

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123119\
 Data File : BF118403.D
 Acq On : 31 Dec 2019 14:12
 Operator : JU
 Sample : K6465-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(1-3)

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-BF122419.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	5.063	502	506	522	rVB	334135	419685	15.80%	1.496%
2	5.475	572	576	592	rBV	2048886	1954607	73.60%	6.969%
3	6.492	744	749	767	rBV	2178283	2164570	81.51%	7.717%
4	6.628	767	772	775	rBV	2504045	2227743	83.88%	7.943%
5	6.851	806	810	819	rVB	695310	571698	21.53%	2.038%
6	7.010	833	837	840	rBV	1897963	1650238	62.14%	5.884%
7	7.416	902	906	917	rBV	1254654	1302903	49.06%	4.645%
8	8.139	1025	1029	1045	rBV	749957	725443	27.32%	2.586%
9	9.216	1208	1212	1223	rBV	2789370	2489536	93.74%	8.876%
10	9.616	1276	1280	1289	rBV	233486	250036	9.41%	0.891%
11	9.898	1325	1328	1332	rBV	891899	874818	32.94%	3.119%
12	9.933	1332	1334	1341	rVB	35840	36456	1.37%	0.130%
13	10.698	1460	1464	1479	rBV	2087549	1957436	73.71%	6.979%
14	11.398	1579	1583	1585	rBV	1072338	988104	37.21%	3.523%
15	11.422	1585	1587	1591	rVV	284604	254199	9.57%	0.906%
16	11.474	1591	1596	1602	rVB3	57717	91269	3.44%	0.325%
17	11.627	1617	1622	1629	rBV3	39121	93533	3.52%	0.333%
18	11.916	1666	1671	1679	rBV3	284601	379023	14.27%	1.351%
19	12.016	1685	1688	1691	rBV2	59140	69795	2.63%	0.249%
20	12.616	1786	1790	1796	rBV	447417	399140	15.03%	1.423%
21	12.704	1802	1805	1811	rBV2	87417	89963	3.39%	0.321%
22	12.845	1823	1829	1833	rBV	386358	399746	15.05%	1.425%
23	12.986	1848	1853	1856	rBV	3100479	2655732	100.00%	9.468%
24	13.063	1862	1866	1871	rBV4	21505	33781	1.27%	0.120%
25	13.204	1888	1890	1894	rVB2	40546	37955	1.43%	0.135%
26	13.280	1900	1903	1906	rBV2	32160	39318	1.48%	0.140%
27	13.551	1944	1949	1952	rBV2	40150	51544	1.94%	0.184%
28	13.880	2001	2005	2017	rVB3	329429	501015	18.87%	1.786%
29	14.051	2025	2034	2037	rBV2	968891	1061675	39.98%	3.785%
30	14.074	2037	2038	2047	rVB	154203	140899	5.31%	0.502%
31	14.198	2055	2059	2067	rBV	150374	159245	6.00%	0.568%
32	14.504	2107	2111	2114	rBV	272359	261238	9.84%	0.931%
33	14.810	2159	2163	2167	rBV	384655	397375	14.96%	1.417%
34	14.886	2173	2176	2179	rVB	62858	60817	2.29%	0.217%

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GP-11-(1-3)

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	15.110	2210	2214	2217	rBV	118093	174876	6.58%	0.623%
36	15.157	2217	2222	2226	rVV2	418813	554398	20.88%	1.977%
37	15.221	2230	2233	2238	rVB2	26136	37579	1.42%	0.134%
38	15.421	2259	2267	2274	rVV	62838	111572	4.20%	0.398%
39	15.486	2274	2278	2282	rVV	79594	105046	3.96%	0.375%
40	15.545	2282	2288	2302	rVB2	842196	1277537	48.10%	4.555%
41	15.980	2356	2362	2369	rBV	274023	435482	16.40%	1.553%
42	16.057	2370	2375	2387	rVB10	32394	89059	3.35%	0.318%
43	16.492	2443	2449	2460	rVB	140961	253544	9.55%	0.904%
44	17.092	2542	2551	2559	rVB5	48534	157088	5.92%	0.560%
45	17.533	2621	2626	2636	rVB2	23267	61379	2.31%	0.219%

