

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107538.D
 Acq On : 20 Jul 2018 21:51
 Operator : JU/SJ
 Sample : J4057-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-4

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-BF072018.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	5.207	484	488	505	rBV	747040	963845	16.10%	1.560%
2	5.607	551	556	591	rBV	3916622	5930163	99.07%	9.598%
3	6.601	721	725	745	rBV	4310050	5985957	100.00%	9.688%
4	6.742	745	749	769	rVB	5099056	5863111	97.95%	9.489%
5	6.972	785	788	810	rVB	1714858	1961937	32.78%	3.175%
6	7.125	810	814	840	rBV	4072125	4652734	77.73%	7.530%
7	7.536	879	884	908	rBV	3364319	3814929	63.73%	6.174%
8	8.254	1002	1006	1022	rBV	2385521	2587420	43.22%	4.188%
9	9.330	1184	1189	1198	rBV	5939776	5962521	99.61%	9.650%
10	9.719	1252	1255	1261	rBV	411325	421357	7.04%	0.682%
11	10.013	1301	1305	1318	rVB2	2622757	2591316	43.29%	4.194%
12	10.424	1371	1375	1379	rVB2	54571	71354	1.19%	0.115%
13	10.807	1436	1440	1449	rBV	3853137	3908426	65.29%	6.326%
14	10.913	1454	1458	1461	rVB3	65458	99118	1.66%	0.160%
15	11.436	1544	1547	1550	rBV	88280	87154	1.46%	0.141%
16	11.507	1555	1559	1568	rVV	2564690	2481740	41.46%	4.017%
17	11.701	1590	1592	1594	rBV	83500	65867	1.10%	0.107%
18	11.877	1619	1622	1624	rVB	140442	113714	1.90%	0.184%
19	11.919	1624	1629	1632	rBV2	101414	148473	2.48%	0.240%
