

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113168.D
 Acq On : 20 Mar 2019 13:48
 Operator : JU/SJ
 Sample : K1972-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-8-031519

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-BF022719.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	5.334	548	552	563	rBV	1507953	1467477	36.12%	4.709%
2	6.363	723	727	740	rVB	1141529	1095737	26.97%	3.516%
3	6.492	745	749	752	rBV	3282923	2913640	71.71%	9.350%
4	6.722	784	788	791	rBV	800619	744276	18.32%	2.388%
5	6.875	810	814	818	rBV	2869056	2679024	65.93%	8.597%
6	7.092	845	851	854	rBV	36430	51183	1.26%	0.164%
7	7.281	878	883	886	rBV	2073533	2040402	50.22%	6.548%
8	7.751	958	963	969	rBV	61452	78872	1.94%	0.253%
9	8.004	1002	1006	1009	rBV	906502	902972	22.22%	2.898%
10	8.357	1063	1066	1075	rBV2	49635	82961	2.04%	0.266%
11	8.928	1158	1163	1169	rBV4	47692	82070	2.02%	0.263%
12	9.033	1178	1181	1184	rVB	66292	59226	1.46%	0.190%
13	9.081	1184	1189	1192	rBV	4425767	4063174	100.00%	13.039%
14	9.469	1252	1255	1257	rBV2	43805	47485	1.17%	0.152%
15	9.751	1299	1303	1307	rBV	1335798	1154162	28.41%	3.704%
16	10.104	1360	1363	1367	rVB	46966	45083	1.11%	0.145%
17	10.539	1433	1437	1449	rBV	2980065	3076007	75.70%	9.871%
