

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112128.D
 Acq On : 18 Jan 2019 17:00
 Operator : JU/SJ
 Sample : K1173-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

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-BF011619.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	2.158	8	12	19	rVB	165113	227926	2.75%	0.326%
2	4.463	400	404	412	rBV	195754	252508	3.05%	0.362%
3	5.081	505	509	519	rVB	306186	427779	5.16%	0.613%
4	5.498	575	580	583	rBV	6374411	6204340	74.91%	8.884%
5	6.504	746	751	768	rBV	6046014	6852462	82.73%	9.812%
6	6.634	768	773	776	rBV	7064604	6962281	84.06%	9.970%
7	6.857	807	811	819	rBV	1958249	1614280	19.49%	2.312%
8	7.016	833	838	841	rBV	6300700	5575387	67.31%	7.984%
9	7.416	901	906	910	rBV	4011538	4397339	53.09%	6.297%
10	8.140	1025	1029	1032	rBV	2268347	2042447	24.66%	2.925%
11	9.216	1206	1212	1215	rBV	8796755	8282829	100.00%	11.861%
12	9.604	1274	1278	1281	rBV	881785	732354	8.84%	1.049%
13	9.892	1323	1327	1331	rBV	2752840	2396692	28.94%	3.432%
14	10.686	1457	1462	1465	rBV	5431567	5204359	62.83%	7.452%
15	11.380	1576	1580	1583	rBV	2609267	2354201	28.42%	3.371%
16	11.904	1666	1669	1681	rBV	380639	427279	5.16%	0.612%
17	12.592	1783	1786	1791	rBV	103862	89312	1.08%	0.128%
18	12.686	1799	1802	1808	rBV	81127	97445	1.18%	0.140%