20	11.948	1632	1634	1636	rBV	104628	85940	1.44%	0.139%
21	12.019	1642	1646	1655	rBV	352921	474479	7.93%	0.768%
22	12.124	1662	1664	1667	rBV	175393	148735	2.48%	0.241%
23	12.295	1690	1693	1696	rBV	369367	300331	5.02%	0.486%
24	12.724	1763	1766	1770	rBV	124209	104774	1.75%	0.170%
25	12.801	1777	1779	1787	rVB7	67904	68730	1.15%	0.111%
26	12.954	1803	1805	1813	rVB	124798	143793	2.40%	0.233%
27	13.060	1821	1823	1825	rBV2	110873	99990	1.67%	0.162%
28	13.089	1825	1828	1832	rVB	4475311	4131192	69.01%	6.686%
29	13.765	1940	1943	1949	rBV	1017995	923345	15.43%	1.494%
30	13.971	1975	1978	1987	rVB	356418	431316	7.21%	0.698%
31	14.154	2005	2009	2016	rVB	2056293	2035251	34.00%	3.294%
32	14.295	2031	2033	2039	rVB3	109048	128083	2.14%	0.207%
33	14.418	2051	2054	2058	rBV	1487107	1248055	20.85%	2.020%
34	14.601	2082	2085	2090	rVB3	194143	237999	3.98%	0.385%

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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	14.918	2137	2139	2143	rVB	154363	149502	2.50%	0.242%
36	15.077	2163	2166	2171	rVB	254203	261539	4.37%	0.423%
37	15.277	2198	2200	2204	rVB	125131	122523	2.05%	0.198%
38	15.689	2265	2270	2276	rBV2	1582482	2186139	36.52%	3.538%
39	16.142	2345	2347	2353	rVB2	118871	172026	2.87%	0.278%
40	17.618	2593	2598	2608	rVB3	256035	621101	10.38%	1.005%