18	11.104	1529	1533	1536	rBV	457463	381539	9.39%	1.224%
19	11.163	1540	1543	1546	rVB	164241	126994	3.13%	0.408%
20	11.233	1551	1555	1558	rBV	1267413	1202835	29.60%	3.860%
21	11.774	1642	1647	1653	rBV	882809	878220	21.61%	2.818%
22	12.174	1713	1715	1718	rVB2	54816	50226	1.24%	0.161%
23	12.557	1776	1780	1789	rBV	670342	755622	18.60%	2.425%
24	12.816	1819	1824	1827	rBV	4028188	3913501	96.32%	12.559%
25	13.857	1998	2001	2005	rBV	767818	804023	19.79%	2.580%
26	14.033	2029	2031	2034	rBV	123600	141358	3.48%	0.454%
27	14.339	2081	2083	2089	rVB	243277	225990	5.56%	0.725%
28	14.633	2130	2133	2136	rBV	333783	325744	8.02%	1.045%
29	14.951	2184	2187	2191	rVB	324672	319732	7.87%	1.026%
30	15.268	2237	2241	2244	rBV	620679	762626	18.77%	2.447%
31	15.304	2244	2247	2253	rVB	311458	374580	9.22%	1.202%
32	15.710	2312	2316	2321	rBV	236697	314747	7.75%	1.010%

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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

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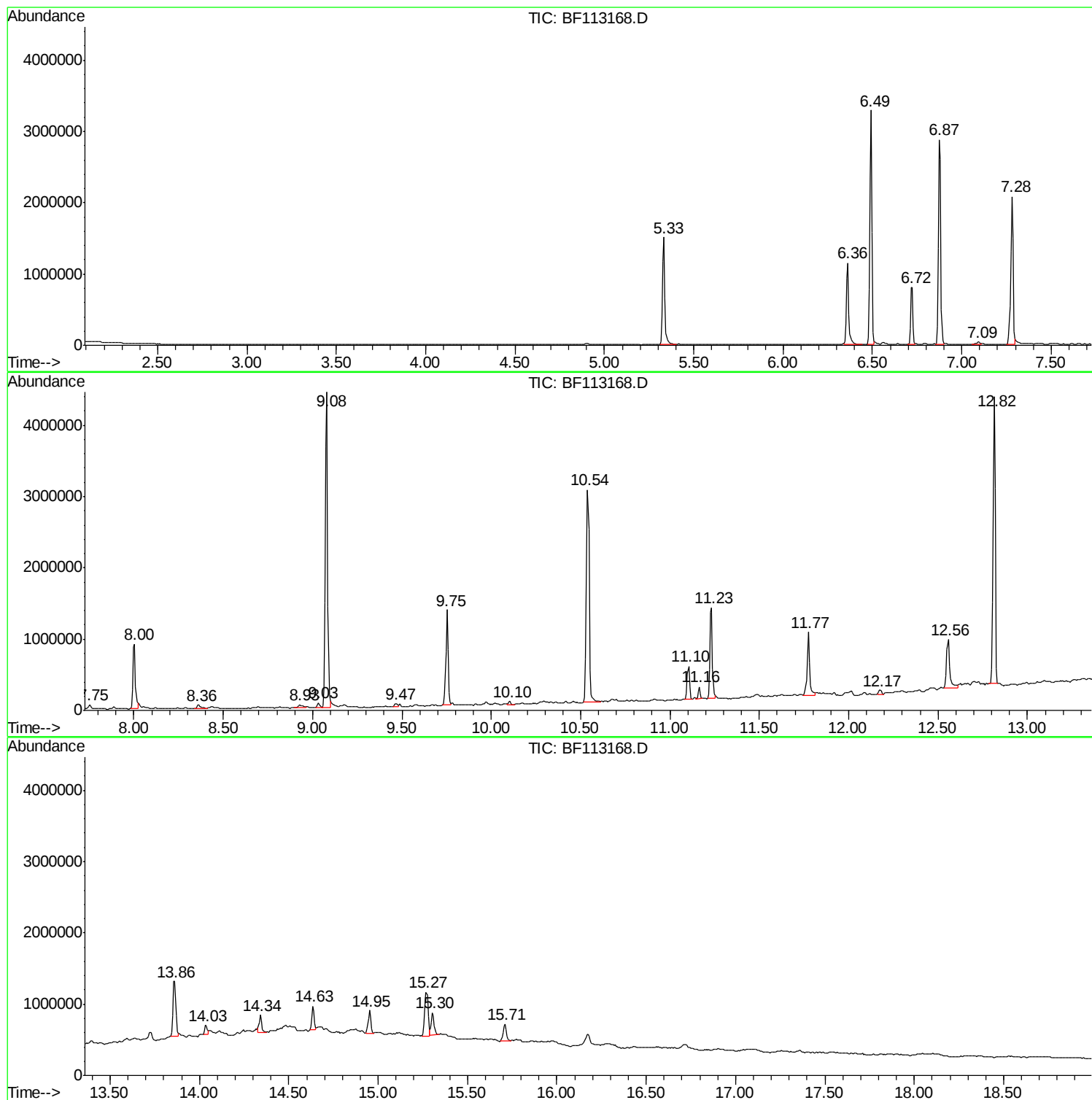
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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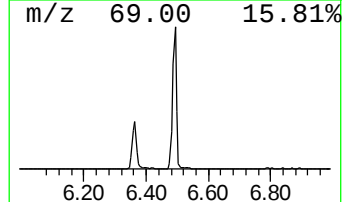
