

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113321.D
 Acq On : 27 Mar 2019 5:41
 Operator : JU/SJ
 Sample : K2091-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

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-BF032519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.398	49	53	60	rVB3	13377	21746	1.68%	0.159%
2	5.310	545	548	572	rVB	507152	581713	45.03%	4.253%
3	6.345	720	724	742	rBV	618953	746484	57.79%	5.458%
4	6.475	742	746	753	rBV	731161	705536	54.62%	5.159%
5	6.528	753	755	757	rBV	31541	23398	1.81%	0.171%
6	6.704	781	785	793	rBV	944504	883372	68.39%	6.459%
7	6.857	808	811	824	rBV	655754	574712	44.49%	4.202%
8	7.263	874	880	887	rBV	370815	394815	30.56%	2.887%
9	7.986	999	1003	1010	rBV	1020115	1021438	79.07%	7.468%
10	8.445	1074	1081	1085	rVB8	15615	32569	2.52%	0.238%
11	8.492	1085	1089	1092	rBV4	14251	17135	1.33%	0.125%
12	8.604	1103	1108	1109	rBV4	10673	17939	1.39%	0.131%
13	8.763	1132	1135	1138	rBV4	12806	18672	1.45%	0.137%
14	8.810	1140	1143	1145	rBV3	17633	17849	1.38%	0.131%
15	9.016	1174	1178	1181	rVB4	27449	35697	2.76%	0.261%
16	9.057	1181	1185	1190	rBV	813089	756027	58.53%	5.528%
17	9.375	1236	1239	1241	rBV3	41041	53477	4.14%	0.391%
18	9.469	1249	1255	1257	rBV4	91425	145636	11.27%	1.065%
19	9.616	1275	1280	1283	rBV6	64401	146921	11.37%	1.074%
20	9.651	1283	1286	1289	rVB3	113717	122527	9.49%	0.896%