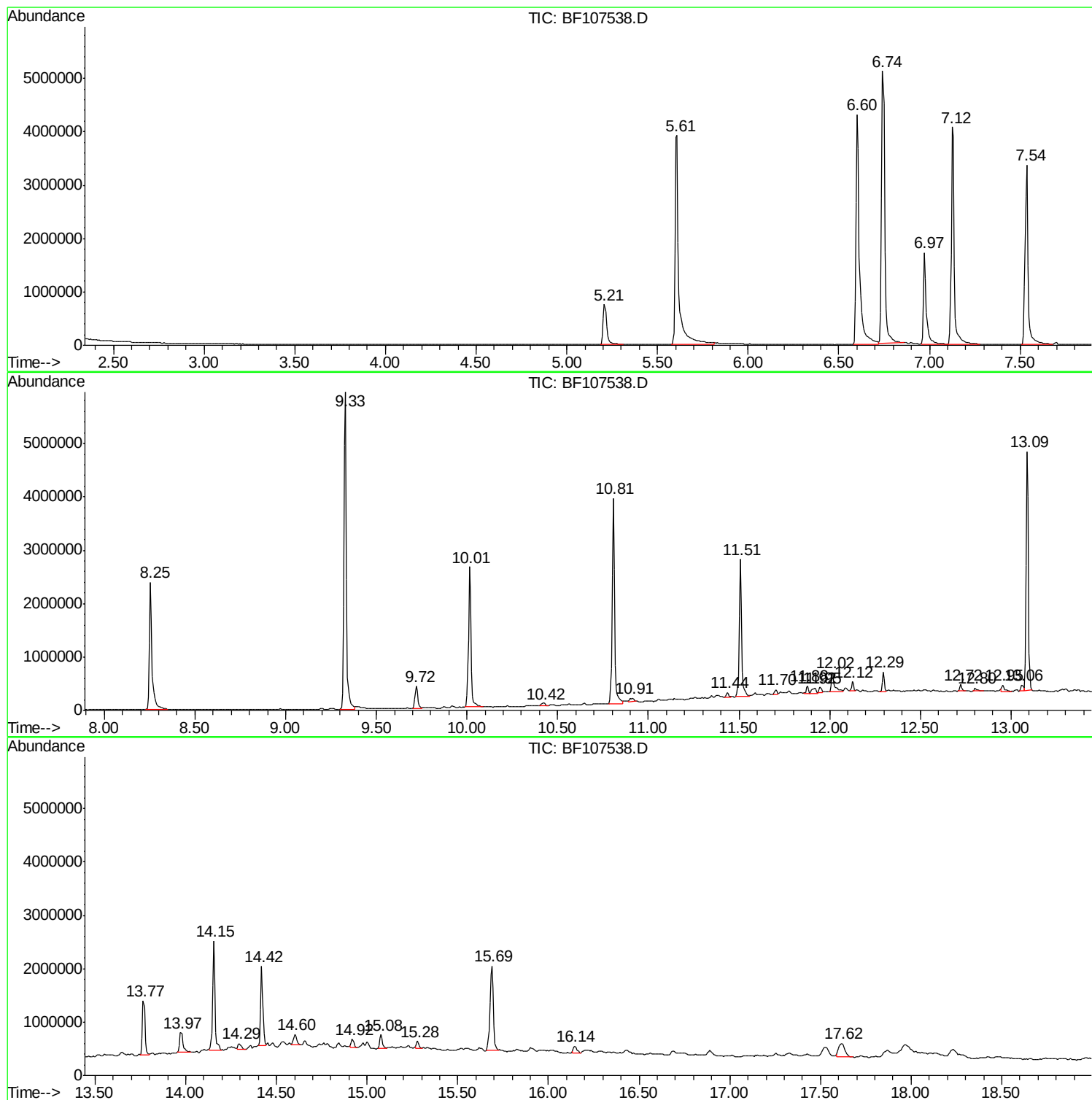
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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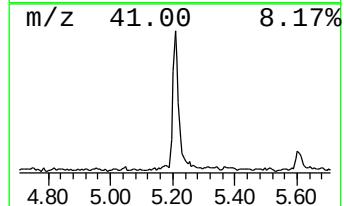
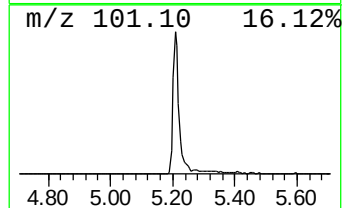
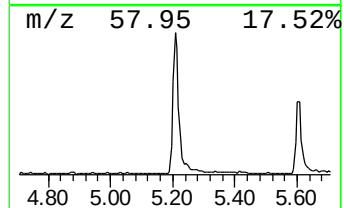
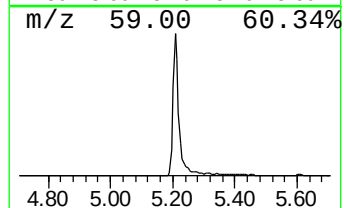
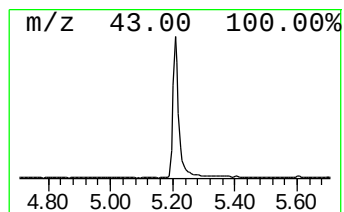
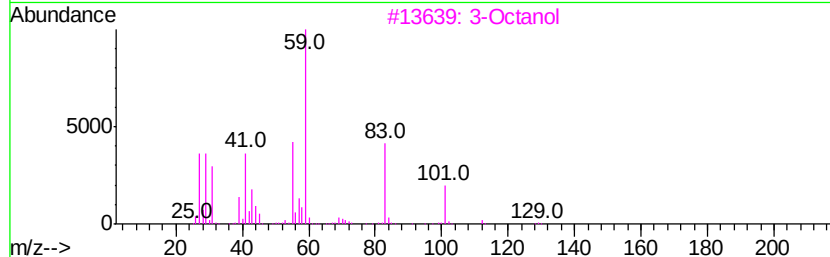
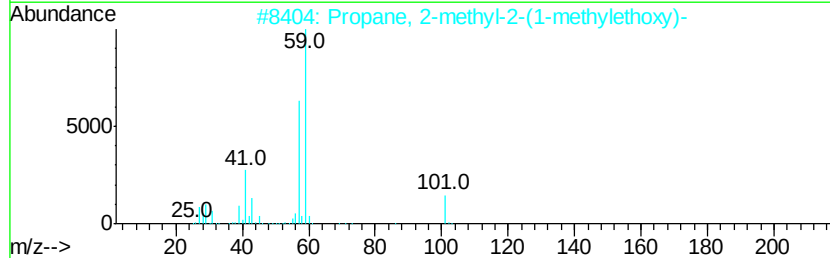
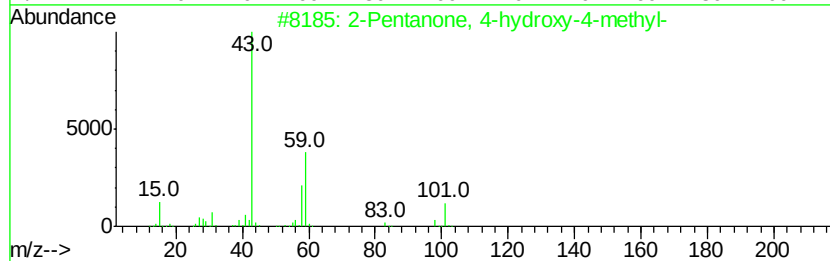
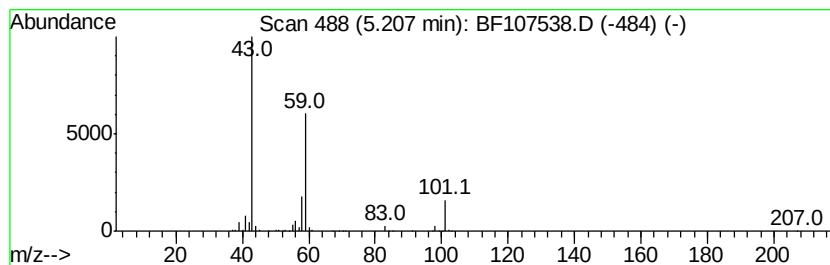
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	9.83 ng	963845	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3			3-Octanol	130	C8H18O	000589-98-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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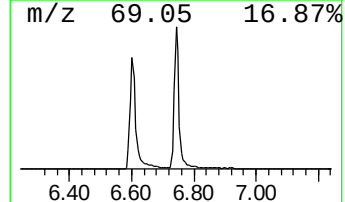
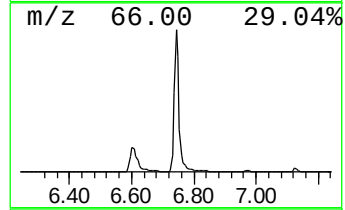
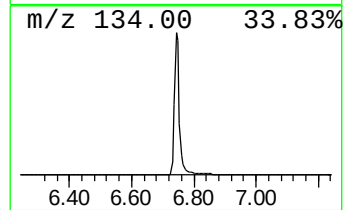
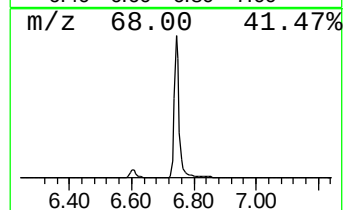
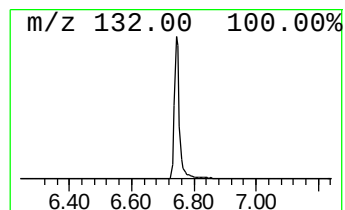
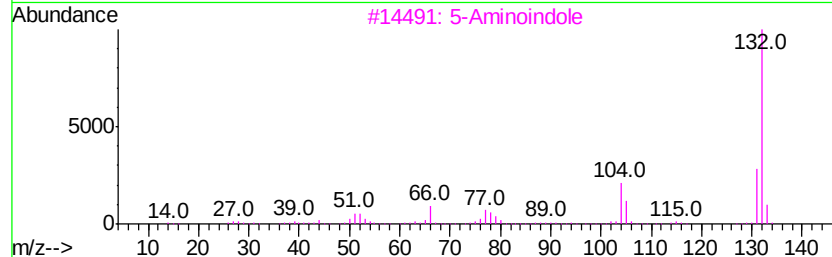
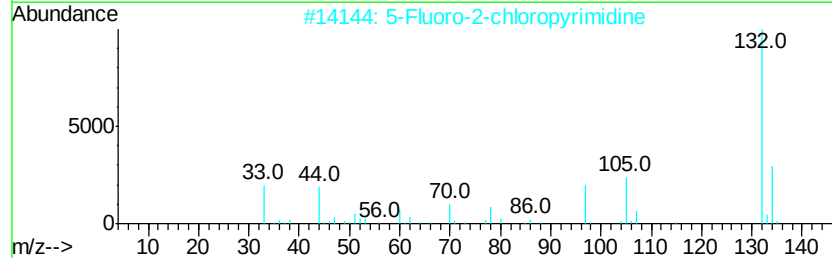
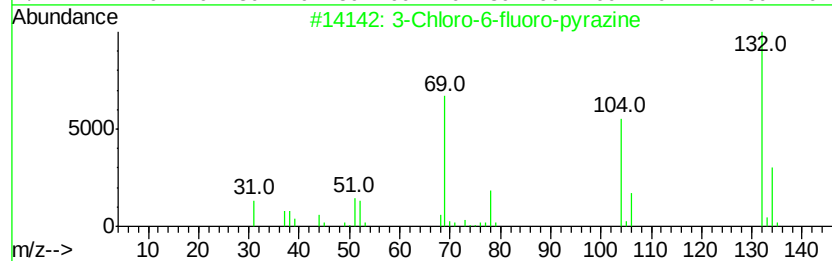
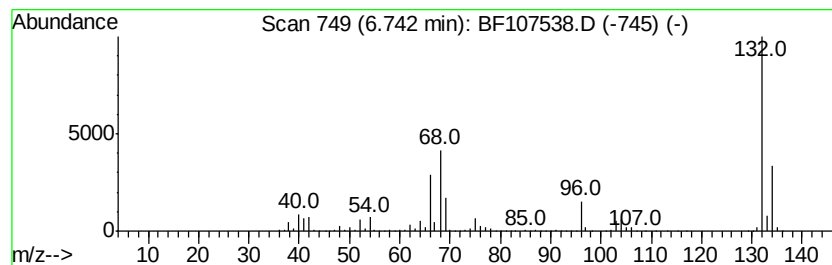
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	59.77 ng	5863110	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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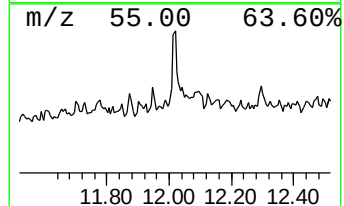