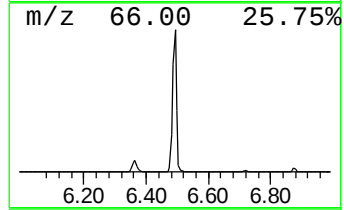
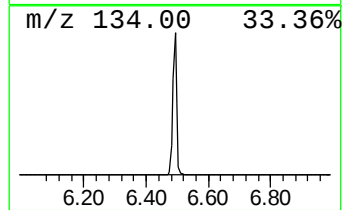
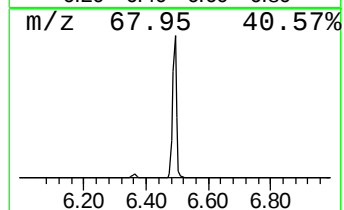
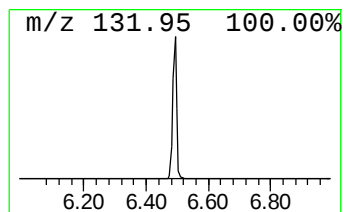
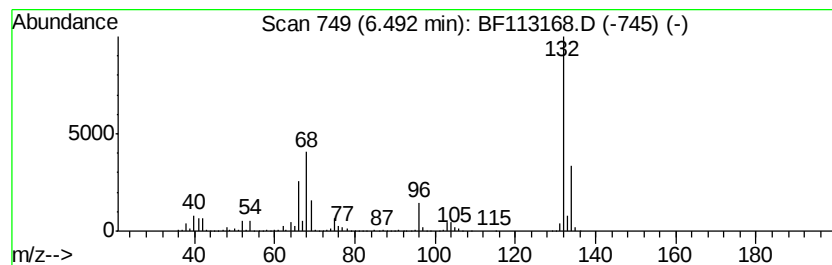
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	78.29 ng	2913640	1,4-Dichlorobenzene-d4	6.72

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	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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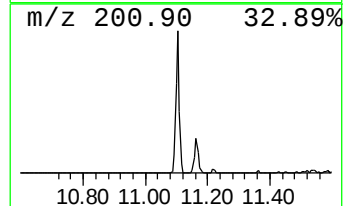
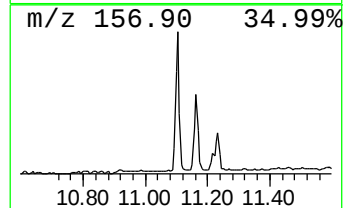
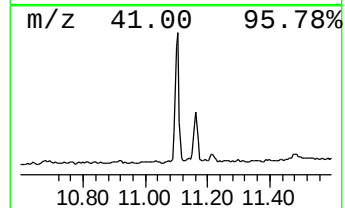
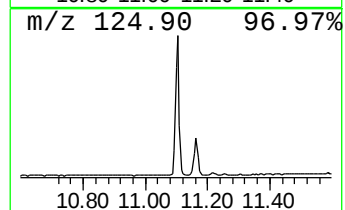
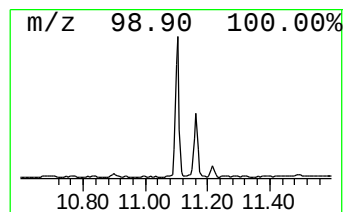
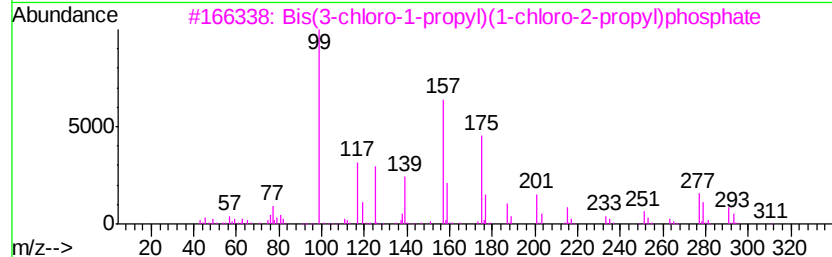
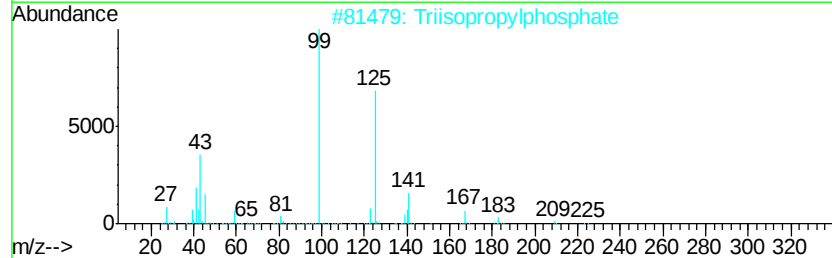
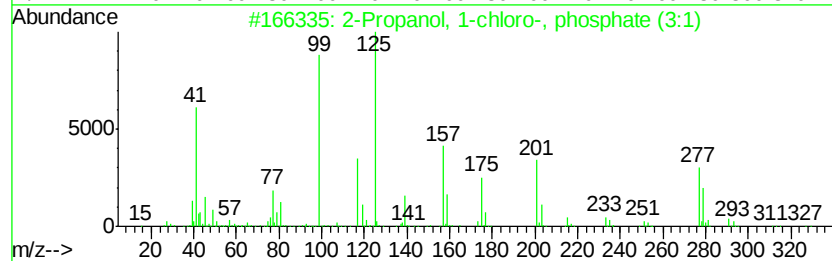
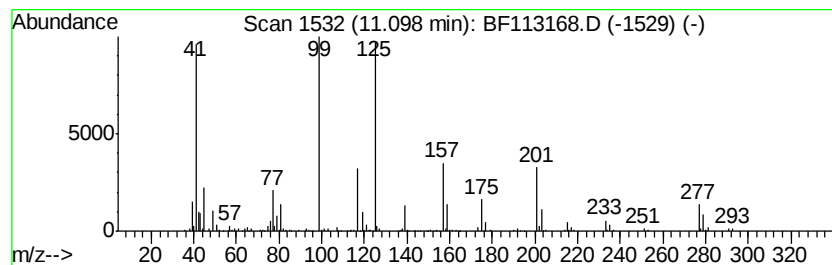
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	6.34 ng	381539	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2		Triisopropylphosphate	224	C9H21O4P	000513-02-0	23
3		Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
4		Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	16
5		Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	14