21	9.733	1295	1300	1305	rBV3	1157671	1291748	100.00%	9.445%
22	10.145	1367	1370	1372	rBV2	114162	110710	8.57%	0.809%
23	10.522	1430	1434	1438	rBV	374720	527889	40.87%	3.860%
24	10.663	1455	1458	1461	rVB	280185	256532	19.86%	1.876%
25	10.857	1488	1491	1493	rBV2	217127	212767	16.47%	1.556%
26	11.121	1534	1536	1540	rVB	272432	268649	20.80%	1.964%
27	11.216	1549	1552	1558	rVB	884143	854507	66.15%	6.248%
28	12.268	1729	1731	1734	rVB	197537	155623	12.05%	1.138%
29	12.786	1816	1819	1829	rVB	754383	807073	62.48%	5.901%
30	13.298	1904	1906	1914	rVB	117149	117014	9.06%	0.856%
31	13.839	1994	1998	2008	rVB	1172964	1212839	93.89%	8.868%
32	13.980	2019	2022	2024	rVB	84632	78254	6.06%	0.572%
33	14.315	2077	2079	2081	rVB	62474	47806	3.70%	0.350%
34	14.468	2102	2105	2111	rVB	363191	320951	24.85%	2.347%

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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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35	14.604	2126	2128	2135	rVB	185817	209116	16.19%	1.529%
36	14.921	2179	2182	2185	rVB	100716	97289	7.53%	0.711%
37	15.239	2232	2236	2240	rBV	625996	790403	61.19%	5.779%

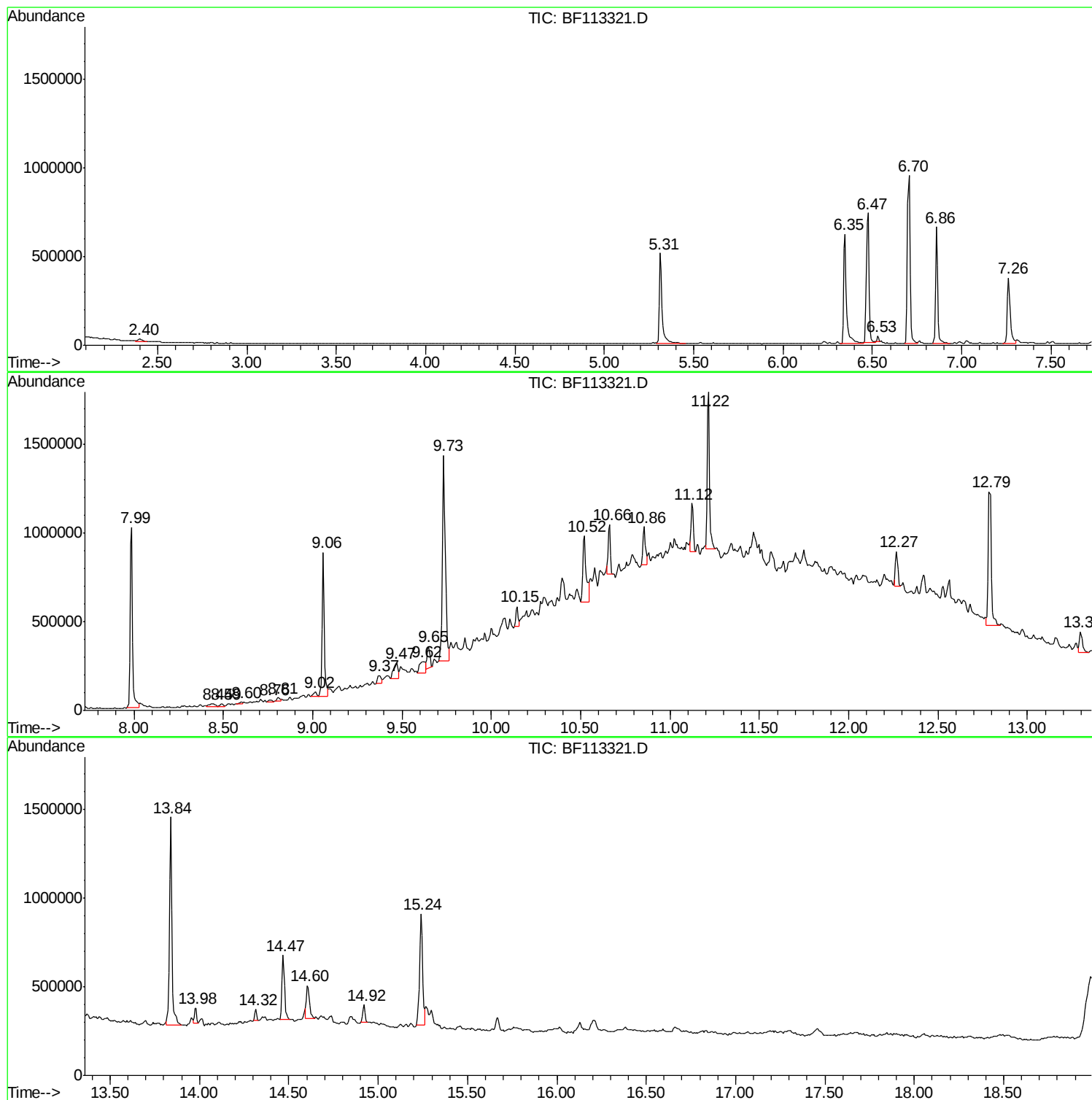
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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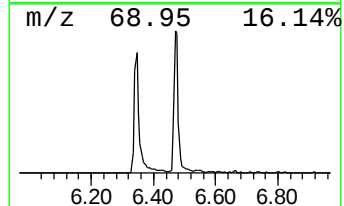
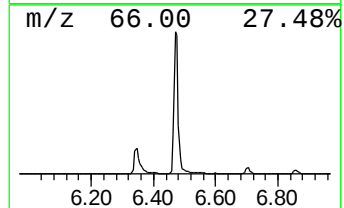