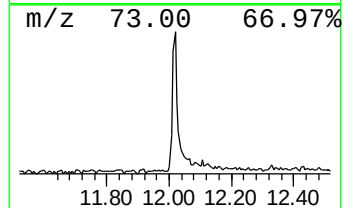
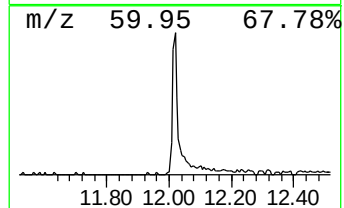
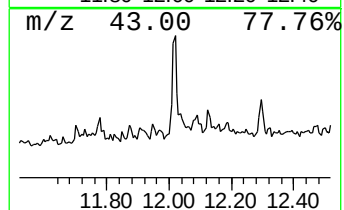
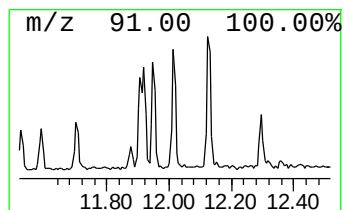
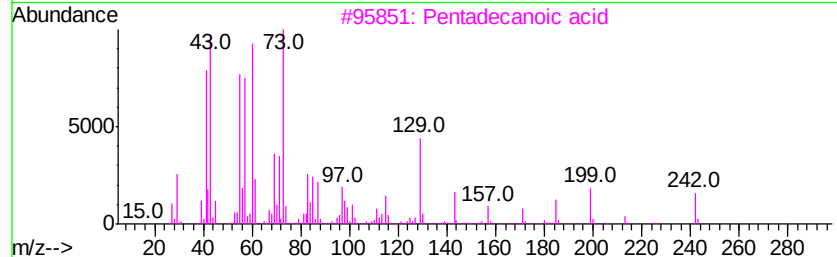
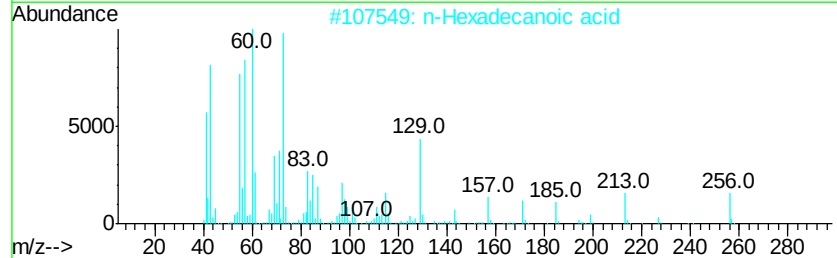
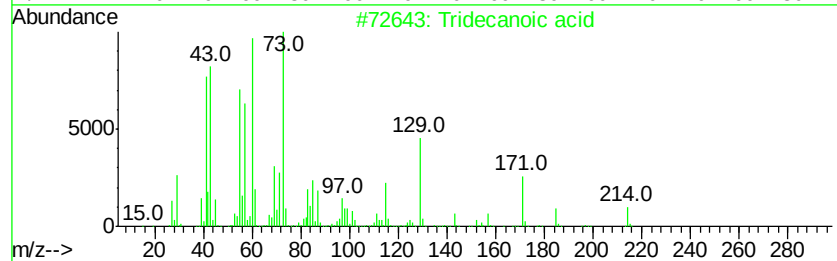
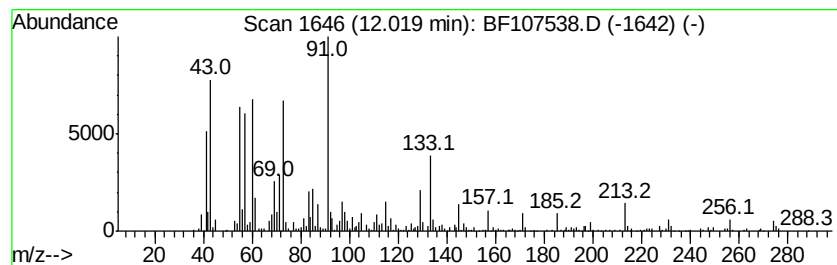
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.82 ng	474479	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	41
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	35



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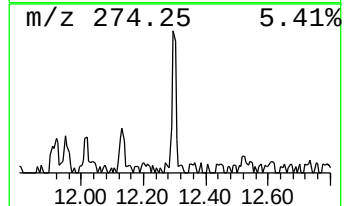
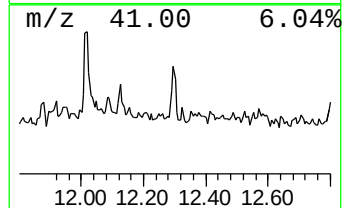
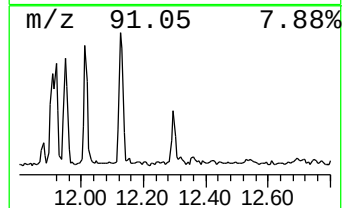
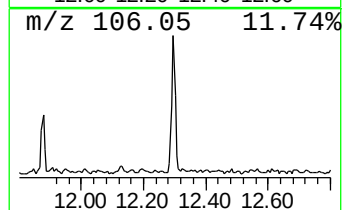
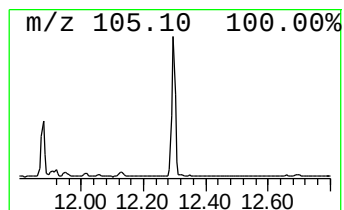
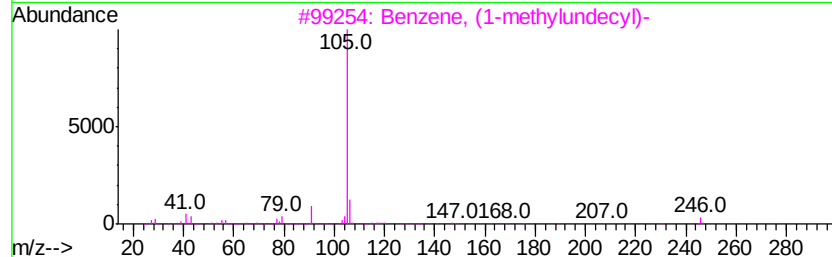
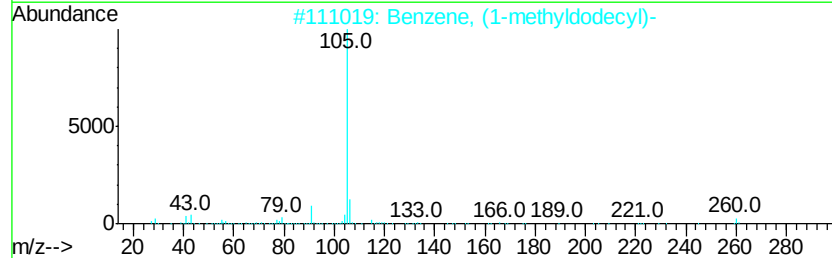
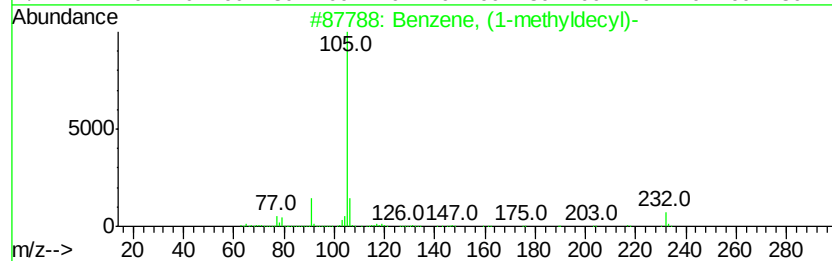
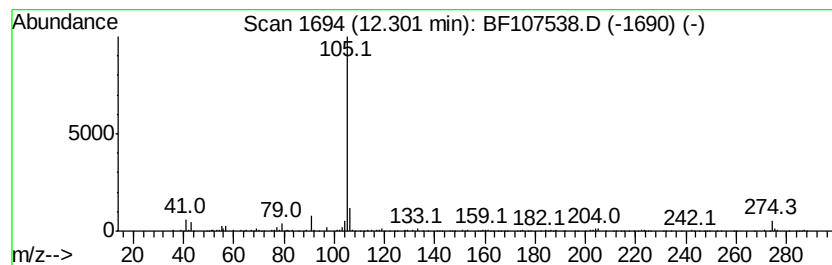
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methyldecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.42 ng	300331	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
2		Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
4		Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64
5		Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	58