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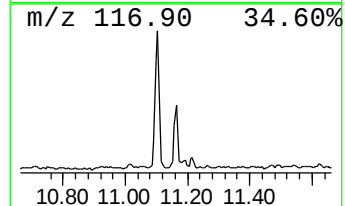
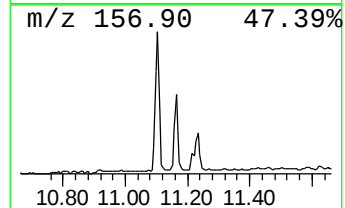
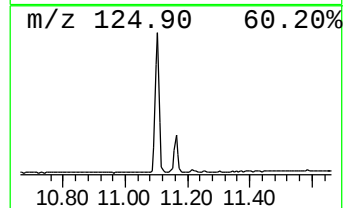
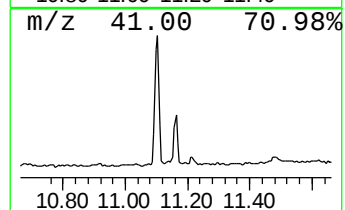
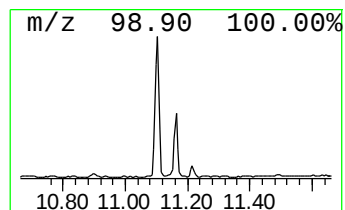
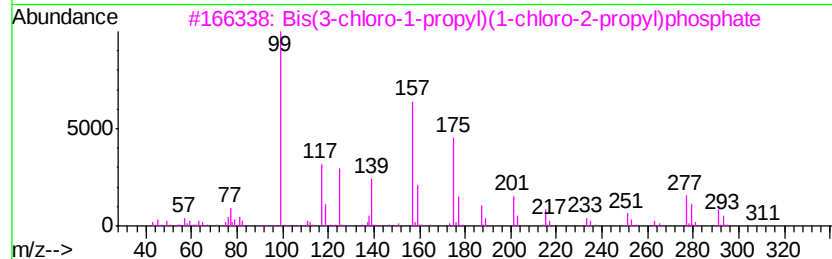
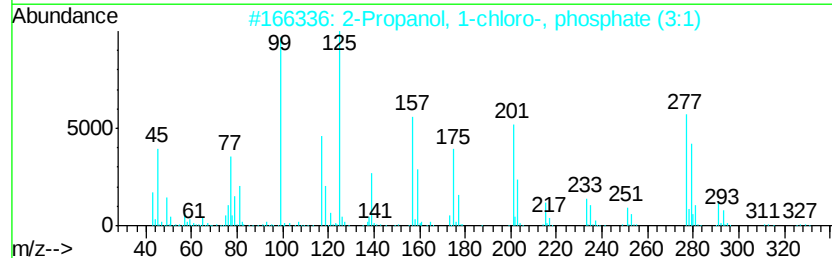
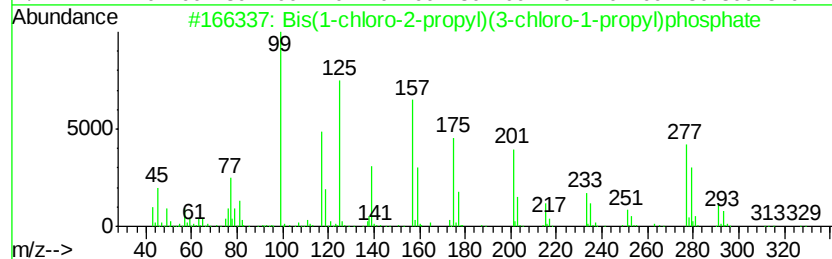
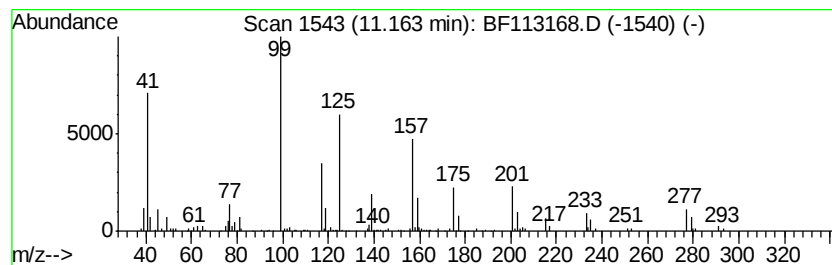
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.16	2.11 ng	126994	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	81
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	53
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	42
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10
5	Fumaric acid, allyl undecyl ester	310	C18H30O4	1000329-77-9	10



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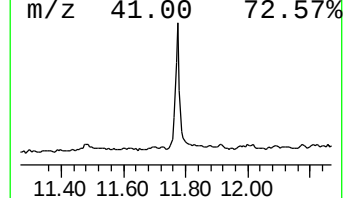
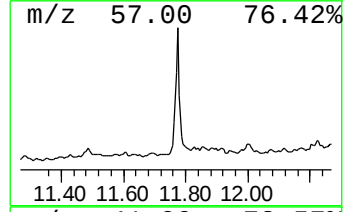
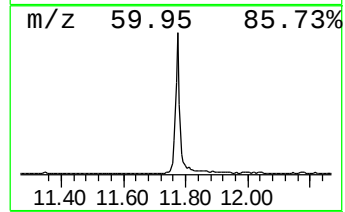
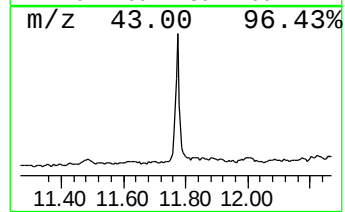
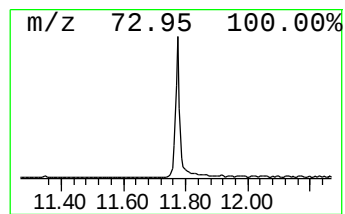
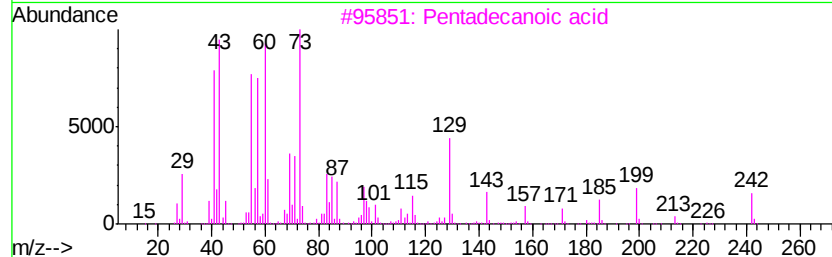
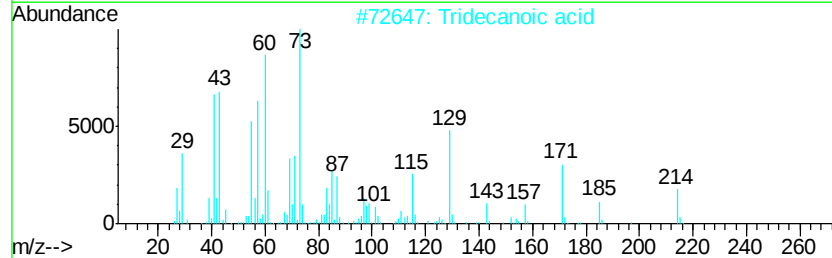
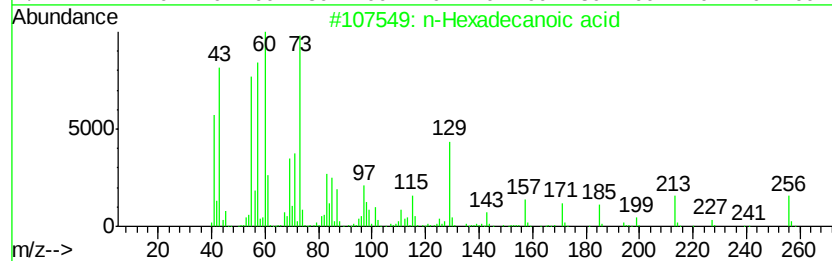
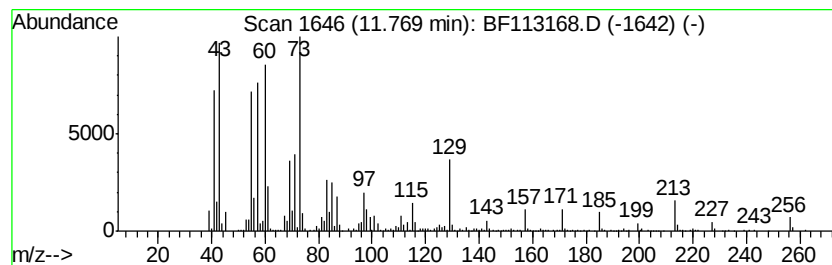