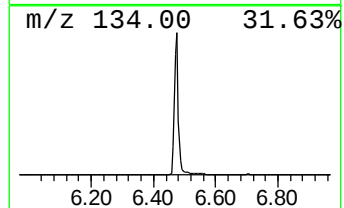
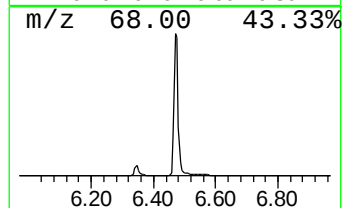
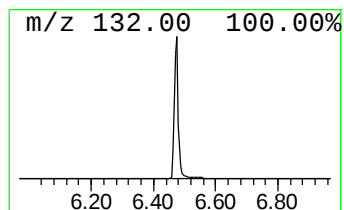
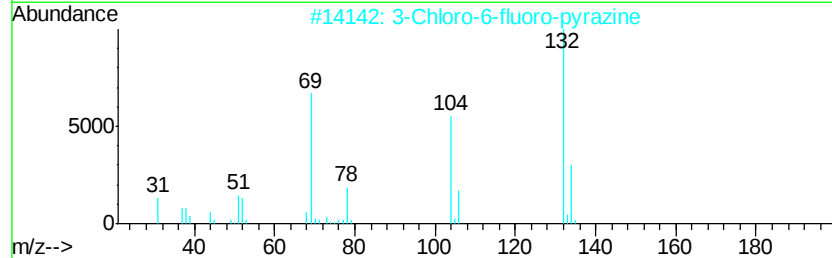
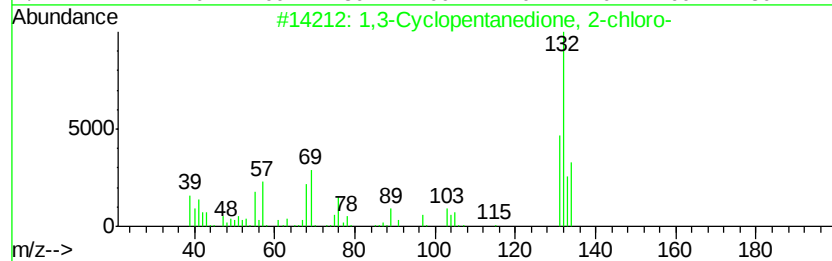
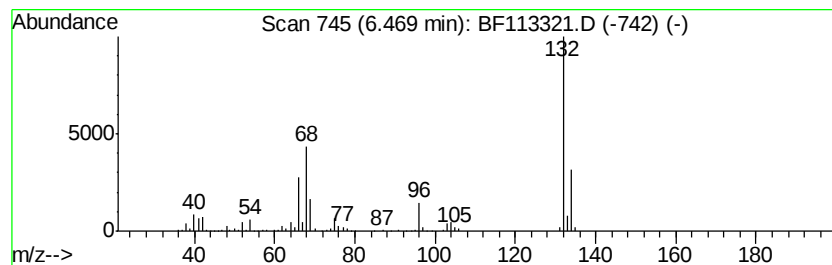
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	15.97 ng	705536	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Xenon	132	Xe	007440-63-3	9



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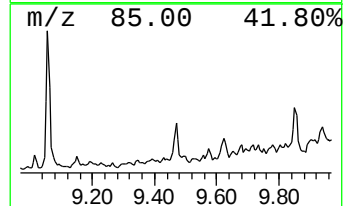
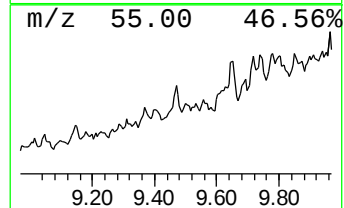
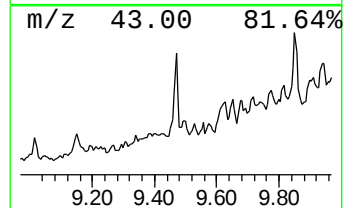
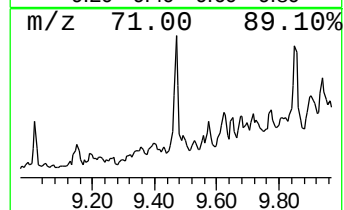
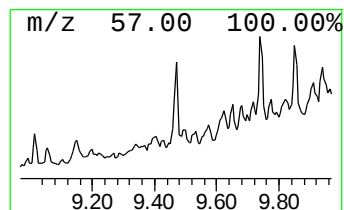
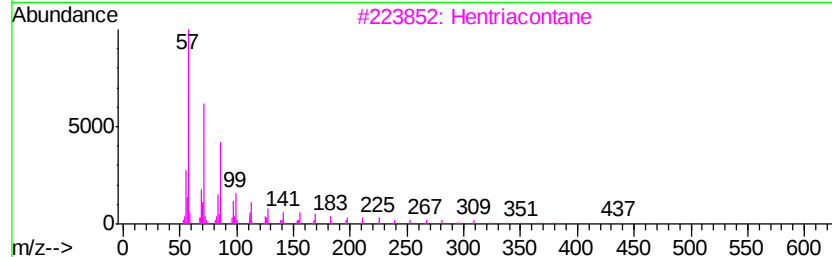
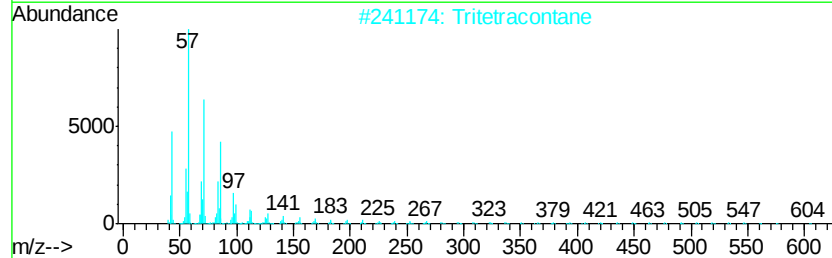
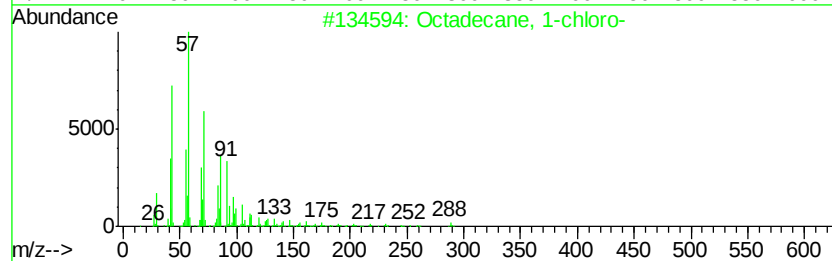
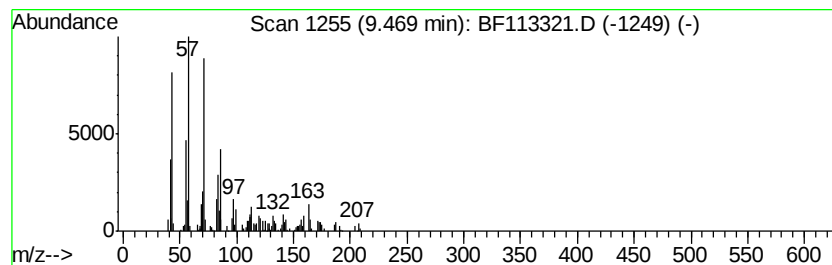
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.25 ng	145636	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
2		Tritetracontane	605	C43H88	007098-21-7	86
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Hexadecane	226	C16H34	000544-76-3	59
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



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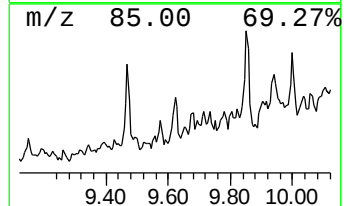
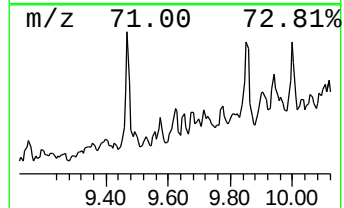
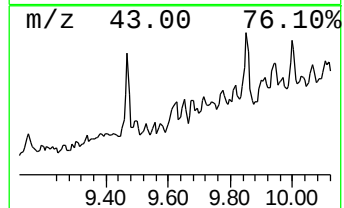
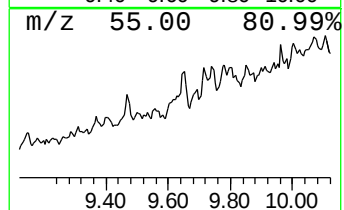
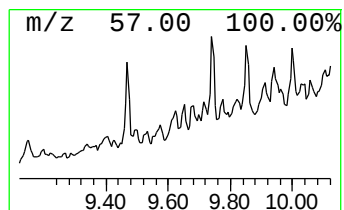