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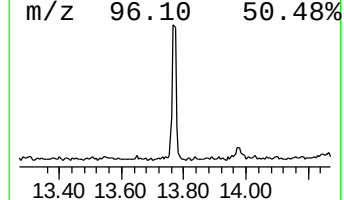
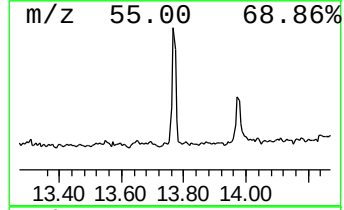
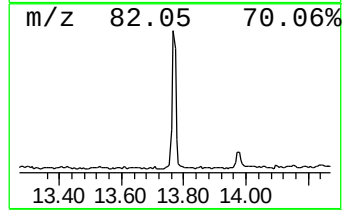
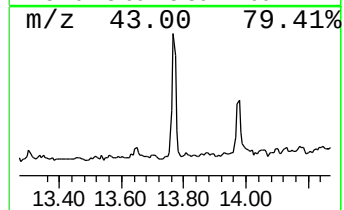
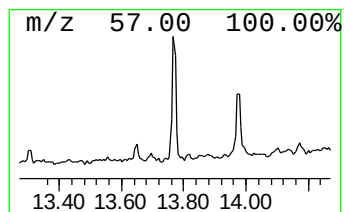
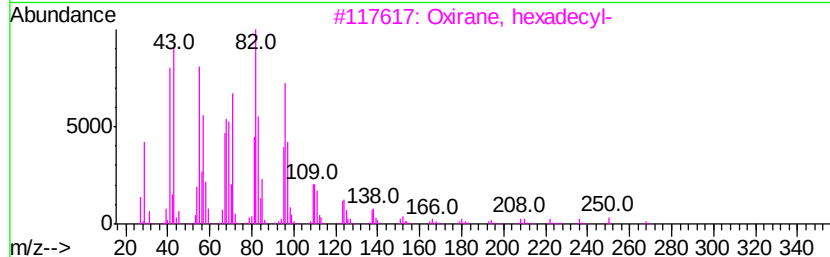
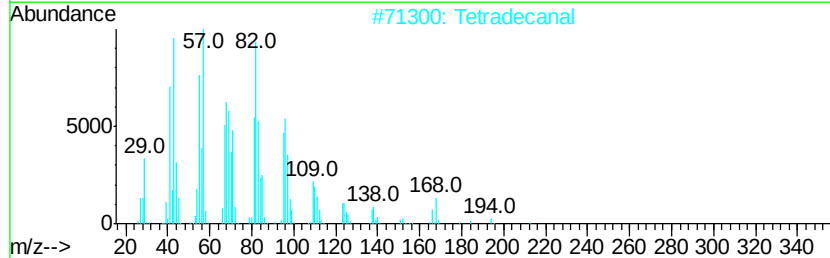
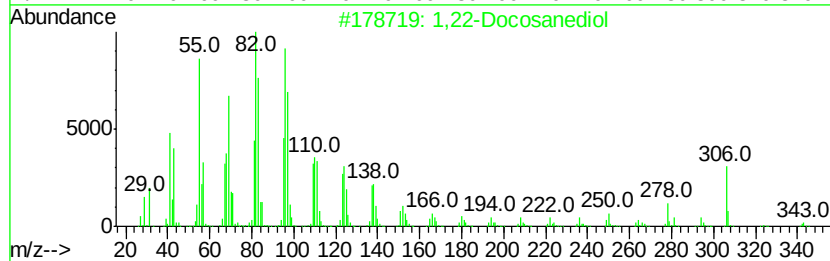
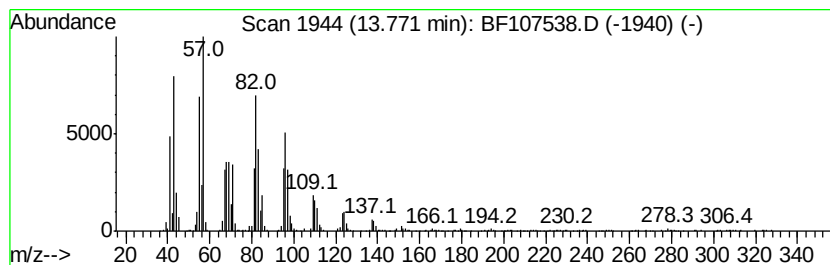
Instrument :
BNA_F
ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,22-Docosanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	9.07 ng	923345	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	93
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Pentadecanal-	226	C15H30O	002765-11-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107538.D
Acq On : 20 Jul 2018 21:51
Operator : JU/SJ
Sample : J4057-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-4

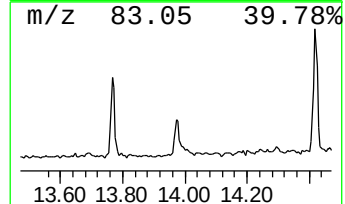
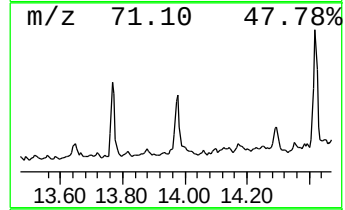
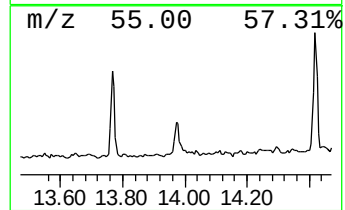
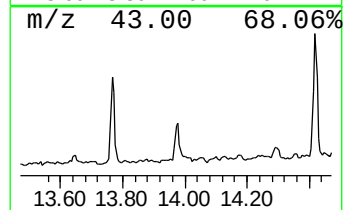
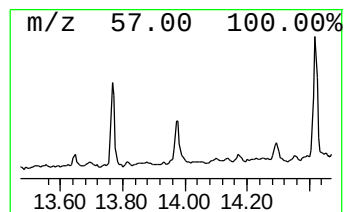
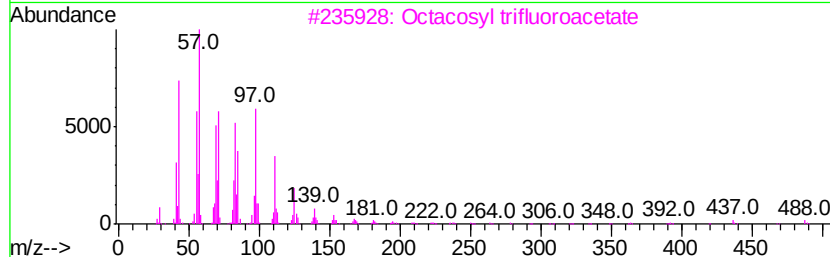
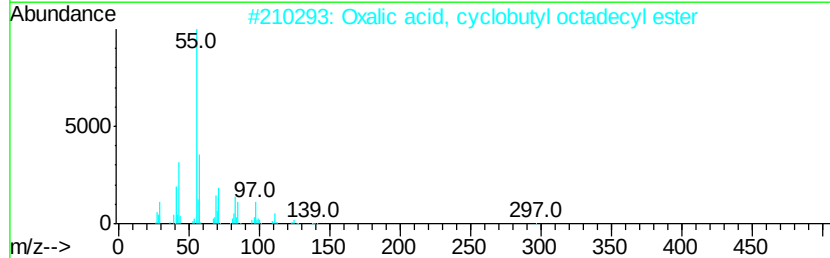
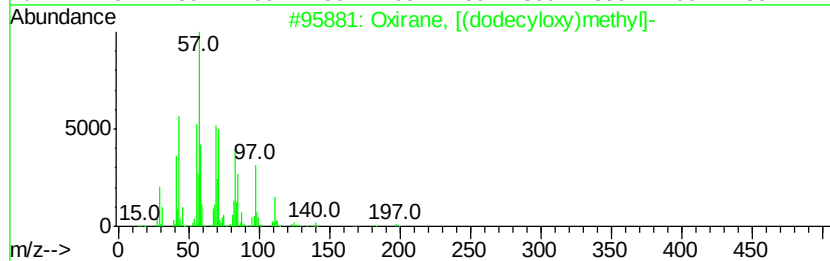
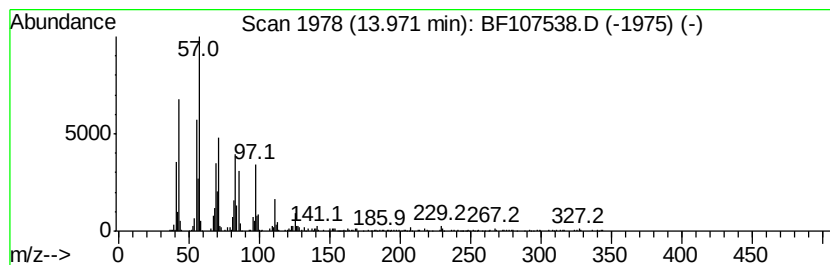