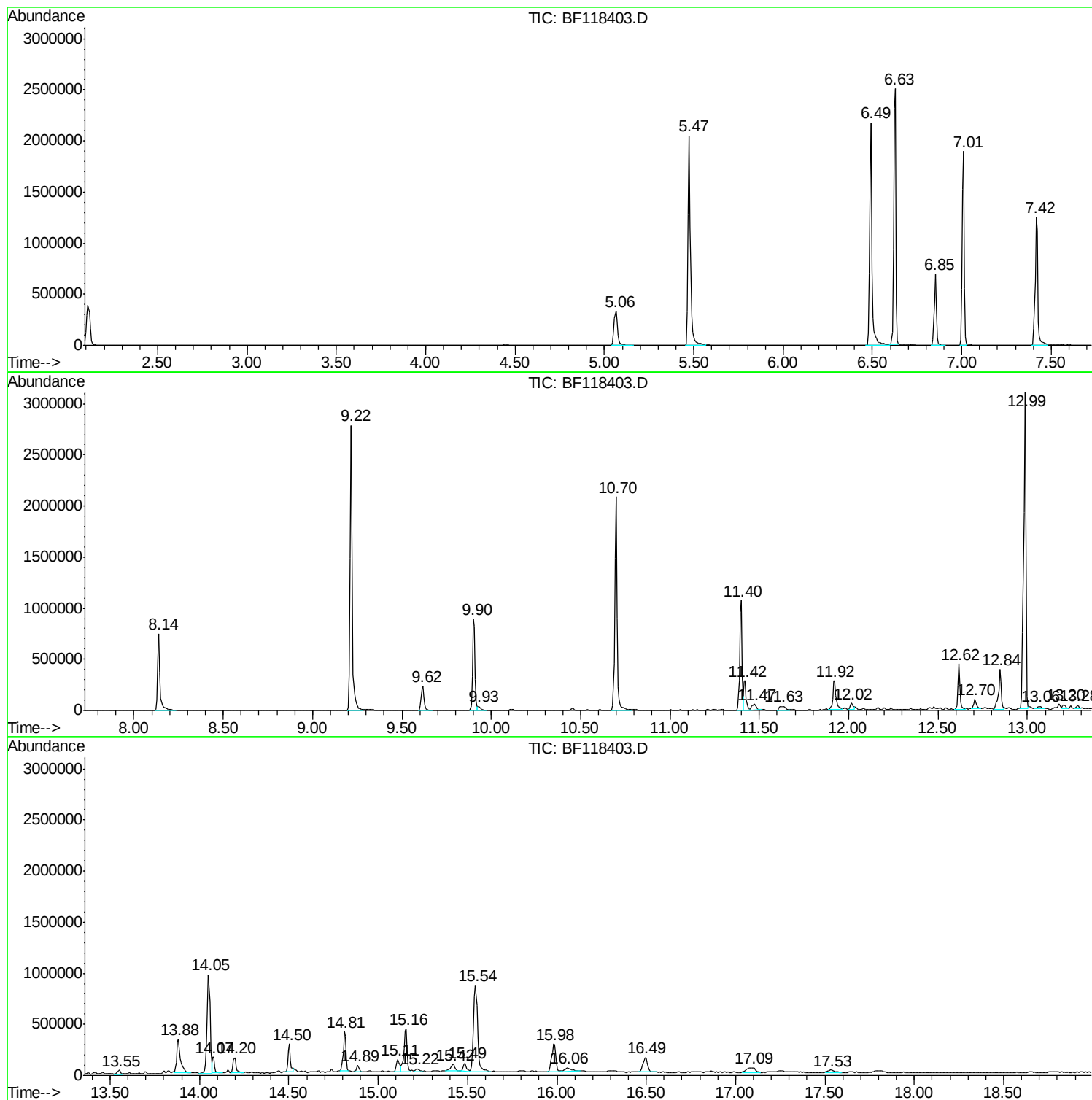
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Instrument :
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ClientSampled :
GP-11-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.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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Instrument :
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ClientSampleId :
GP-11-(1-3)