19	12.822	1820	1825	1829	rBV	75622	89042	1.08%	0.128%
20	12.963	1844	1849	1852	rBV	6979446	6845167	82.64%	9.802%
21	13.533	1940	1946	1948	rBV3	89356	126068	1.52%	0.181%
22	13.851	1997	2000	2009	rBV	630480	775641	9.36%	1.111%
23	14.021	2025	2029	2032	rBV	1897433	1727253	20.85%	2.473%
24	14.174	2052	2055	2059	rBV	219749	215049	2.60%	0.308%
25	14.480	2103	2107	2112	rVB	413162	417480	5.04%	0.598%
26	14.786	2155	2159	2164	rVB	604243	623436	7.53%	0.893%
27	14.863	2169	2172	2175	rVB	93554	95418	1.15%	0.137%
28	15.127	2213	2217	2222	rVB	692662	811659	9.80%	1.162%
29	15.498	2274	2280	2288	rBV3	1566819	2678648	32.34%	3.836%
30	15.945	2350	2356	2362	rBV	542126	846227	10.22%	1.212%
31	16.451	2437	2442	2447	rBV	268236	442301	5.34%	0.633%

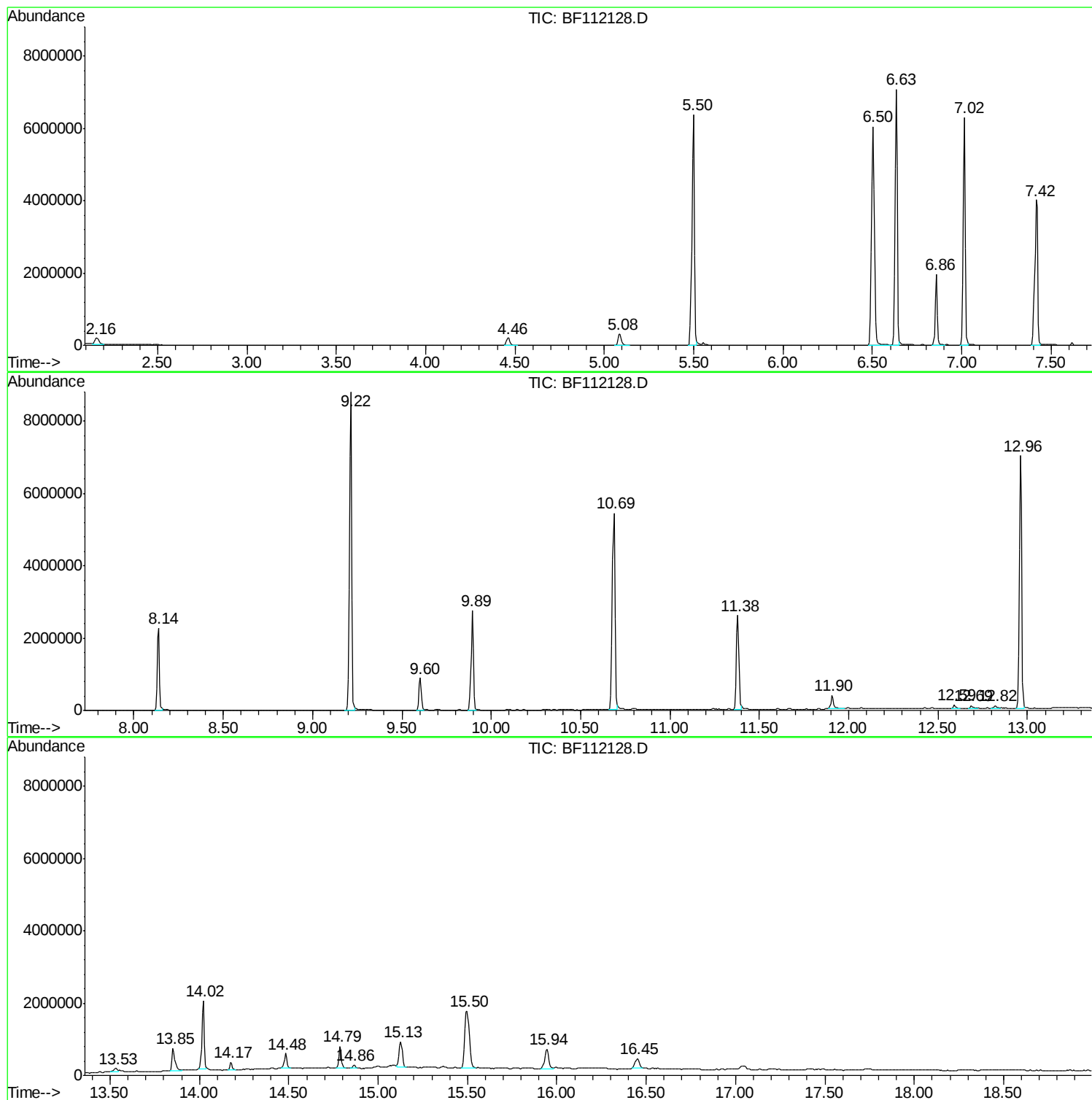
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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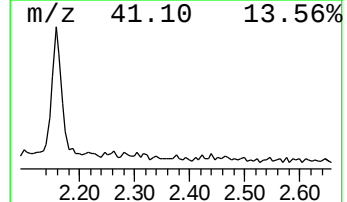
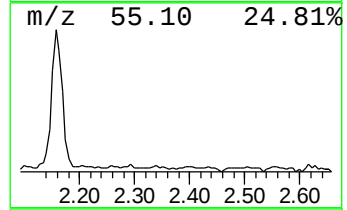
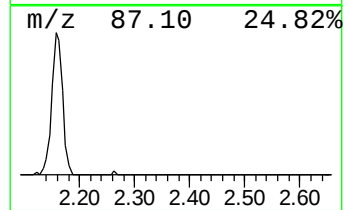
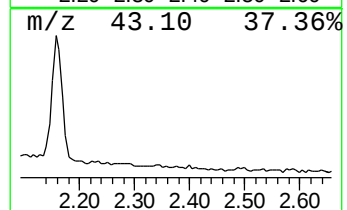
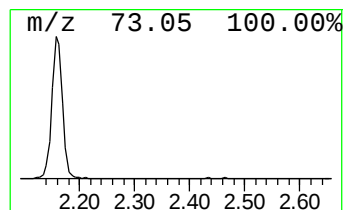
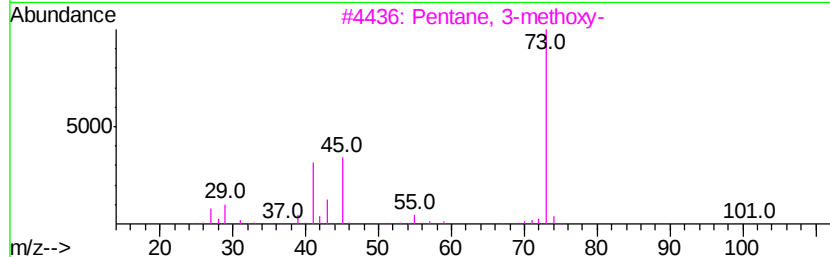
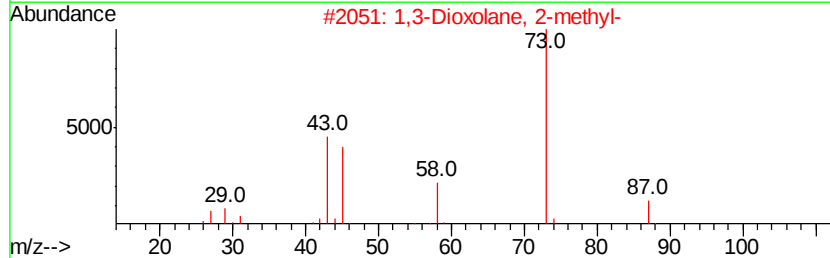
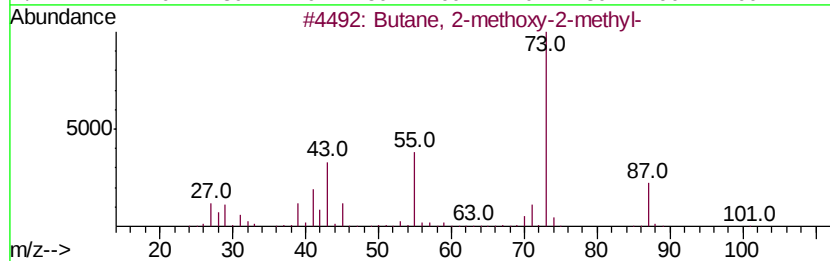
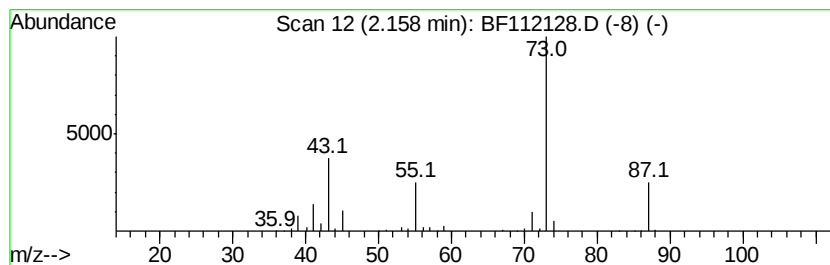