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.24 ng	431316	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2		Oxalic acid, cyclobutyl octadecyl...	396	C24H44O4	1000309-70-8	91
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107538.D
Acq On : 20 Jul 2018 21:51
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ClientSampleId :
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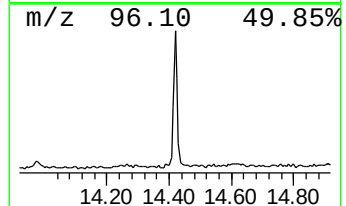
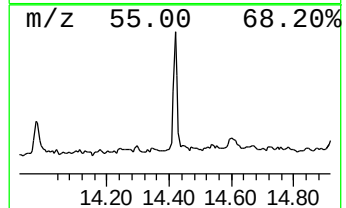
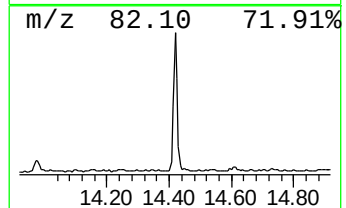
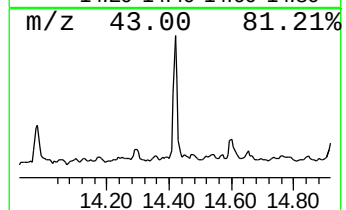
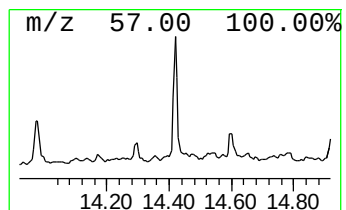
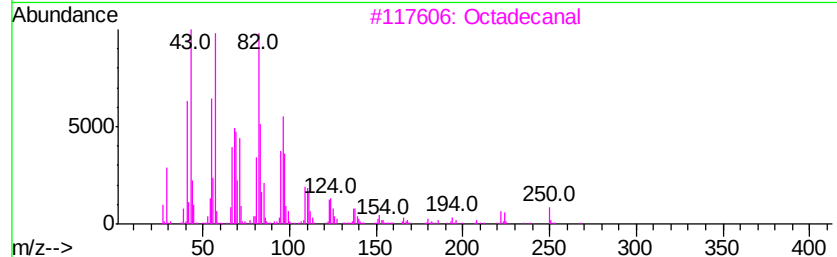
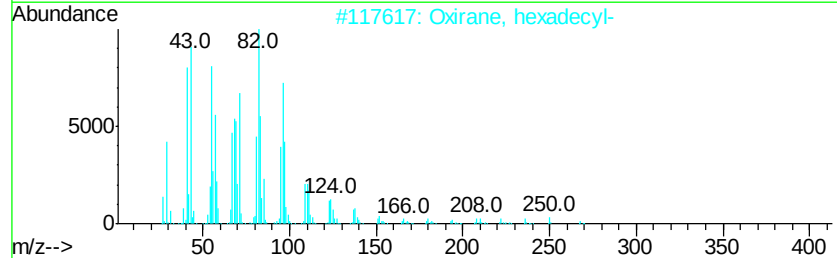
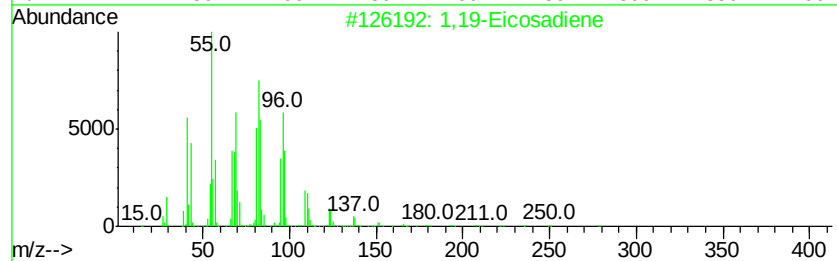
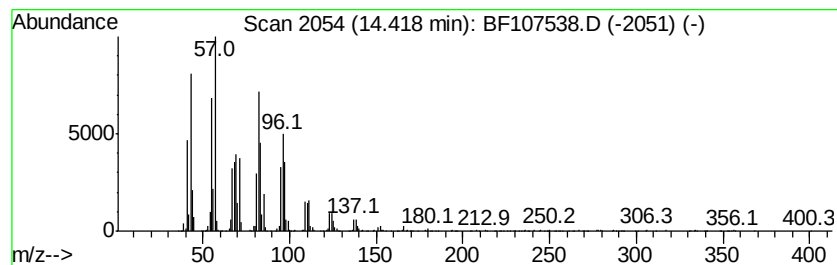
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	12.26 ng	1248060	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107538.D
Acq On : 20 Jul 2018 21:51
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Sample : J4057-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
LS-SOIL-4

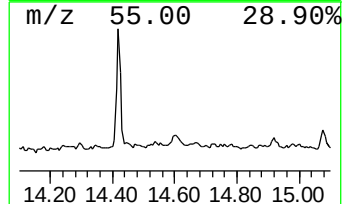
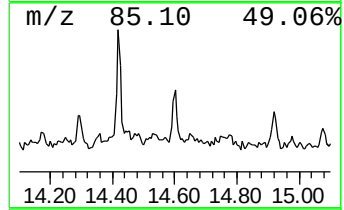
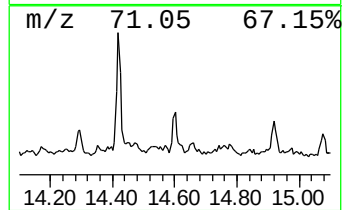
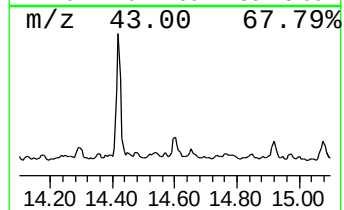
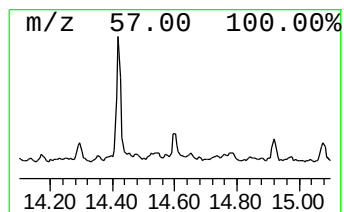
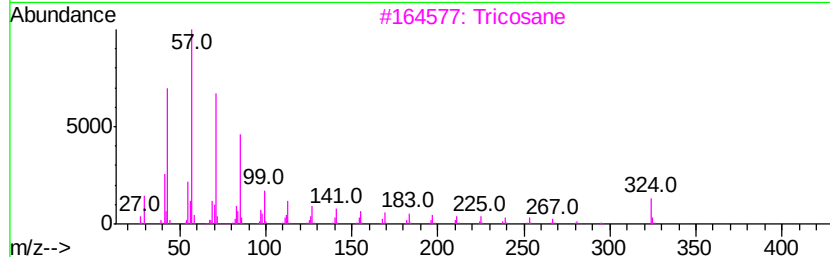
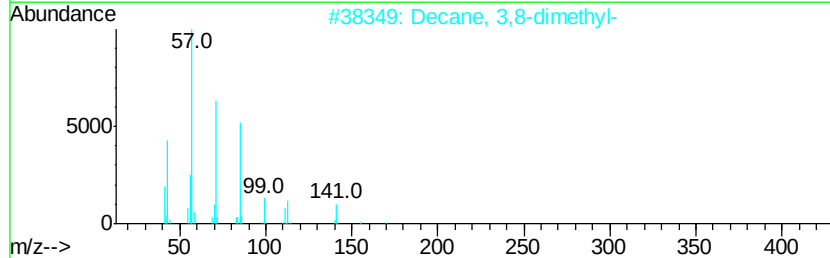
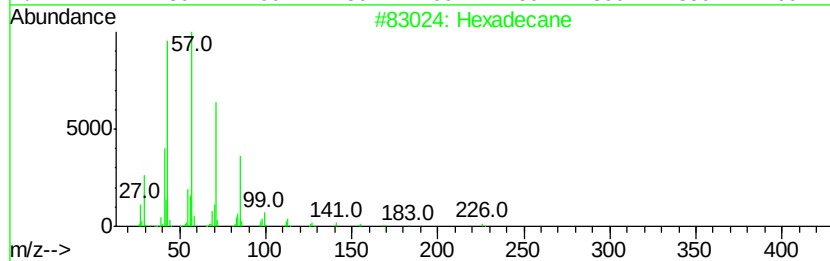