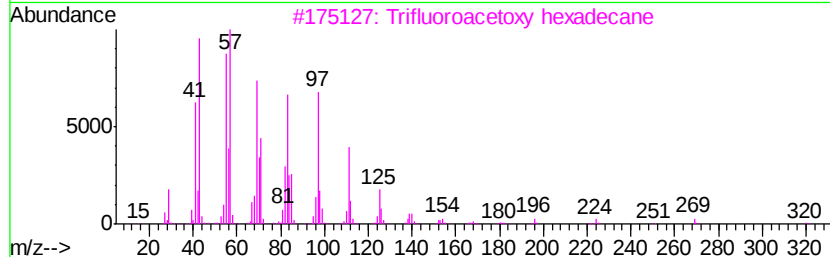
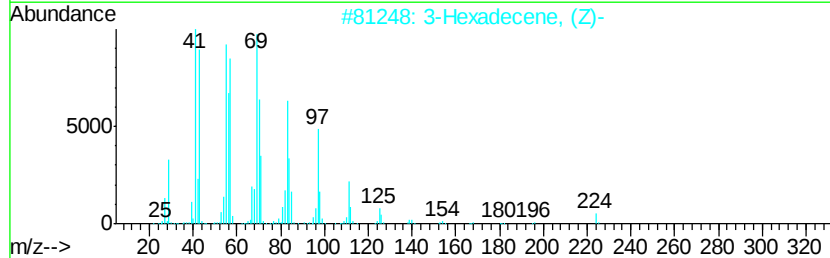
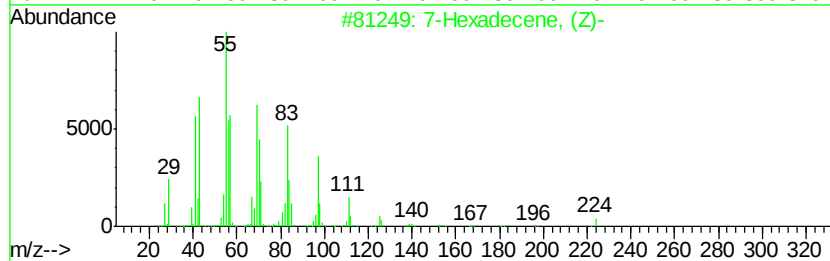
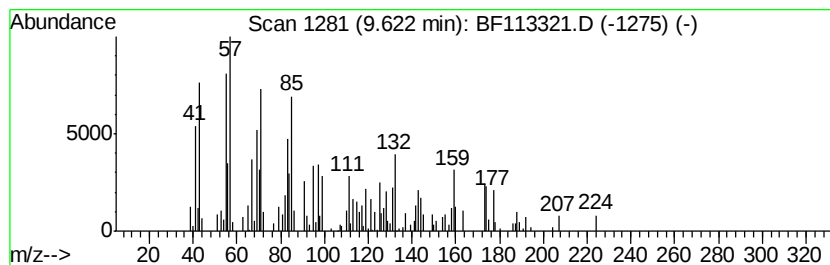
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.62	2.27 ng	146921	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	38
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	38
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	30
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	30
5	Cyclohexadecane	224	C16H32	000295-65-8	30



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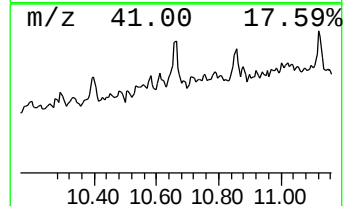
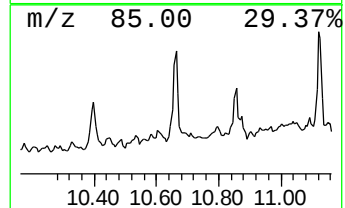
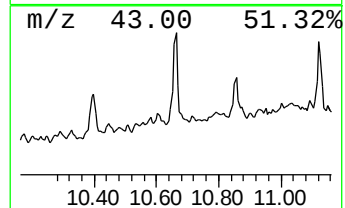
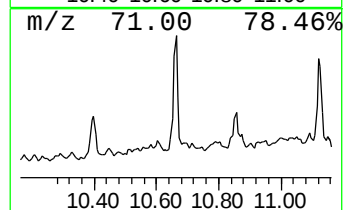
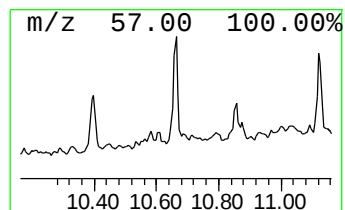
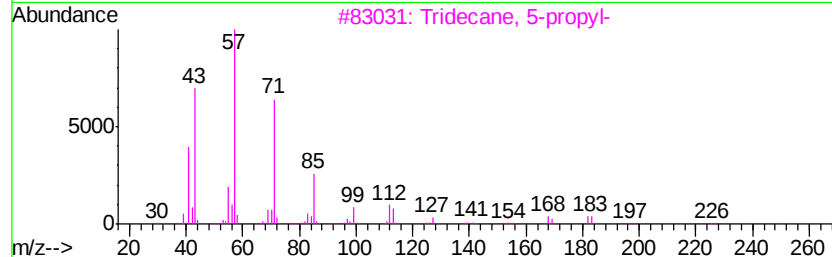
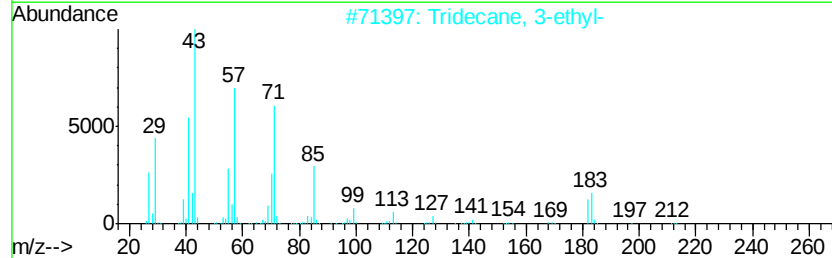
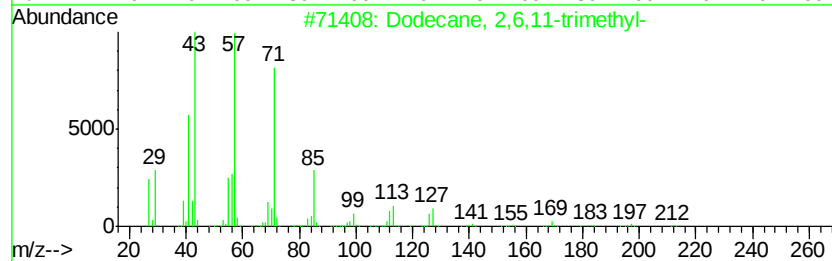
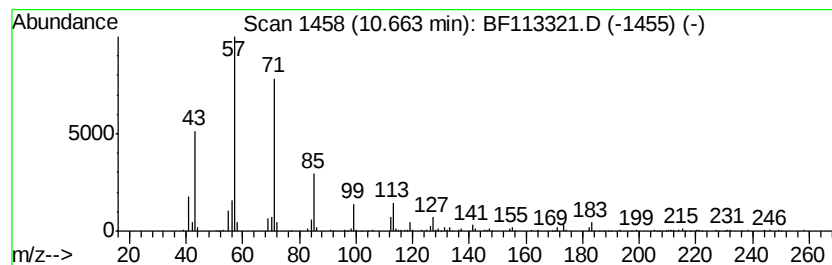
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	6.00 ng	256532	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	80
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	70



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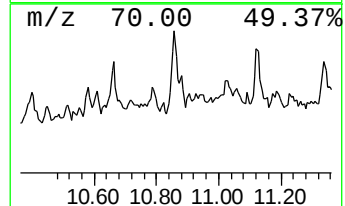
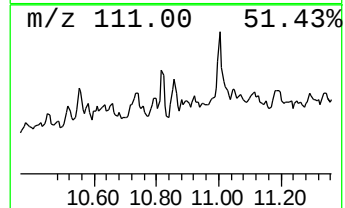
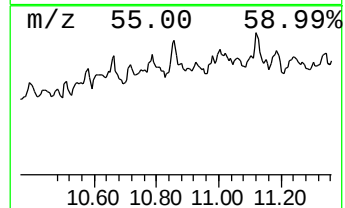
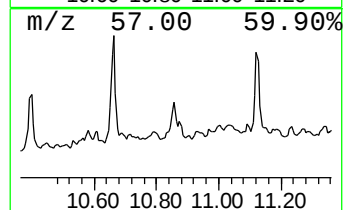