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	14.60 ng	878220	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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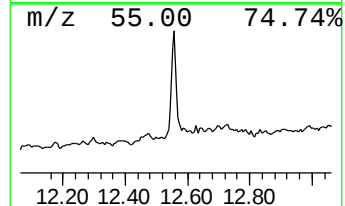
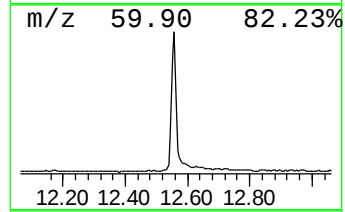
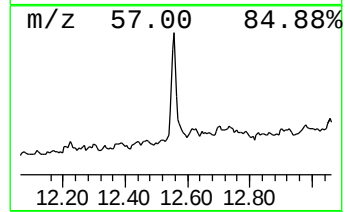
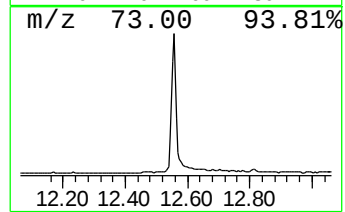
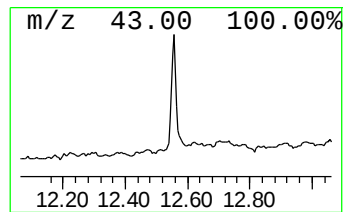
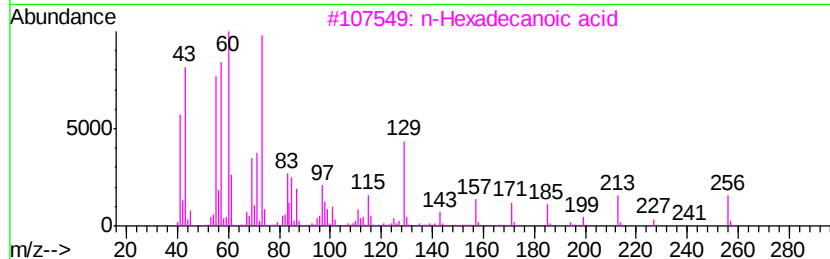
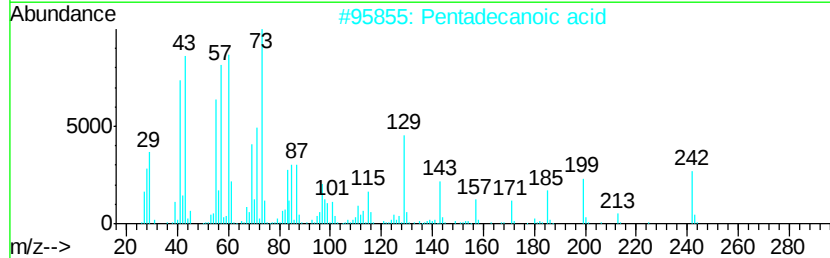
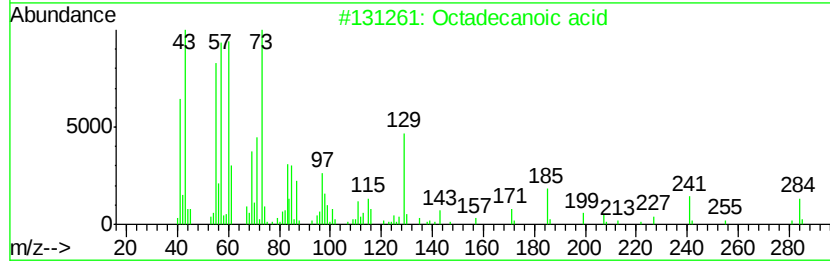
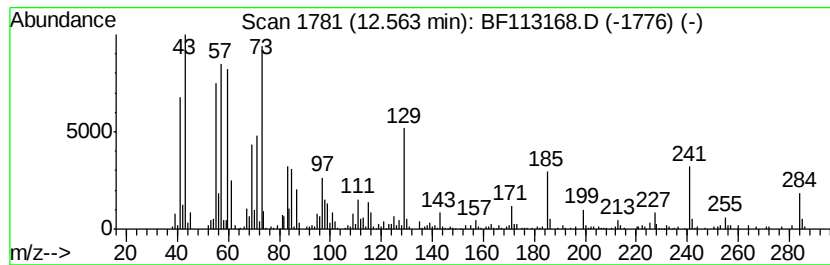
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	18.80 ng	755622	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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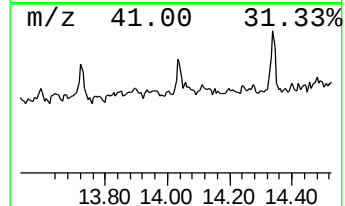
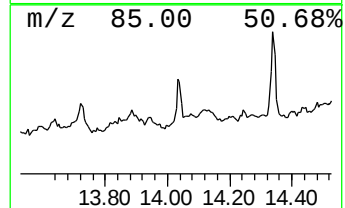
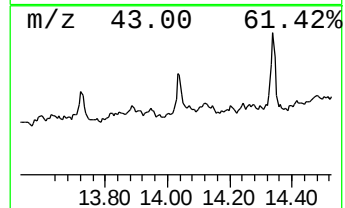
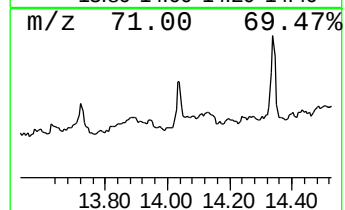
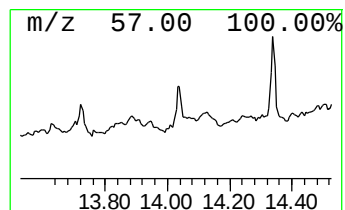
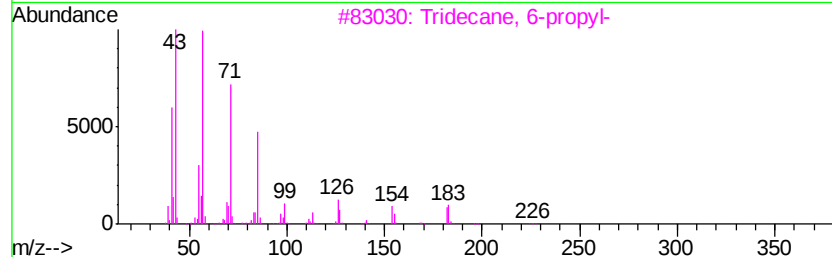
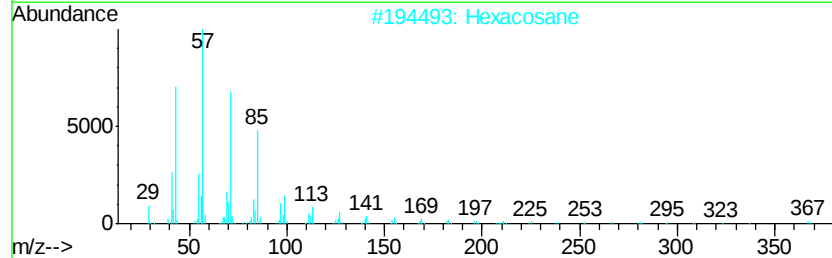
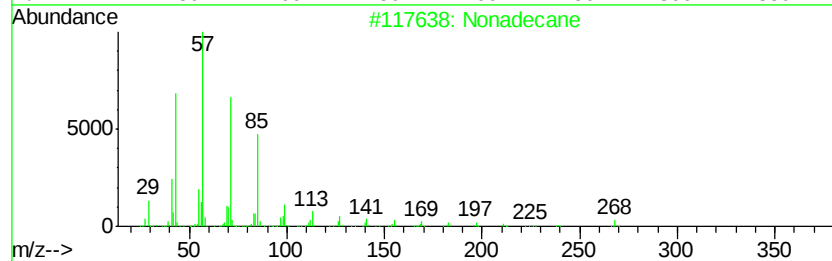
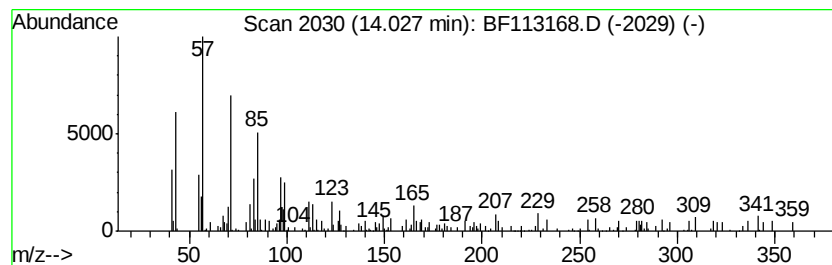
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.52 ng	141358	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113168.D