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.82 ng	227926	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	12



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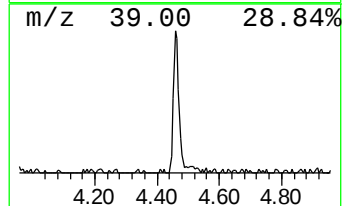
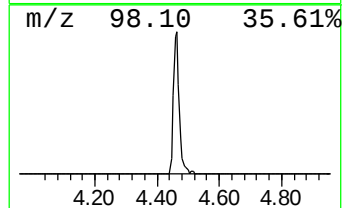
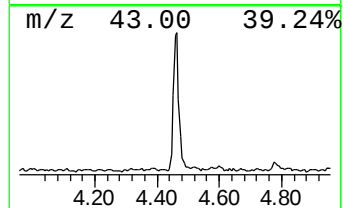
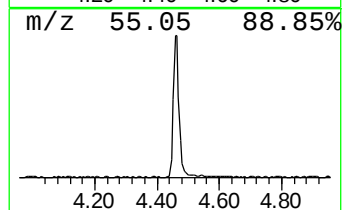
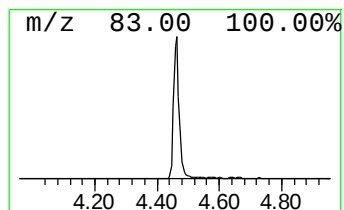
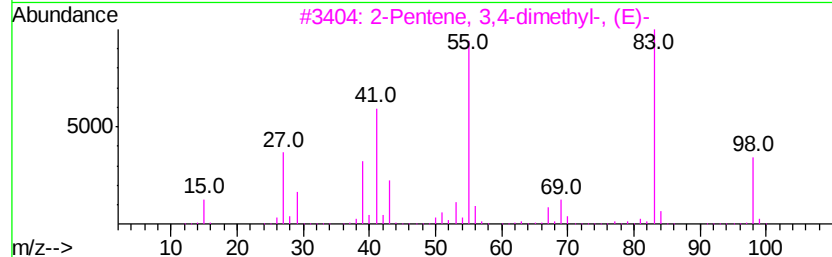
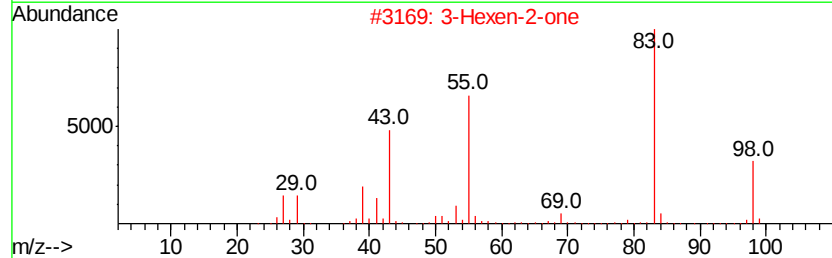
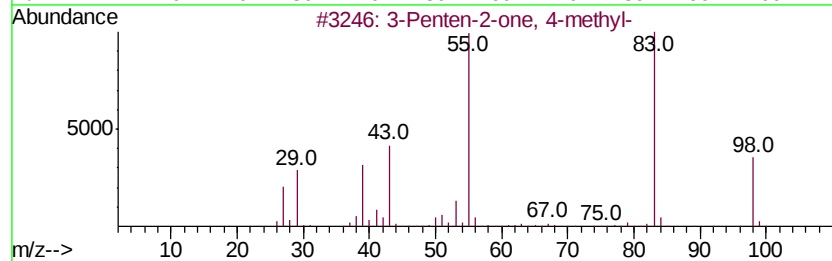
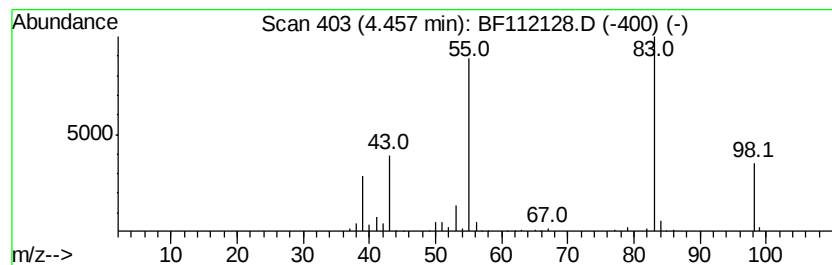
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TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	3.13 ng	252508	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80



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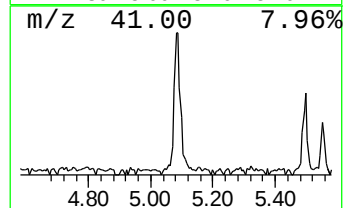
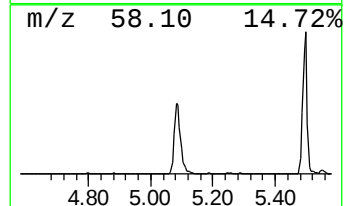
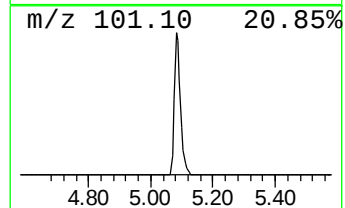
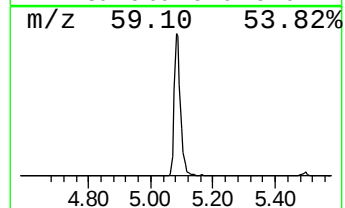
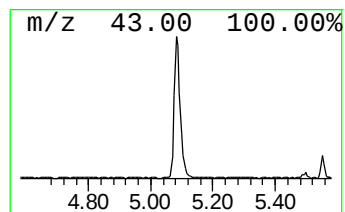
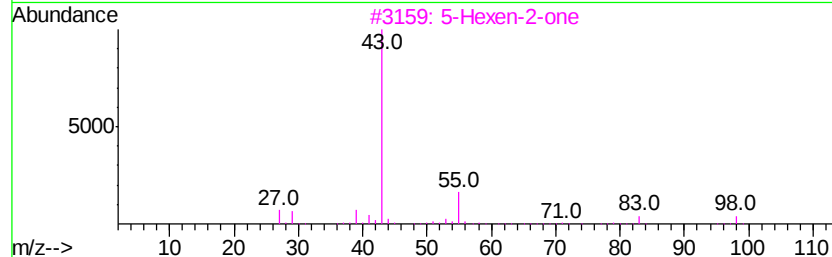
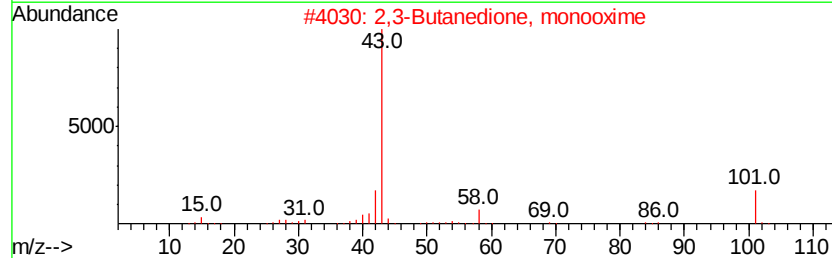
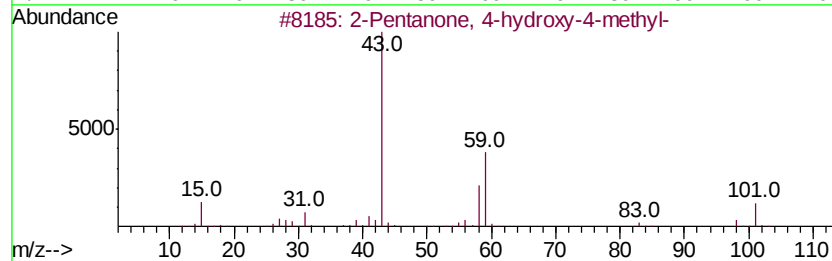
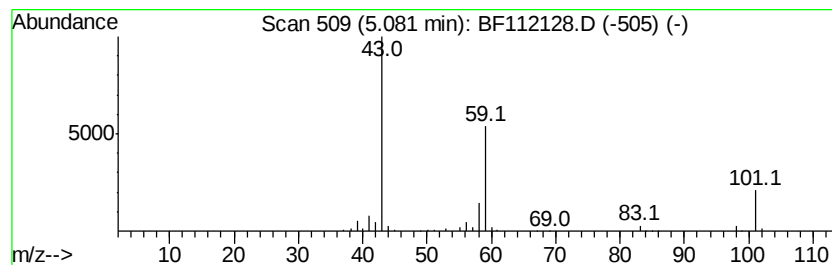
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.30 ng	427779	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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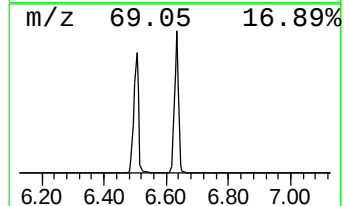