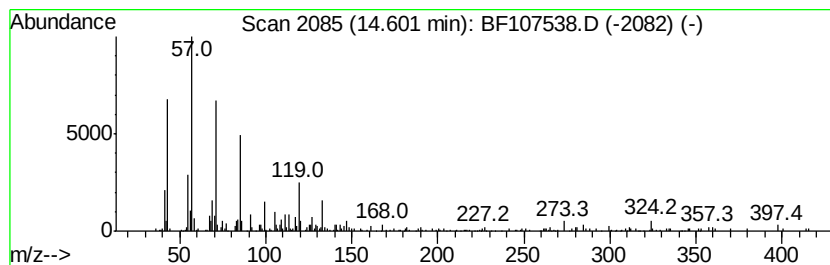
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.34 ng	237999	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	64
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	64
3	Tricosane		324	C23H48	000638-67-5	62
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	60
5	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107538.D
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Operator : JU/SJ
Sample : J4057-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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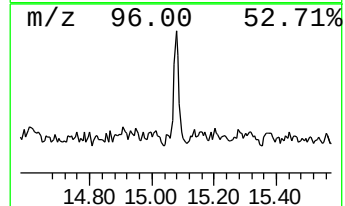
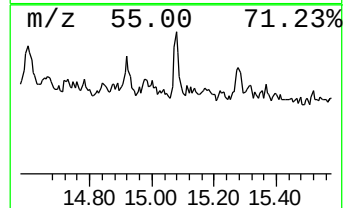
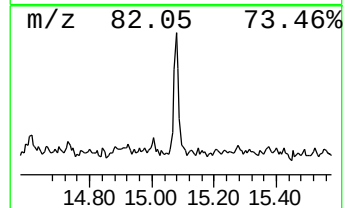
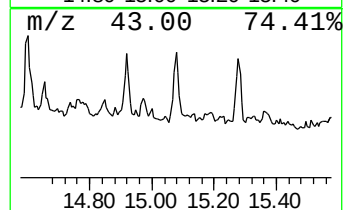
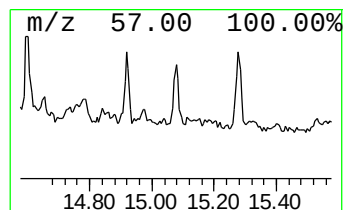
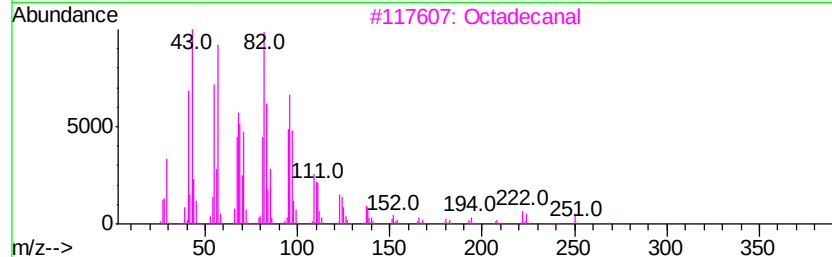
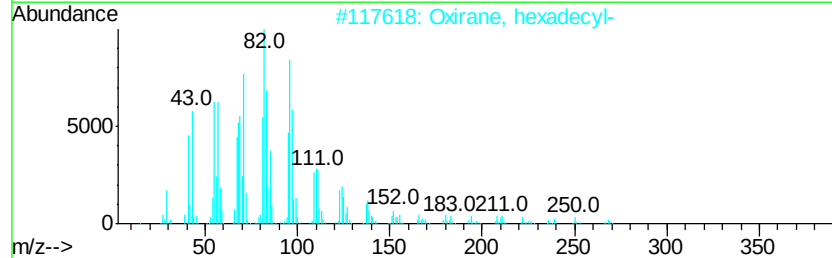
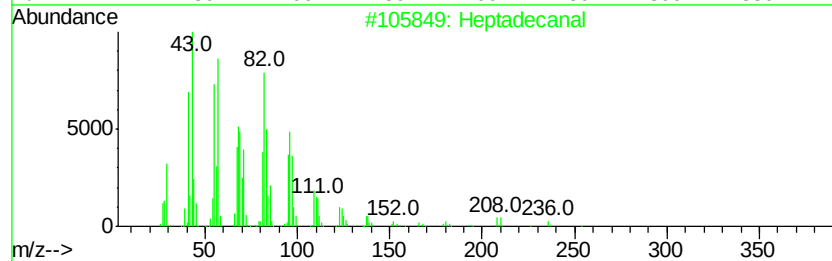
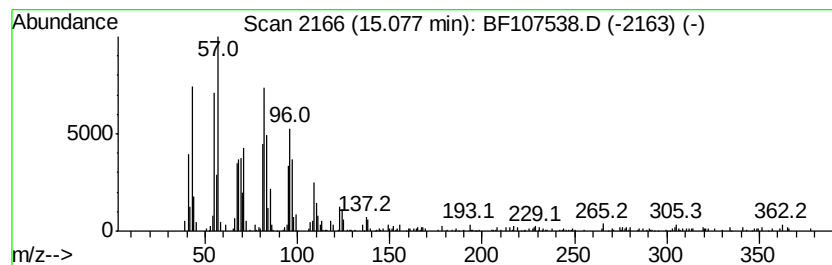
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.39 ng	261539	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecanal	254	C17H34O	1000376-70-0	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	86
5			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Misc :
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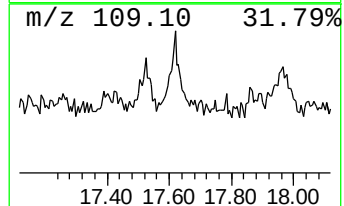