Acq On : 20 Mar 2019 13:48
Operator : JU/SJ
Sample : K1972-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-8-031519

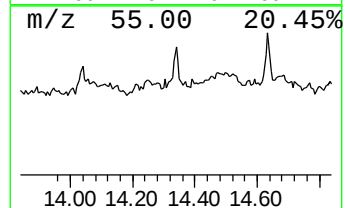
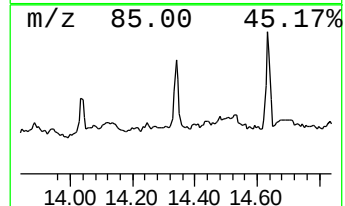
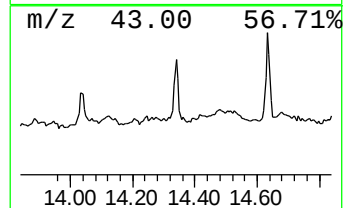
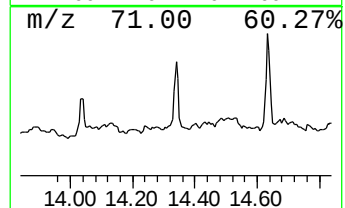
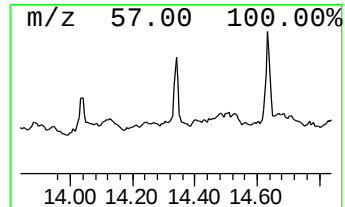
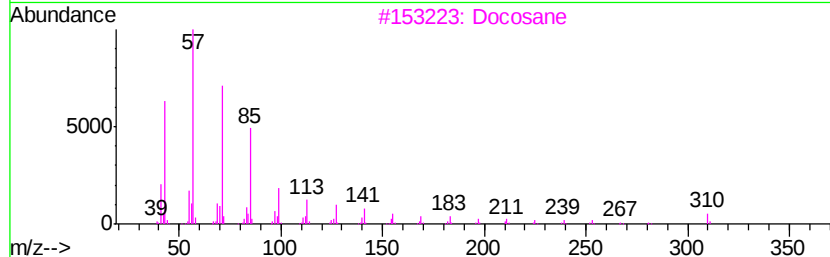
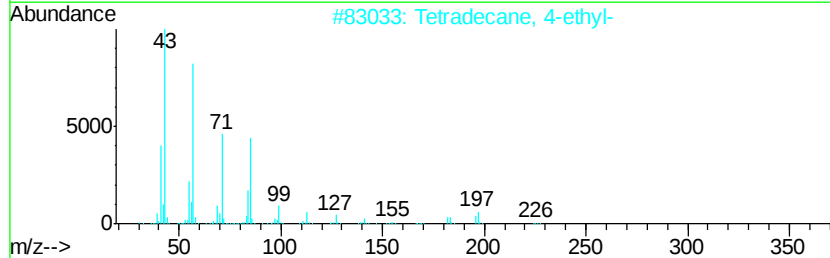
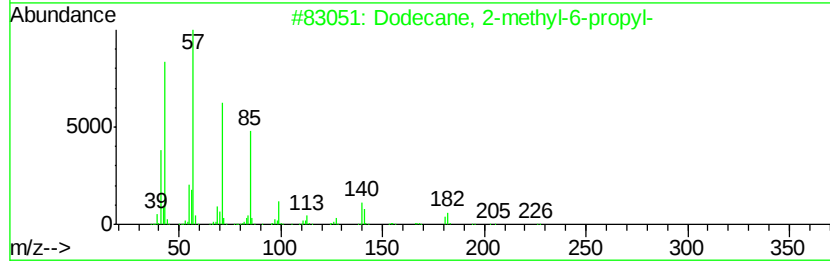
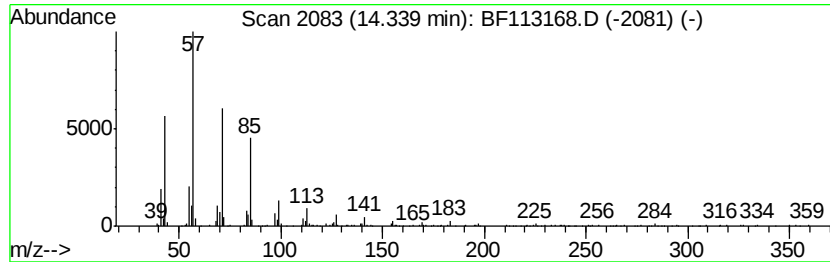
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.62 ng	225990	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93	
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91	
3	Docosane	310	C22H46	000629-97-0	91	
4	Eicosane	282	C20H42	000112-95-8	87	
5	Octadecane	254	C18H38	000593-45-3	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113168.D
Acq On : 20 Mar 2019 13:48
Operator : JU/SJ
Sample : K1972-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-8-031519

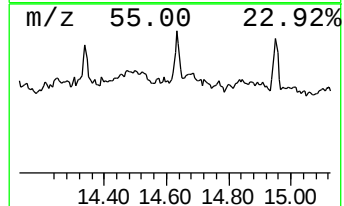
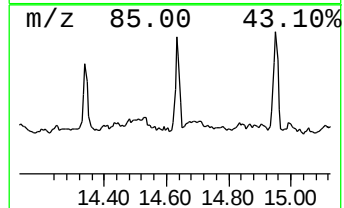
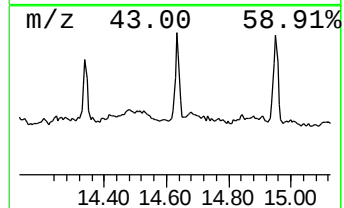
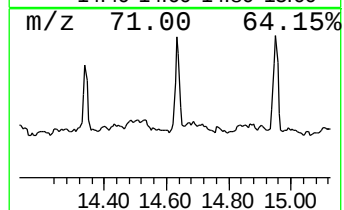
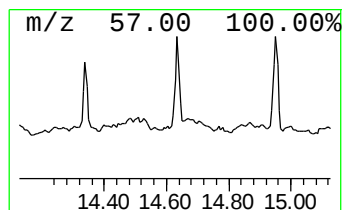