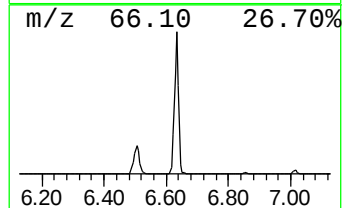
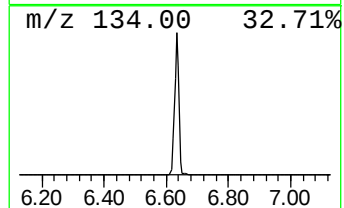
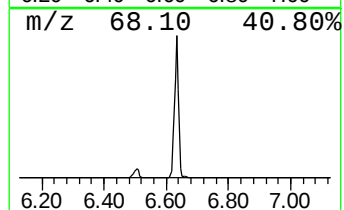
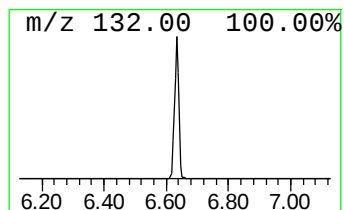
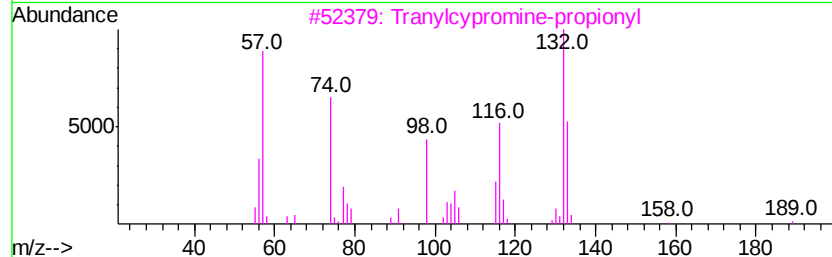
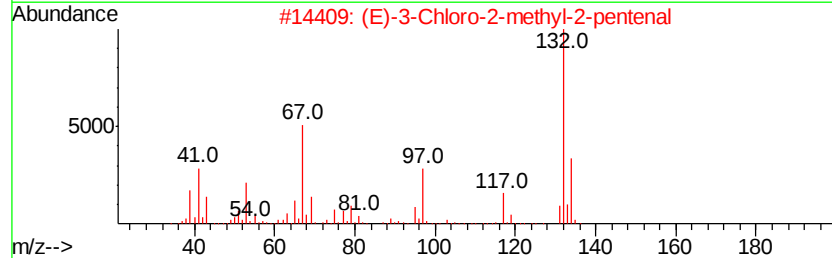
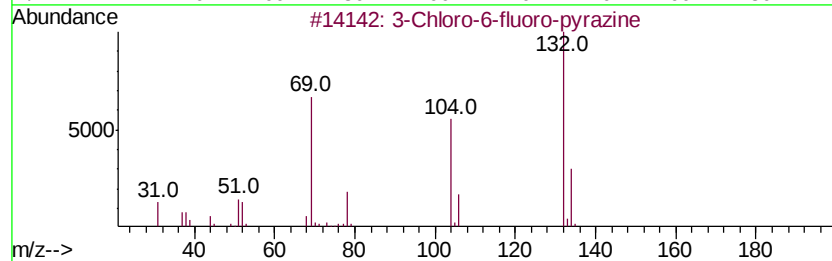
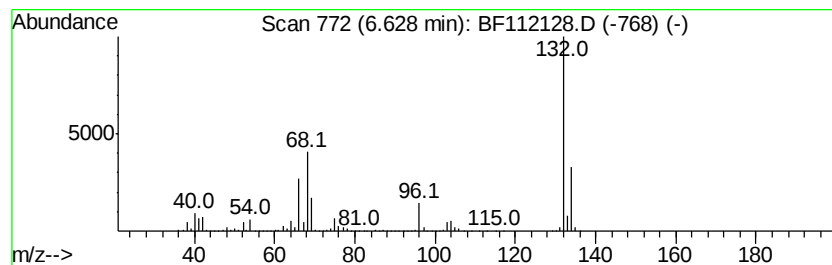
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	86.26 ng	6962280	1,4-Dichlorobenzene-d4	6.86

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9



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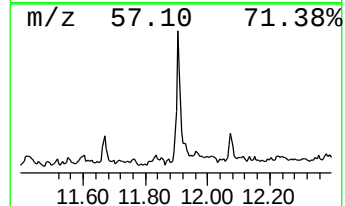
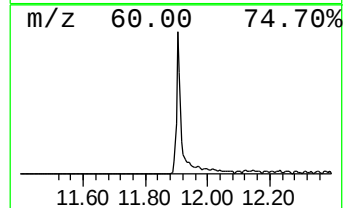
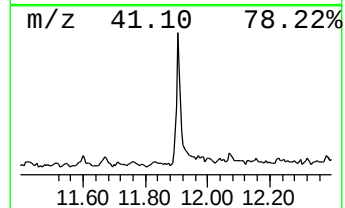
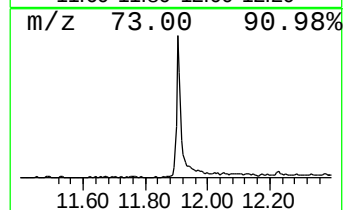
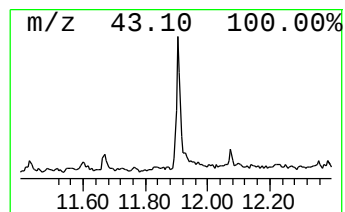
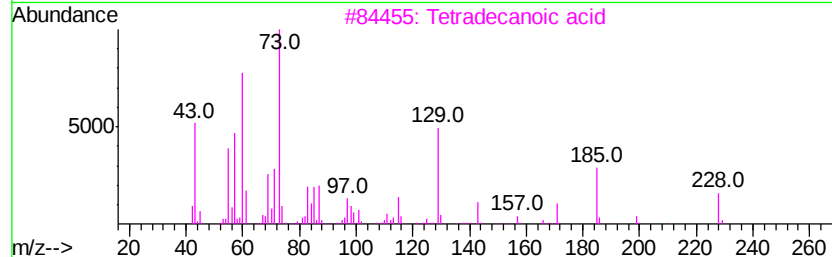
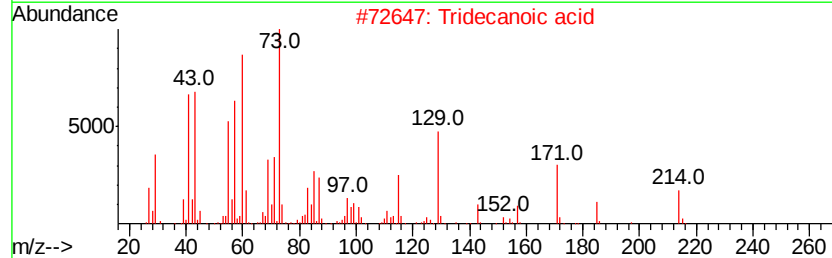
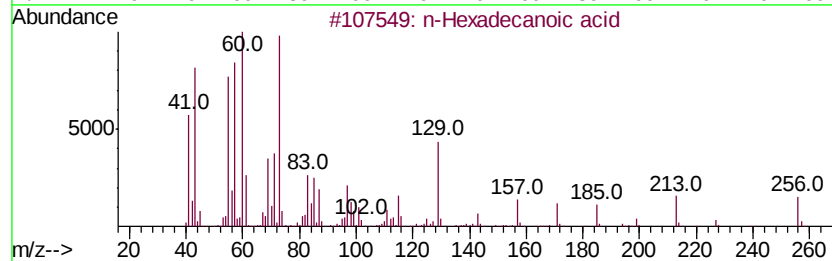
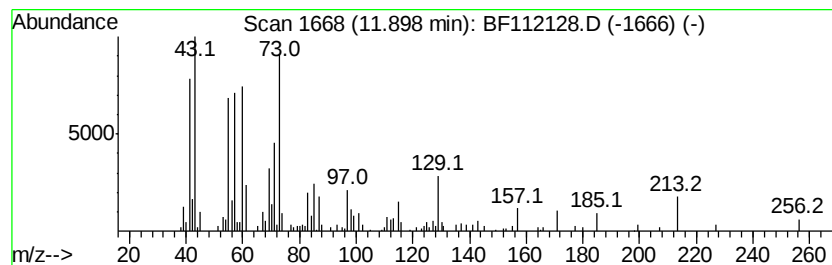
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.63 ng	427279	Phenanthrene-d10	11.38

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	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Dodecanoic acid	200	C12H24O2	000143-07-7	80