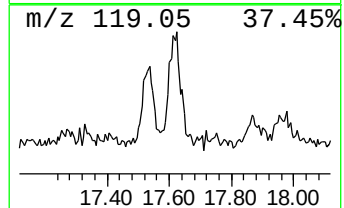
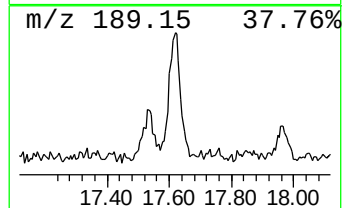
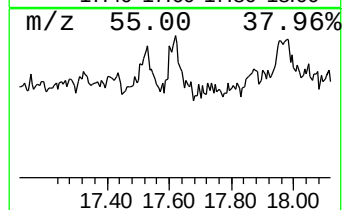
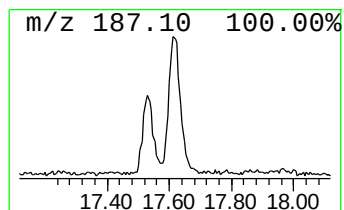
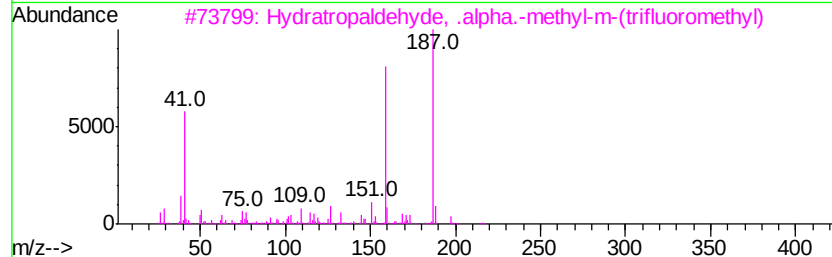
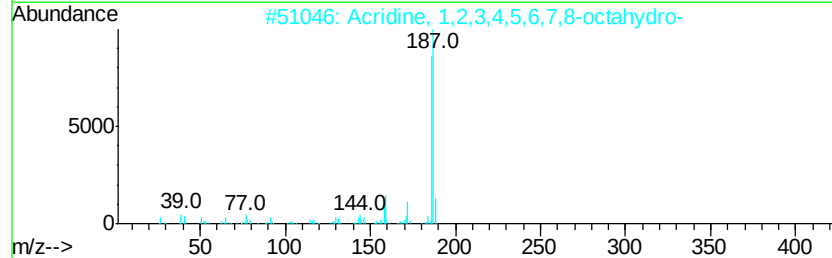
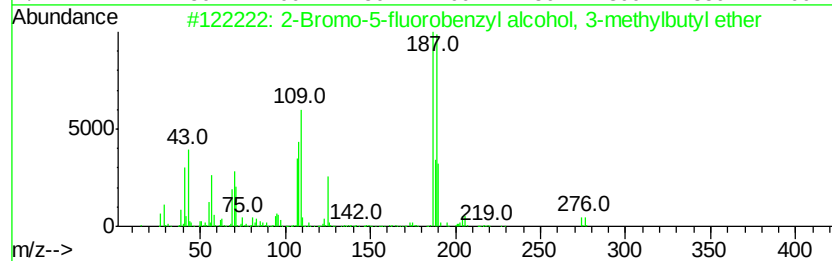
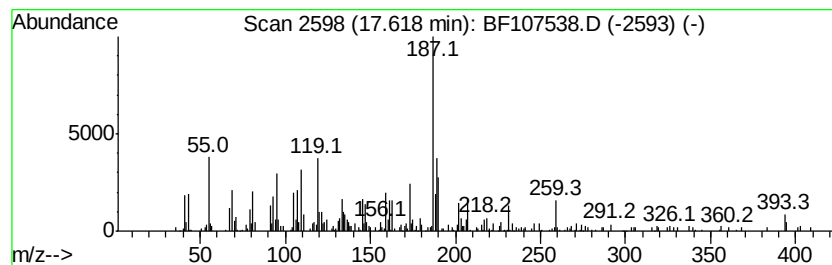
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	5.68 ng	621101	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo-5-fluorobenzyl alcohol, ...	274	C12H16BrFO	1000375-22-3	43
2			Acridine, 1,2,3,4,5,6,7,8-octahy...	187	C13H17N	001658-08-8	38
3			Hydratropaldehyde, .alpha.-methy...	216	C11H11F3O	032454-18-5	38
4			Benzene, 1-(3-ethenyl-3,7-dimeth...	270	C19H26O	010309-44-1	38
5			2-Bromo-5-fluorobenzyl alcohol, ...	274	C12H16BrFO	1000375-22-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.74	6.74	59.8	ng	5863110	1	6.97	1961940	20.0
Tridecanoic acid	12.02	3.8	ng	474479	4	11.51	2481740	20.0
Benzene, (1-methy...	12.30	2.4	ng	300331	4	11.51	2481740	20.0
1,22-Docosanediol	13.77	9.1	ng	923345	5	14.15	2035250	20.0
Oxirane, [(dodecy...	13.97	4.2	ng	431316	5	14.15	2035250	20.0
1,19-Eicosadiene	14.42	12.3	ng	1248060	5	14.15	2035250	20.0
Hexadecane	14.60	2.3	ng	237999	5	14.15	2035250	20.0
Heptadecanal	15.08	2.4	ng	261539	6	15.69	2186140	20.0
unknown17.62	17.62	5.7	ng	621101	6	15.69	2186140	20.0