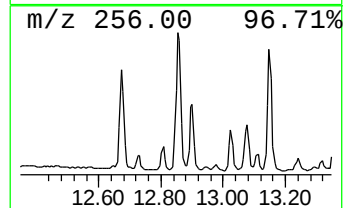
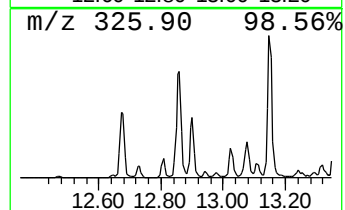
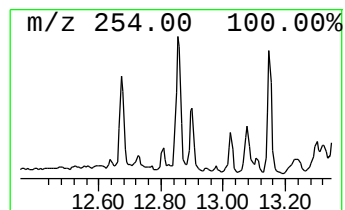
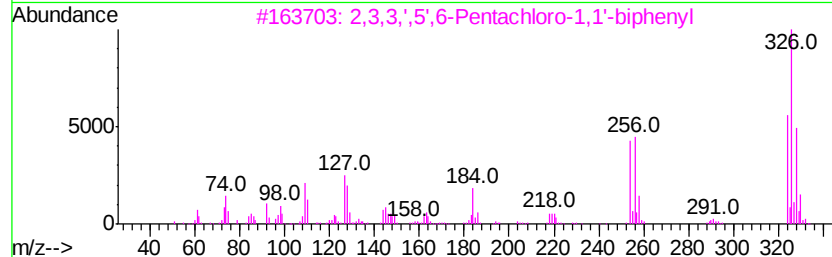
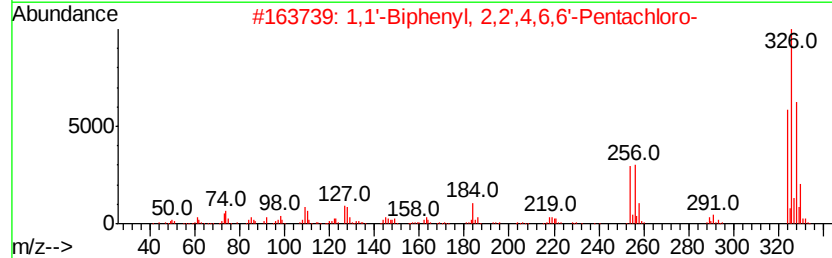
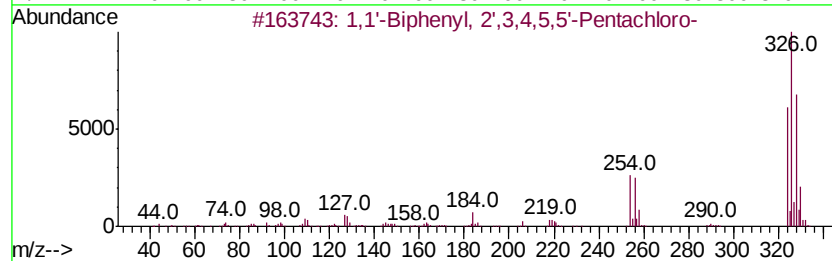
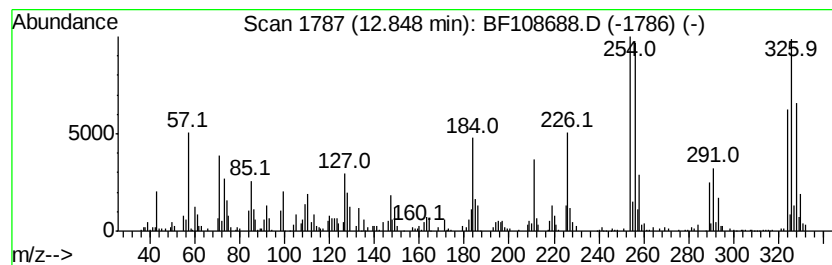
Instrument :
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ClientSampleId :
RA-082918-ESW-NSC-054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	15.93 ng	1277430	Phenanthrene-d10	11.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
2	1,1'	-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,3,3',	'5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	99
4	2,3,3',	5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
5	2,3',	4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
 Data File : BF108688.D
 Acq On : 31 Aug 2018 14:52
 Operator : JU/SJ
 Sample : J4723-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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
2-Pentanone, 4-hy...	5.24	2.4	ng	61093	1	7.00	501716	20.0
unknown6.77	6.77	58.1	ng	1457260	1	7.00	501716	20.0
unknown8.55	8.55	2.6	ng	75040	2	8.28	579429	20.0
Octane, 3,6-dimet...	8.67	2.5	ng	74003	2	8.28	579429	20.0
Cyclohexane, 1,2,...	9.01	2.7	ng	79217	2	8.28	579429	20.0
unknown9.04	9.04	2.7	ng	77309	2	8.28	579429	20.0
Dodecane, 2,6,10-...	9.28	3.4	ng	104257	3	10.04	620737	20.0
Tridecane	9.41	5.7	ng	176846	3	10.04	620737	20.0
Cetene	9.89	3.5	ng	109127	3	10.04	620737	20.0
unknown9.94	9.94	6.4	ng	198726	3	10.04	620737	20.0
Naphthalene, 2,3,...	10.35	9.0	ng	279044	3	10.04	620737	20.0
Dodecane	10.67	17.5	ng	541887	3	10.04	620737	20.0
Pentadecane, 2,6,...	10.94	17.2	ng	1377690	4	11.54	1604000	20.0
Tridecane, 5-propyl-	11.40	20.0	ng	1604000	4	11.54	1604000	20.0
2-Bromo dodecane	11.76	10.5	ng	840652	4	11.54	1604000	20.0
1,1'-Biphenyl, 2'...	12.85	15.9	ng	1277430	4	11.54	1604000	20.0