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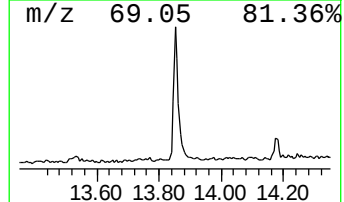
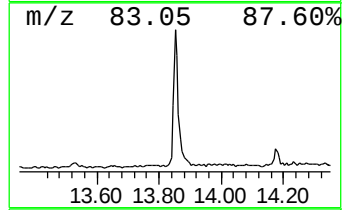
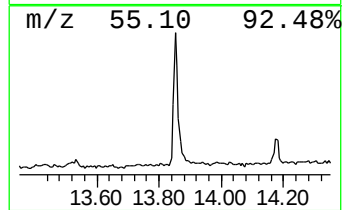
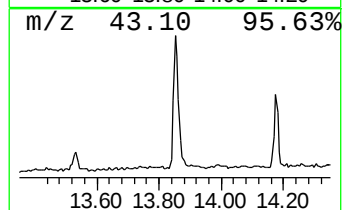
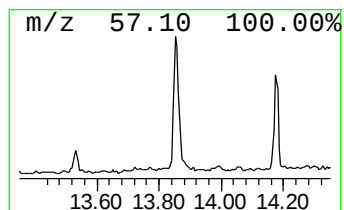
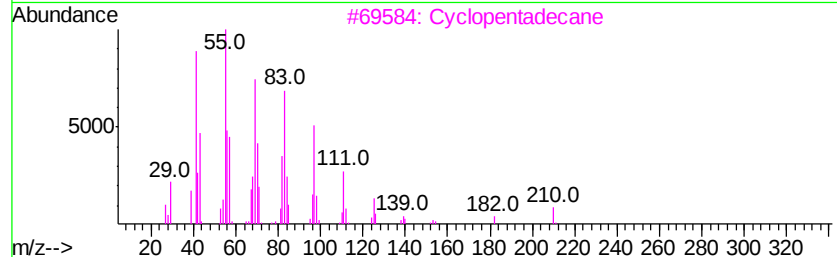
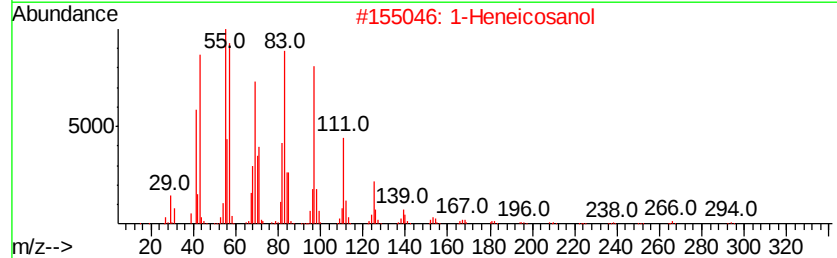
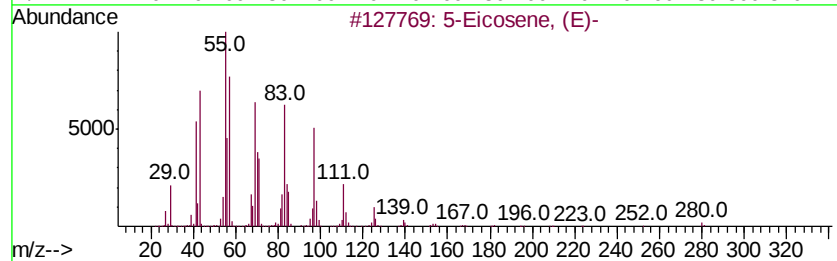
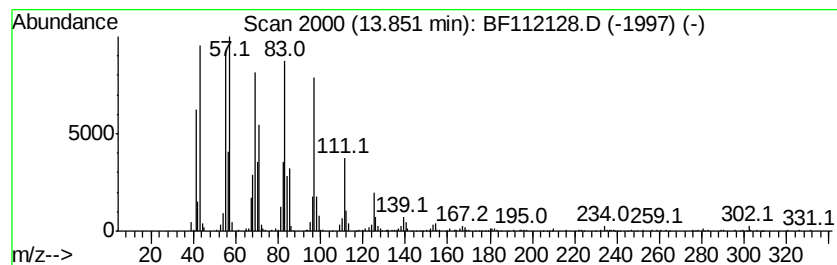
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	8.98 ng	775641	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Cyclopentadecane	210	C15H30	000295-48-7	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112128.D
Acq On : 18 Jan 2019 17:00
Operator : JU/SJ
Sample : K1173-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3425

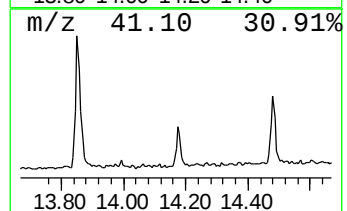
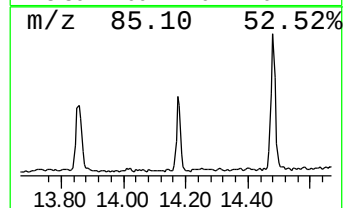
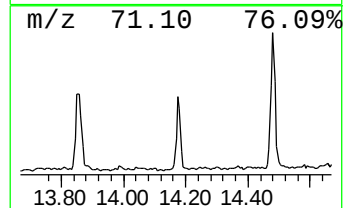
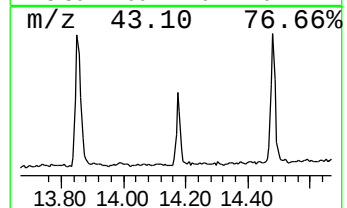
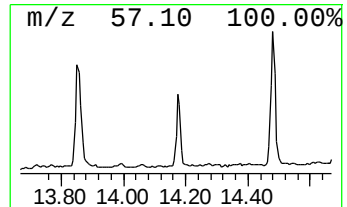
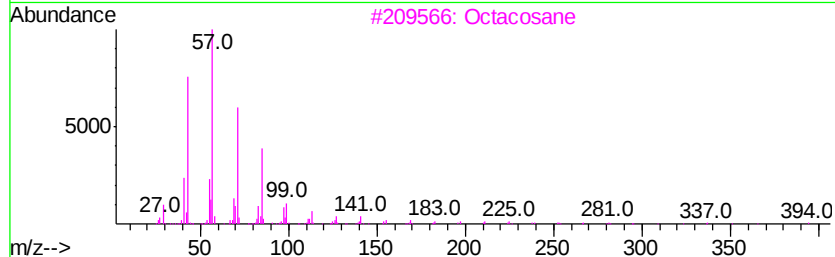
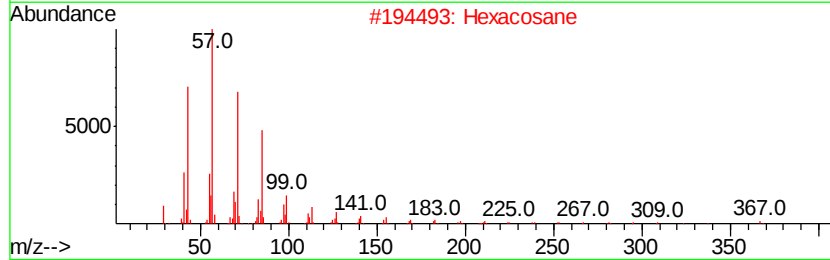
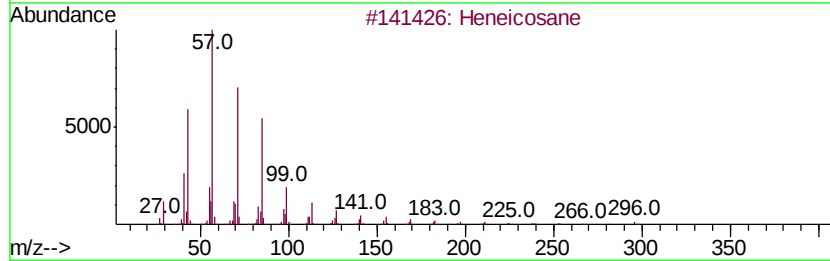
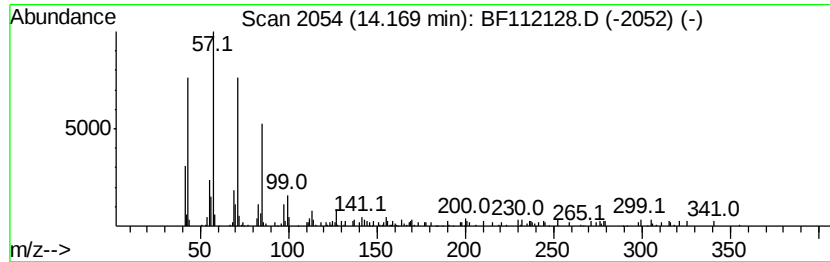
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.49 ng	215049	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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 Operator : JU/SJ