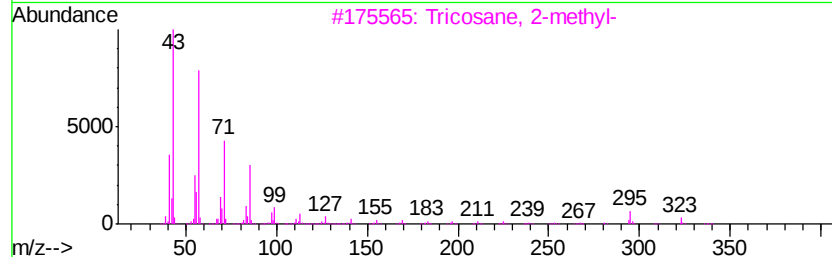
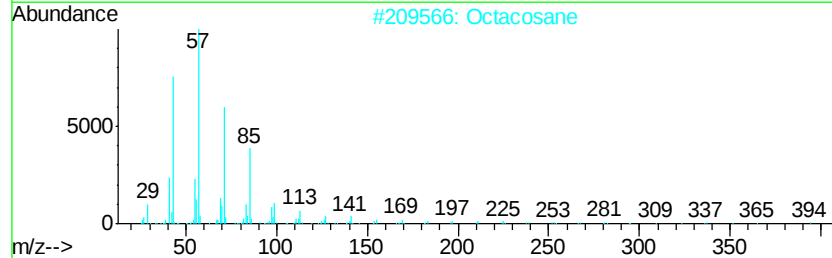
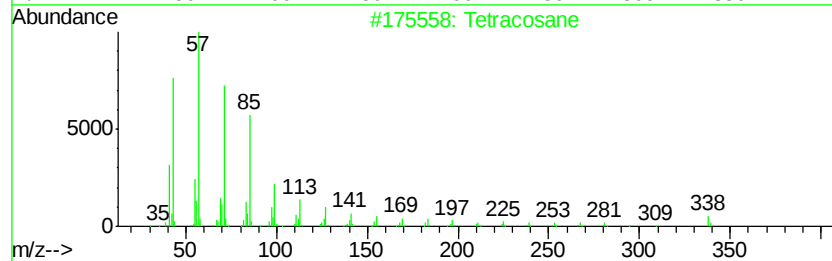
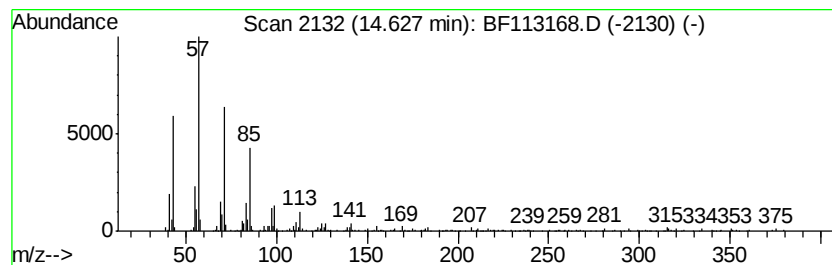
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	8.54 ng	325744	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4		Heptacosane	380	C27H56	000593-49-7	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113168.D
Acq On : 20 Mar 2019 13:48
Operator : JU/SJ
Sample : K1972-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-8-031519

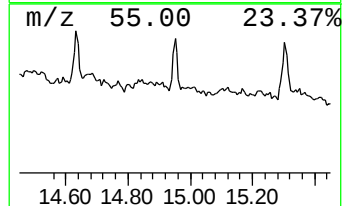
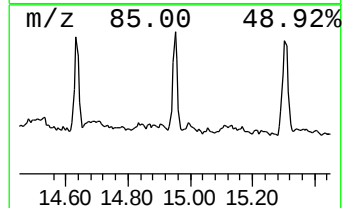
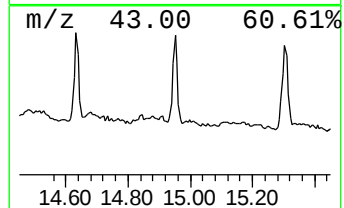
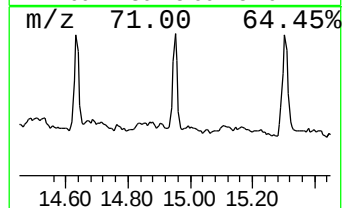
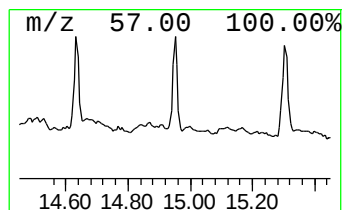
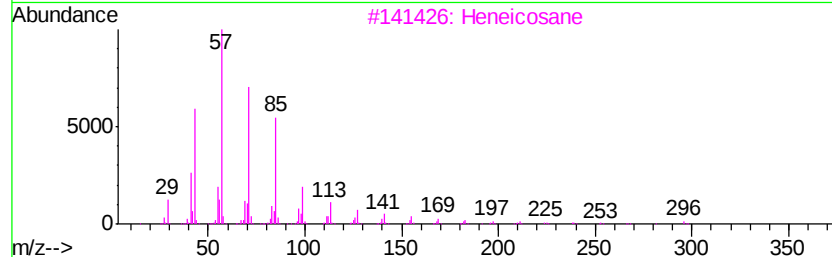
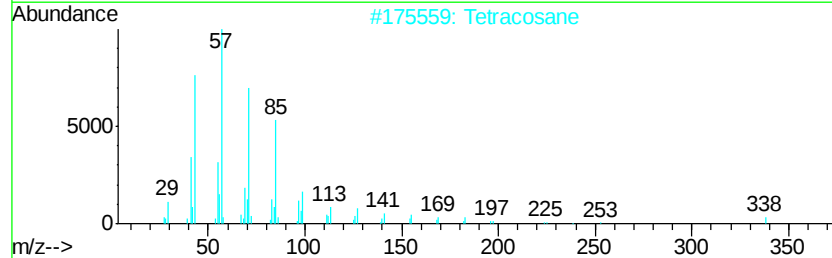
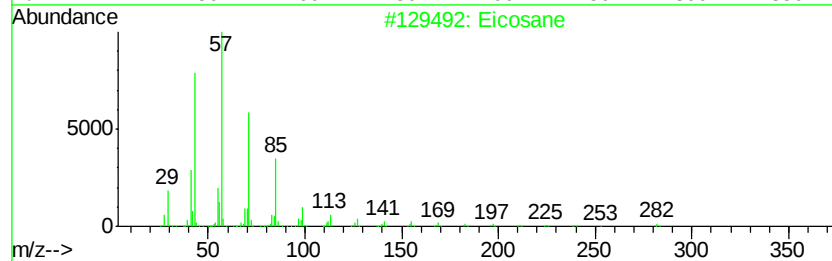
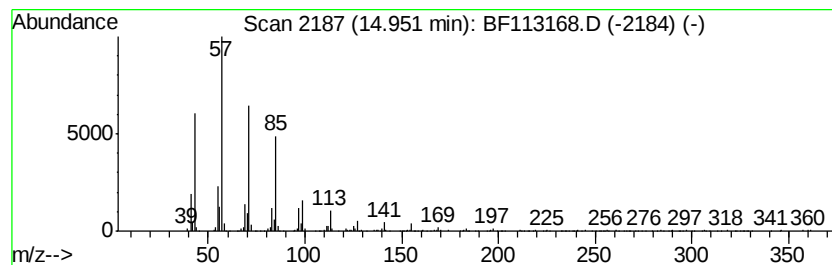
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	8.39 ng	319732	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heneicosane		296	C21H44	000629-94-7	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113168.D
Acq On : 20 Mar 2019 13:48
Operator : JU/SJ
Sample : K1972-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TW-8-031519