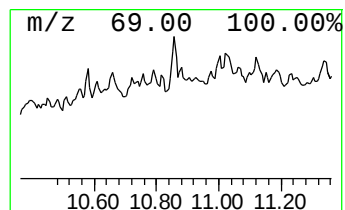
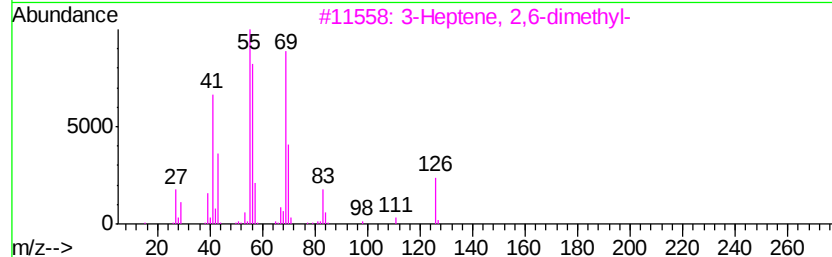
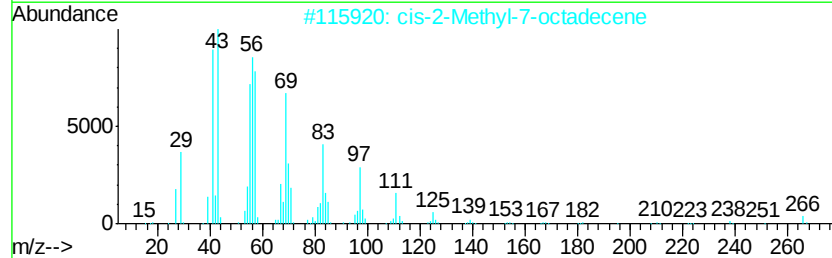
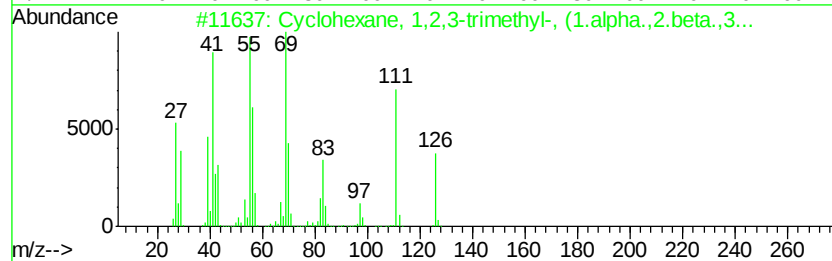
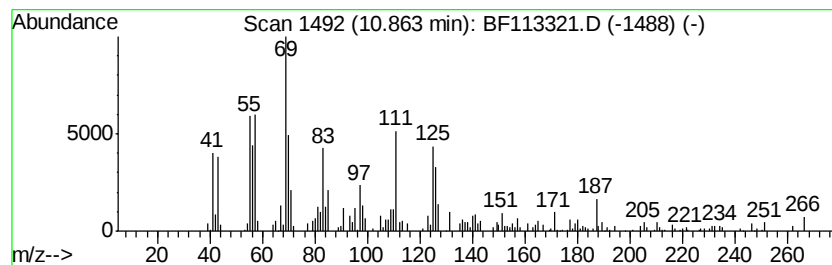
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Peak Number 6 Cyclohexane, 1,2,3-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	4.98 ng	212767	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
2	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	49
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
4	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	42
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113321.D
Acq On : 27 Mar 2019 5:41
Operator : JU/SJ
Sample : K2091-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

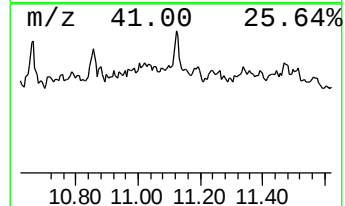
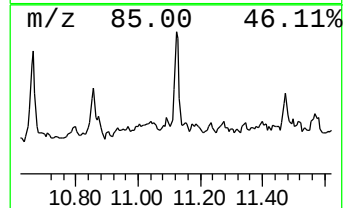
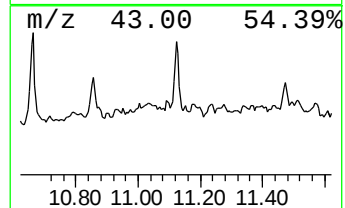
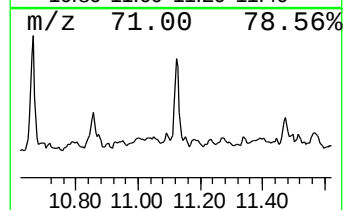
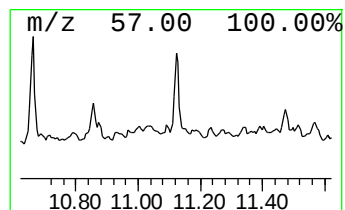
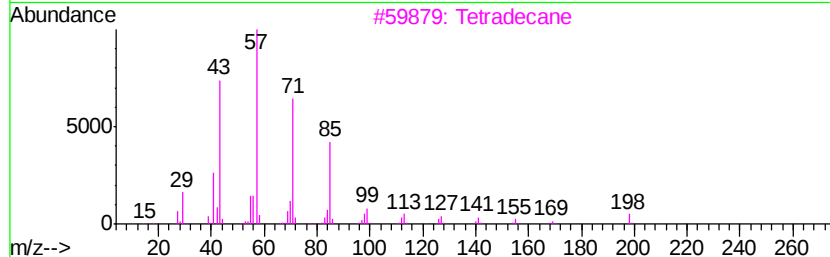
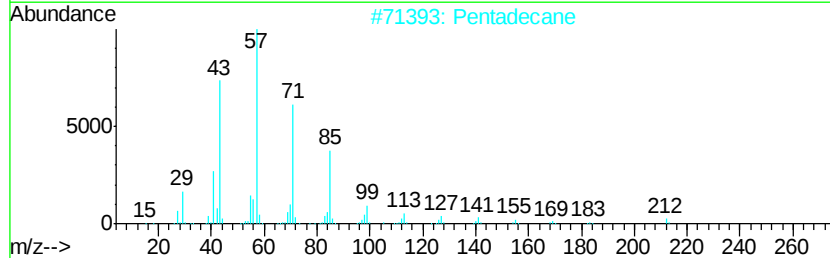
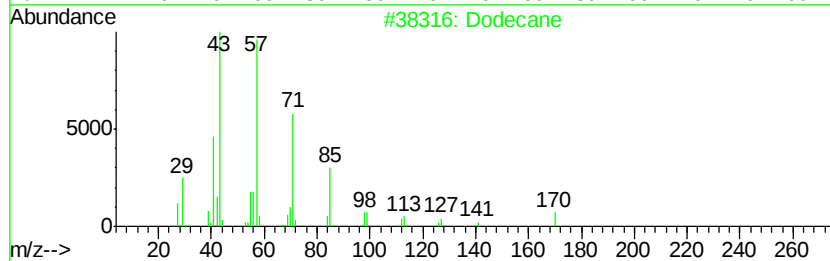
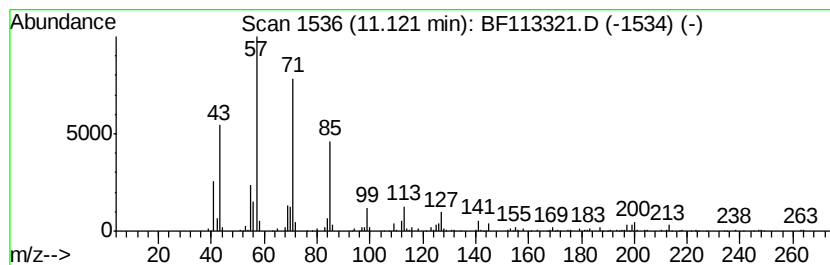
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.12	6.29 ng	268649	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	93
2	Pentadecane		212	C15H32	000629-62-9	93
3	Tetradecane		198	C14H30	000629-59-4	87
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113321.D