 Sample : K1173-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

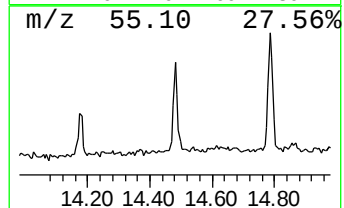
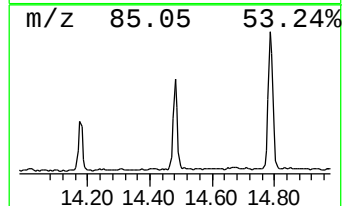
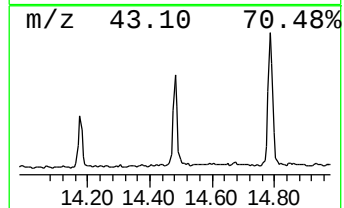
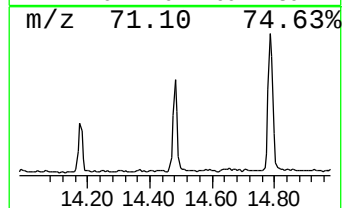
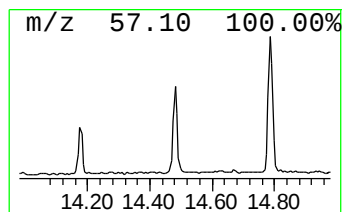
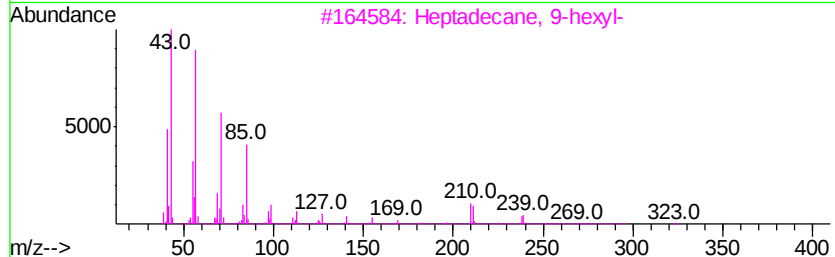
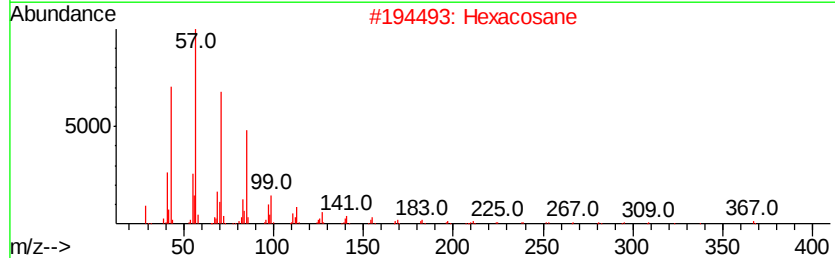
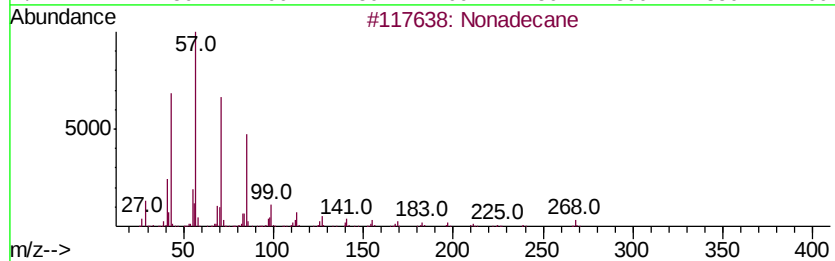
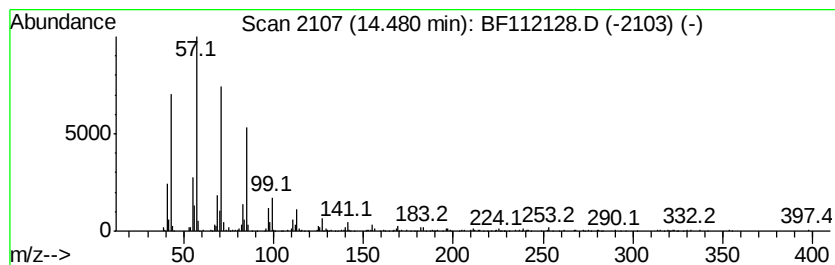
Instrument :
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.83 ng	417480	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 94
2	Hexacosane		366 C26H54	000630-01-3 94
3	Heptadecane, 9-hexyl-		324 C23H48	055124-79-3 94
4	Hexadecane		226 C16H34	000544-76-3 93
5	Heneicosane		296 C21H44	000629-94-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112128.D
Acq On : 18 Jan 2019 17:00
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Sample : K1173-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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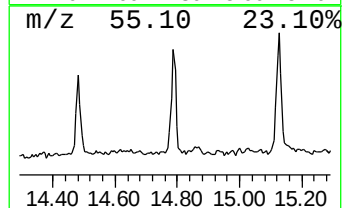
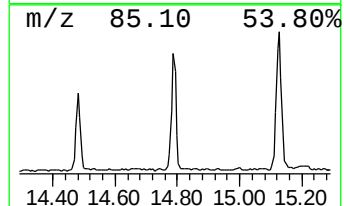
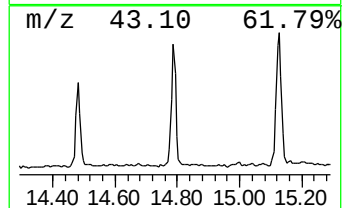
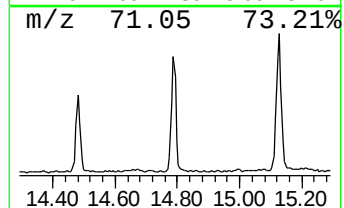
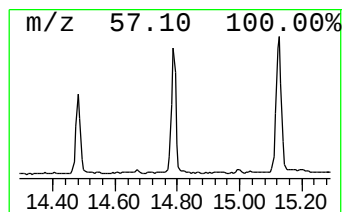