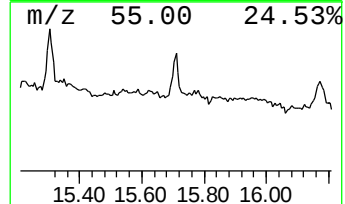
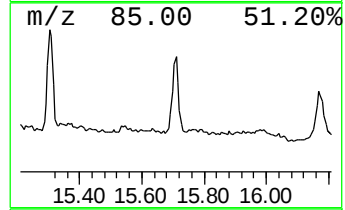
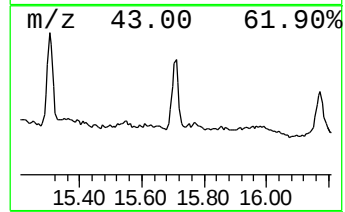
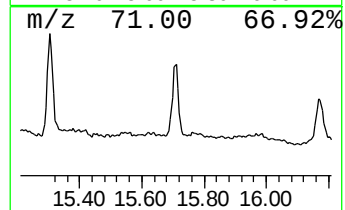
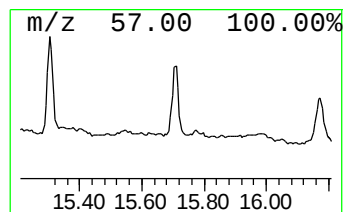
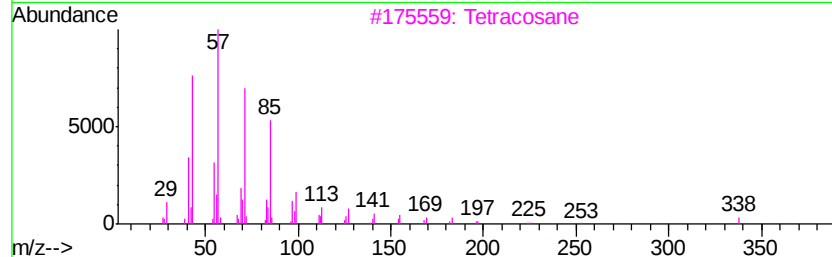
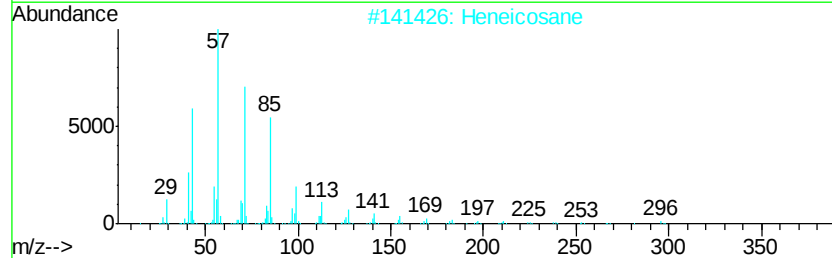
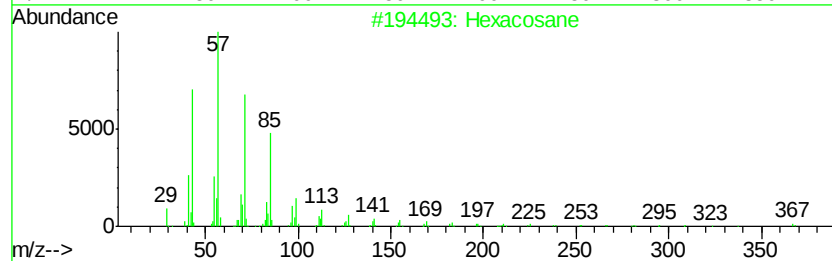
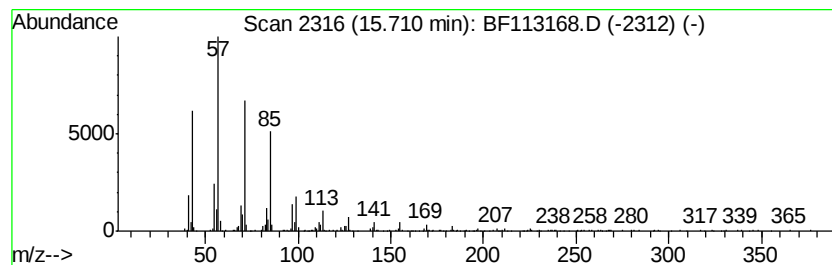
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	8.25 ng	314747	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113168.D
Acq On : 20 Mar 2019 13:48
Operator : JU/SJ
Sample : K1972-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-8-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Propanol, 1-chl...	11.10	6.3	ng	381539	4	11.23	1202840	20.0
Bis(1-chloro-2-pr...	11.16	2.1	ng	126994	4	11.23	1202840	20.0
n-Hexadecanoic acid	11.77	14.6	ng	878220	4	11.23	1202840	20.0
Octadecanoic acid	12.56	18.8	ng	755622	5	13.86	804023	20.0
Nonadecane	14.03	3.5	ng	141358	5	13.86	804023	20.0
Dodecane, 2-methy...	14.34	5.6	ng	225990	5	13.86	804023	20.0
Tetracosane	14.63	8.5	ng	325744	6	15.27	762626	20.0
Eicosane	14.95	8.4	ng	319732	6	15.27	762626	20.0
Hexacosane	15.71	8.3	ng	314747	6	15.27	762626	20.0