Acq On : 27 Mar 2019 5:41
Operator : JU/SJ
Sample : K2091-01 5X
Misc :
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Instrument :
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ClientSampleId :
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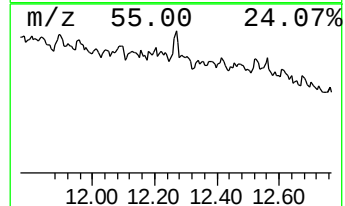
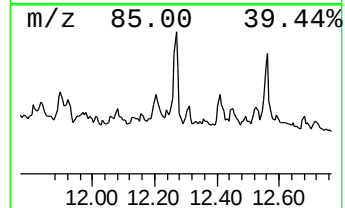
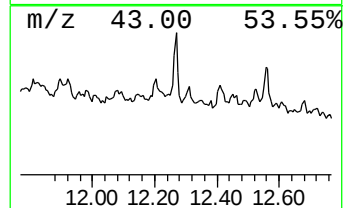
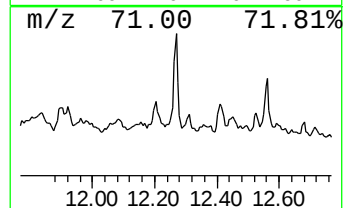
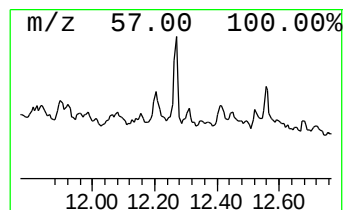
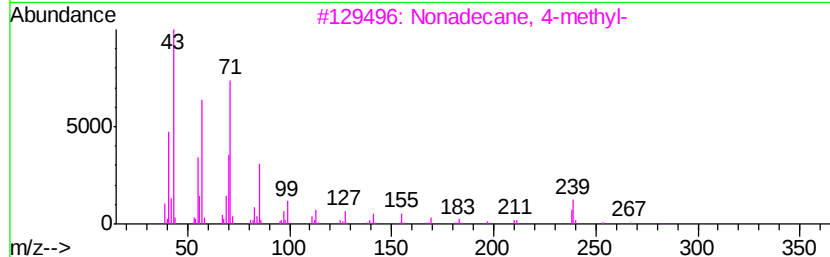
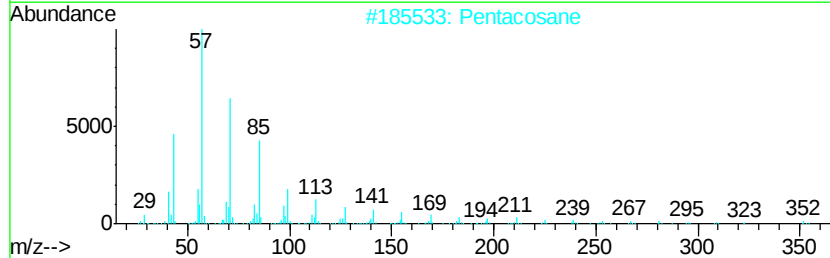
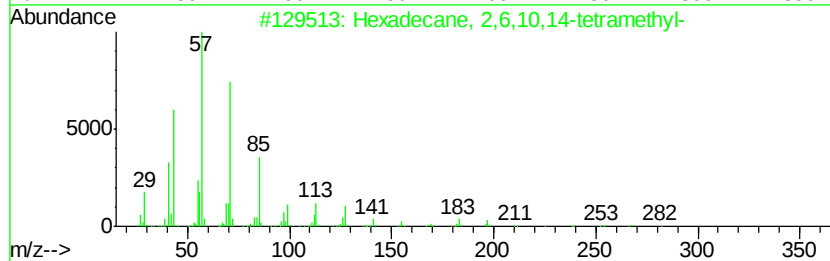
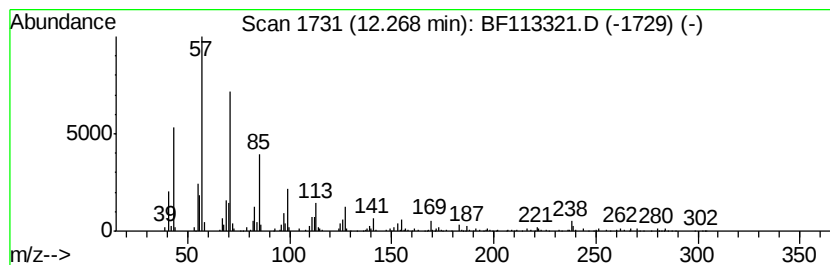
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.64 ng	155623	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Pentacosane	352	C25H52	000629-99-2	90
3		Nonadecane, 4-methyl-	282	C20H42	025117-27-5	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113321.D
Acq On : 27 Mar 2019 5:41
Operator : JU/SJ
Sample : K2091-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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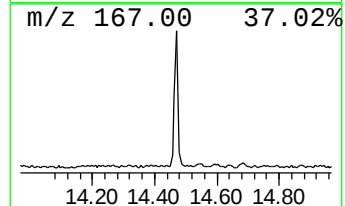
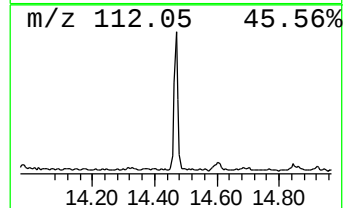
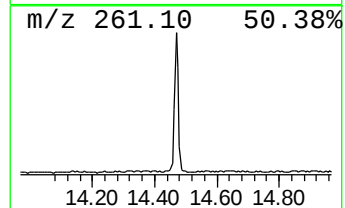
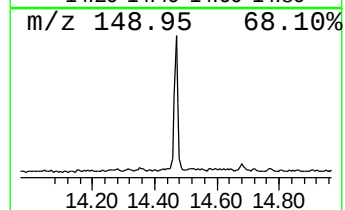
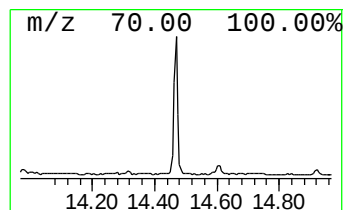
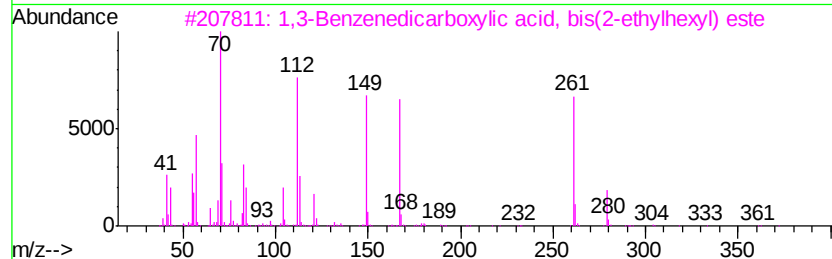
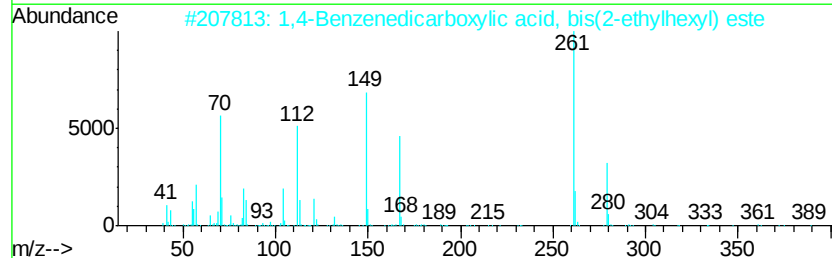