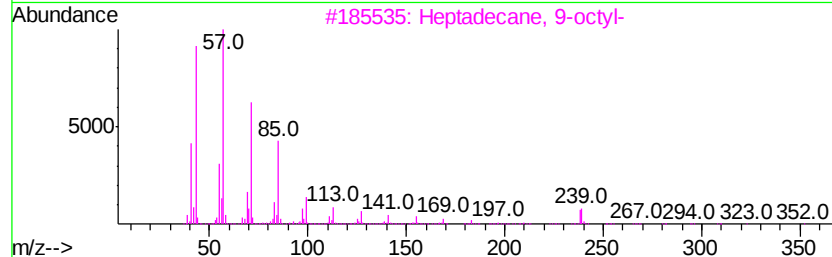
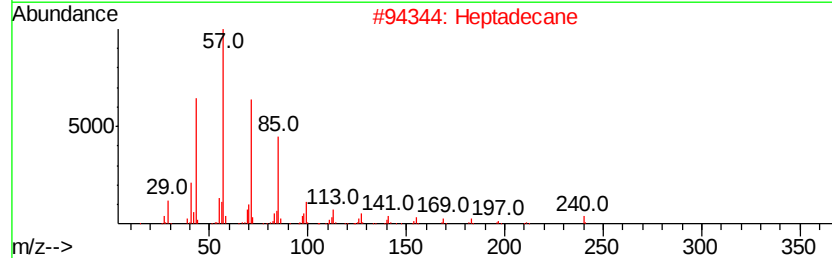
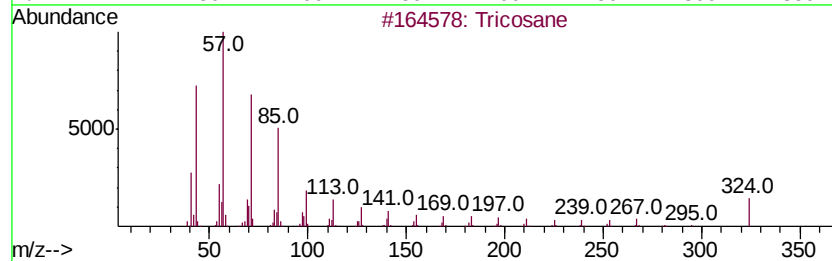
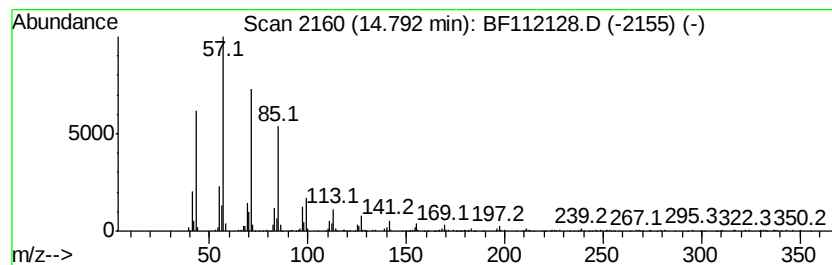
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.65 ng	623436	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Heptadecane	240	C17H36	000629-78-7	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112128.D
Acq On : 18 Jan 2019 17:00
Operator : JU/SJ
Sample : K1173-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

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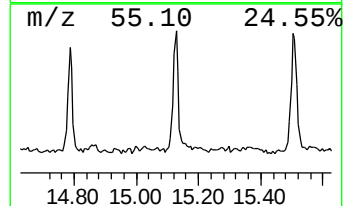
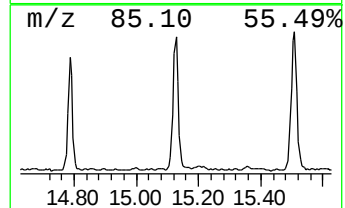
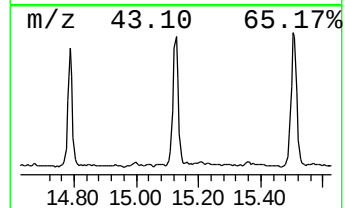
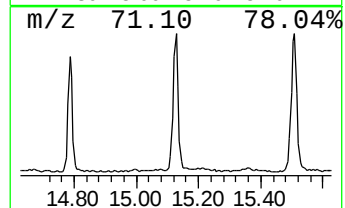
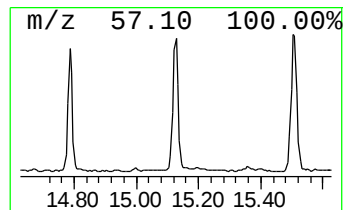
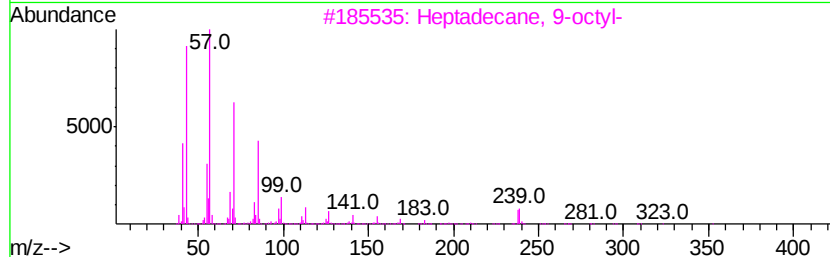
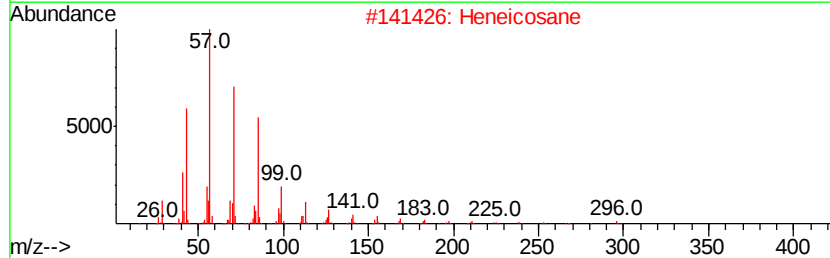
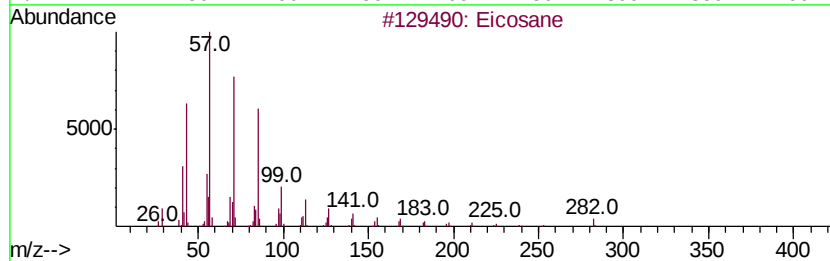
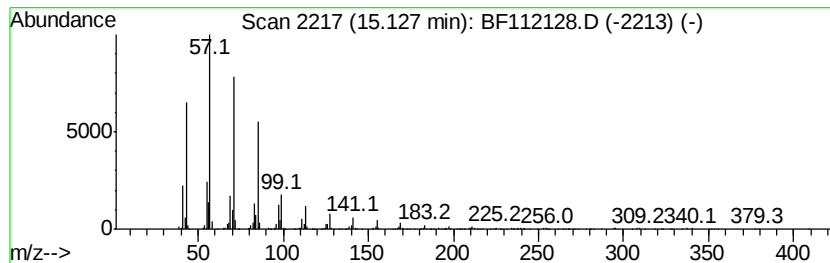
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	6.06 ng	811659	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112128.D
Acq On : 18 Jan 2019 17:00
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Sample : K1173-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

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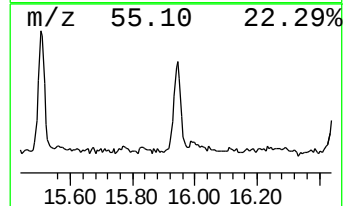