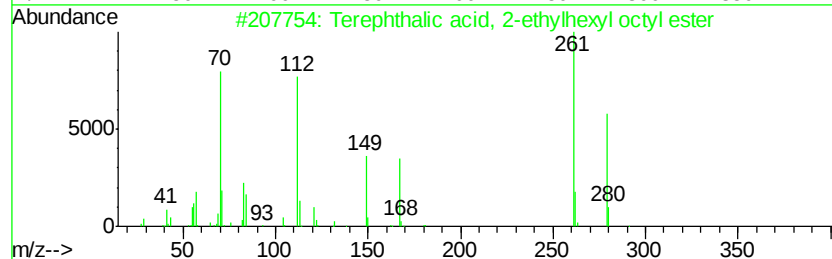
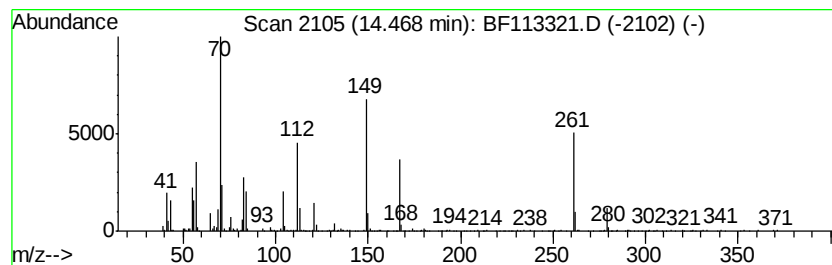
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Terephthalic acid, 2-ethylh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.29 ng	320951	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	58
2		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
3		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
4		Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5		Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Sample : K2091-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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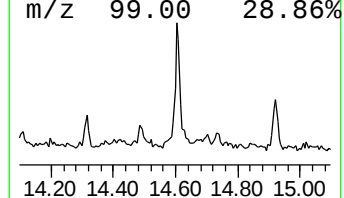
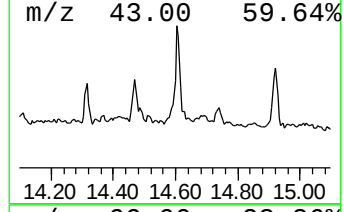
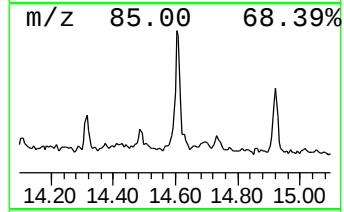
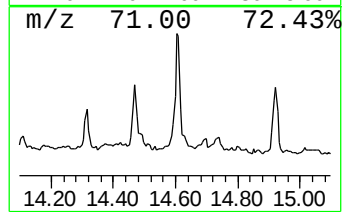
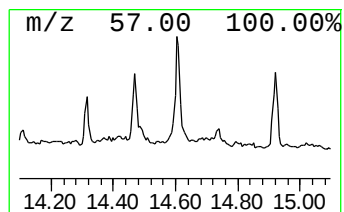
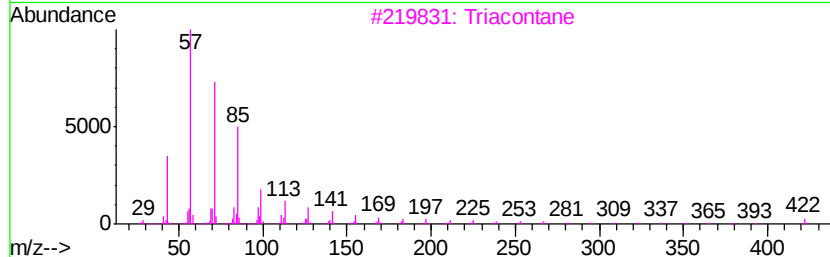
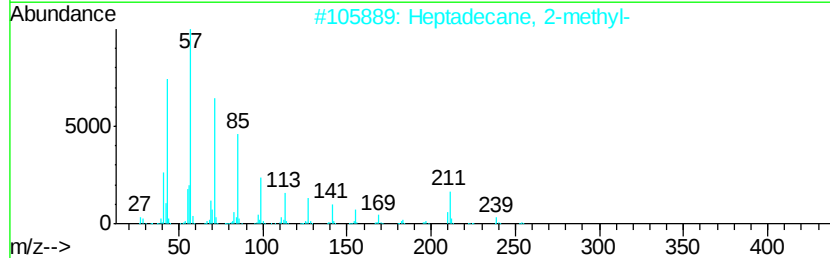
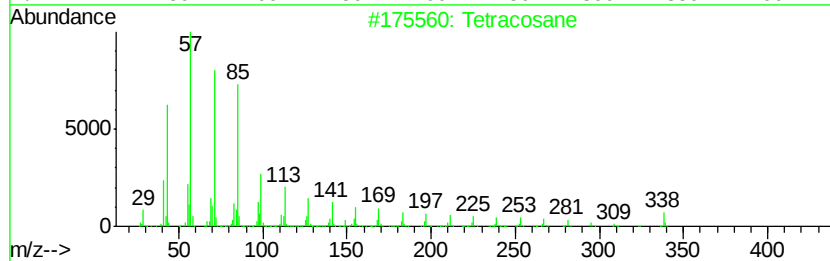
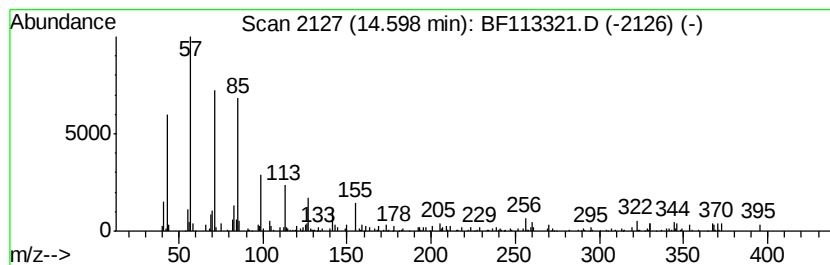
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.29 ng	209116	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	78
3		Triacontane	422	C30H62	000638-68-6	72
4		Docosane	310	C22H46	000629-97-0	64
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Operator : JU/SJ
Sample : K2091-01 5X
Misc :
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Instrument :