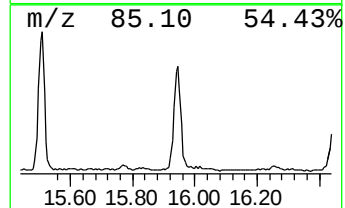
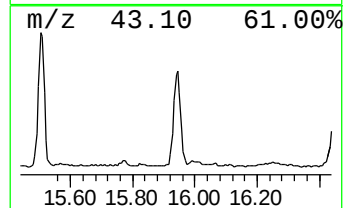
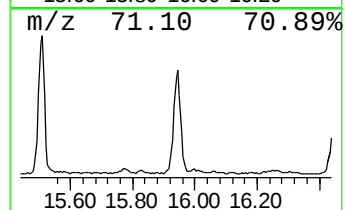
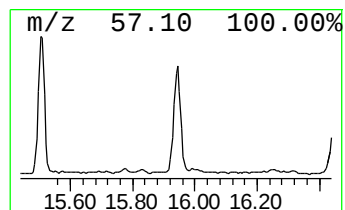
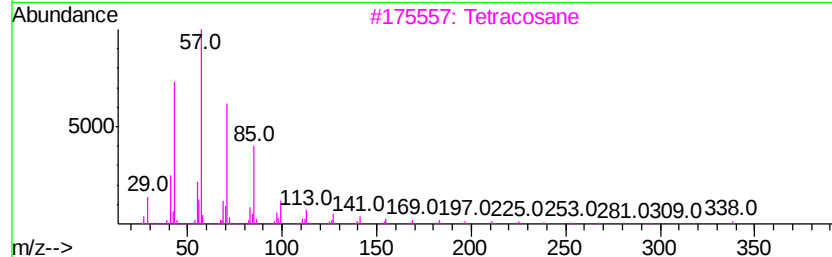
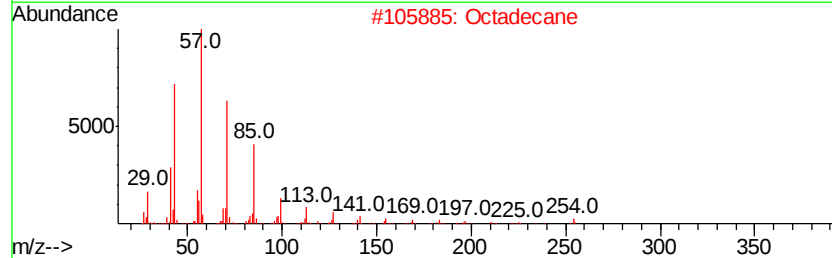
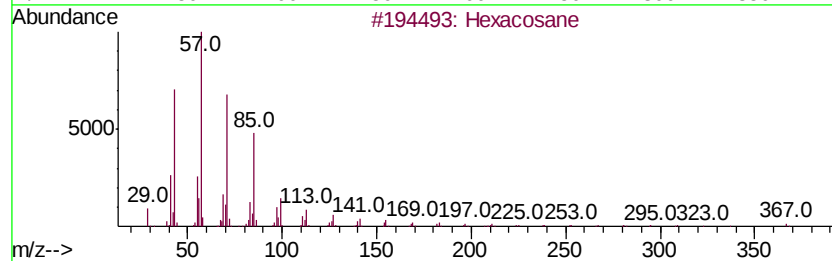
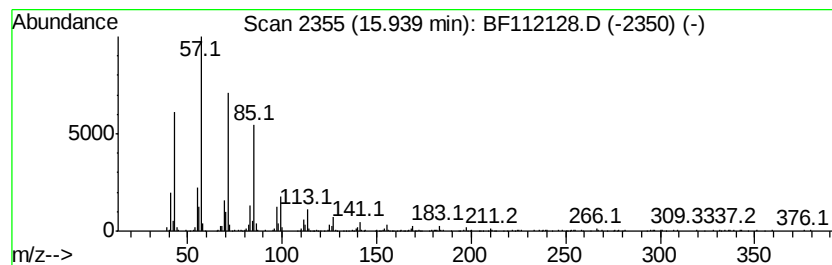
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	6.32 ng	846227	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane	254	C18H38	000593-45-3	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112128.D
 Acq On : 18 Jan 2019 17:00
 Operator : JU/SJ
 Sample : K1173-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
Butane, 2-methoxy...	2.16	2.8	ng	227926	1	6.86	1614280	20.0
3-Penten-2-one, 4...	4.46	3.1	ng	252508	1	6.86	1614280	20.0
2-Pentanone, 4-hy...	5.08	5.3	ng	427779	1	6.86	1614280	20.0
unknown6.63	6.63	86.3	ng	6962280	1	6.86	1614280	20.0
n-Hexadecanoic acid	11.90	3.6	ng	427279	4	11.38	2354200	20.0
5-Eicosene, (E)-	13.85	9.0	ng	775641	5	14.02	1727250	20.0
Heneicosane	14.17	2.5	ng	215049	5	14.02	1727250	20.0
Nonadecane	14.48	4.8	ng	417480	5	14.02	1727250	20.0
Tricosane	14.79	4.7	ng	623436	6	15.49	2678650	20.0
Eicosane	15.13	6.1	ng	811659	6	15.49	2678650	20.0
Hexacosane	15.94	6.3	ng	846227	6	15.49	2678650	20.0