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ClientSampleId :
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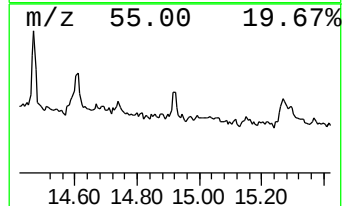
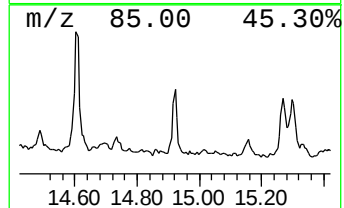
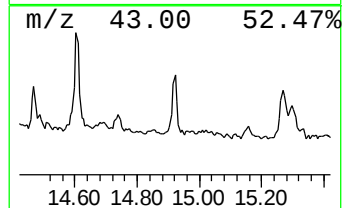
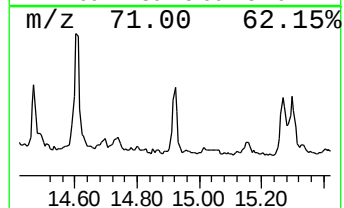
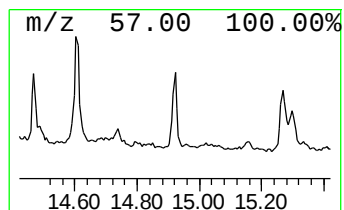
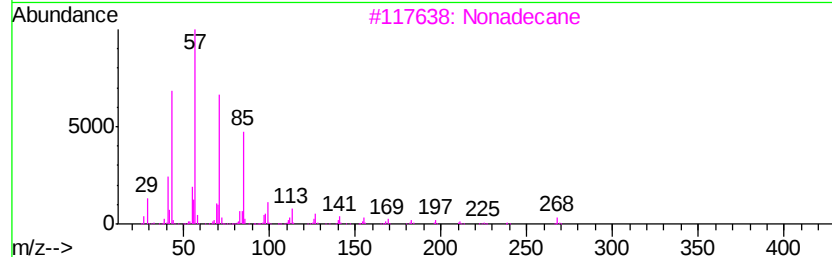
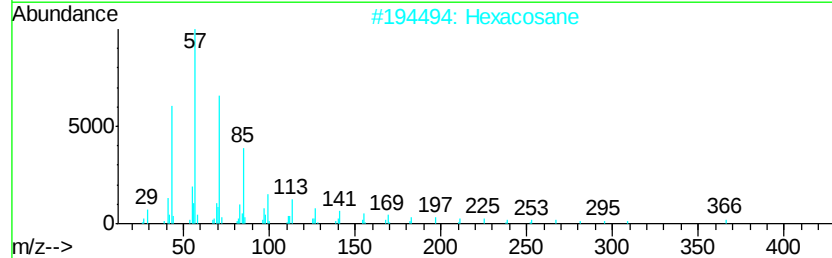
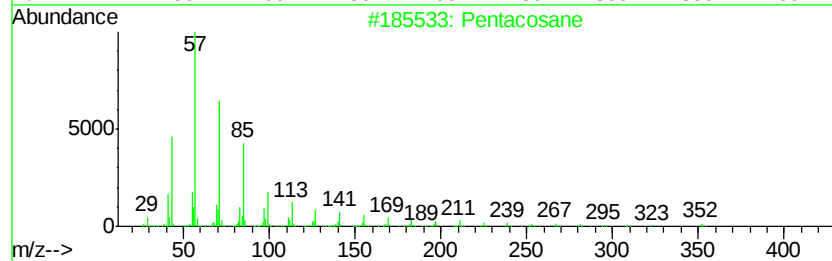
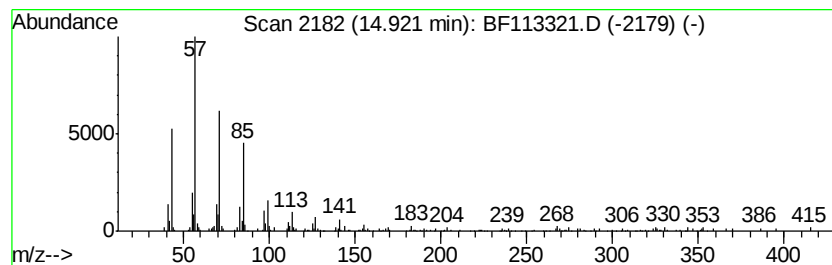
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.46 ng	97289	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	94
2		Hexacosane	366	C26H54	000630-01-3	93
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tricosane	324	C23H48	000638-67-5	87
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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Octadecane, 1-chl...	9.47	2.3	ng	145636	3	9.73	1291750	20.0
unknown9.62	9.62	2.3	ng	146921	3	9.73	1291750	20.0
Dodecane, 2,6,11-...	10.66	6.0	ng	256532	4	11.22	854507	20.0
Cyclohexane, 1,2,...	10.86	5.0	ng	212767	4	11.22	854507	20.0
Dodecane	11.12	6.3	ng	268649	4	11.22	854507	20.0
Hexadecane, 2,6,1...	12.27	3.6	ng	155623	4	11.22	854507	20.0
Terephthalic acid...	14.47	5.3	ng	320951	5	13.84	1212840	20.0
Tetracosane	14.60	5.3	ng	209116	6	15.24	790403	20.0
Pentacosane	14.92	2.5	ng	97289	6	15.24	790403	20.0