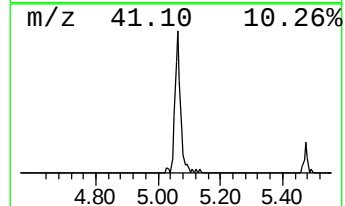
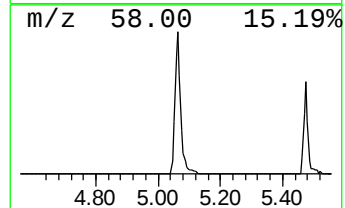
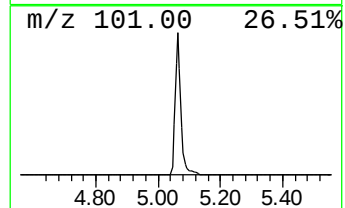
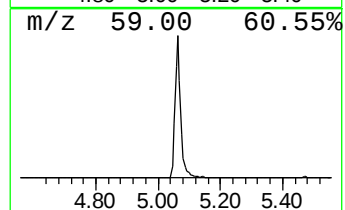
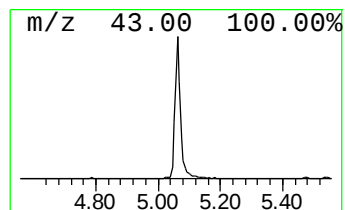
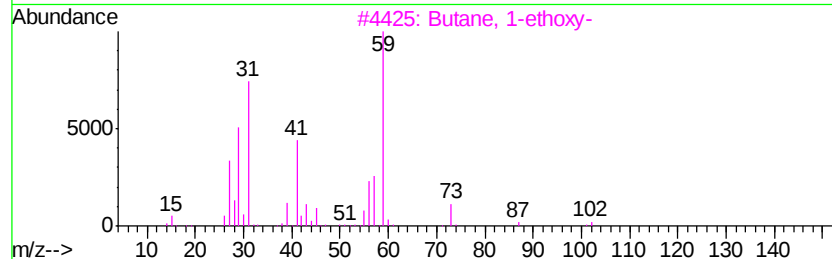
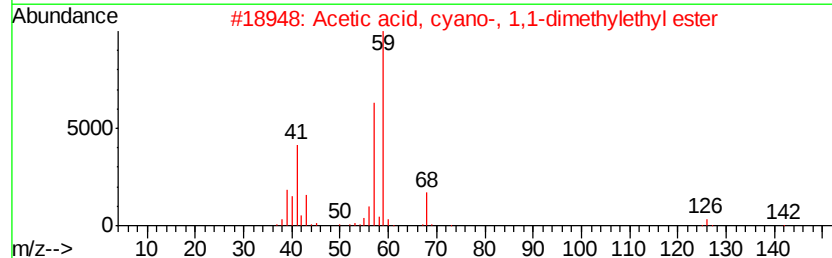
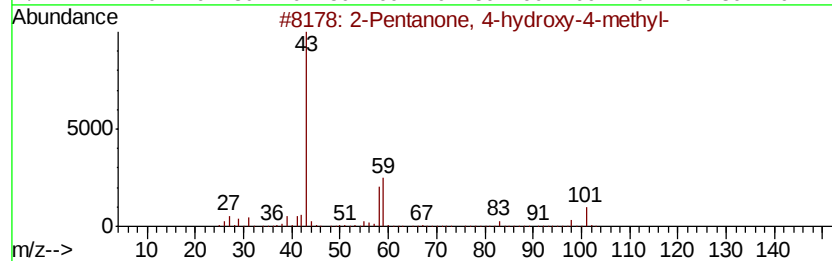
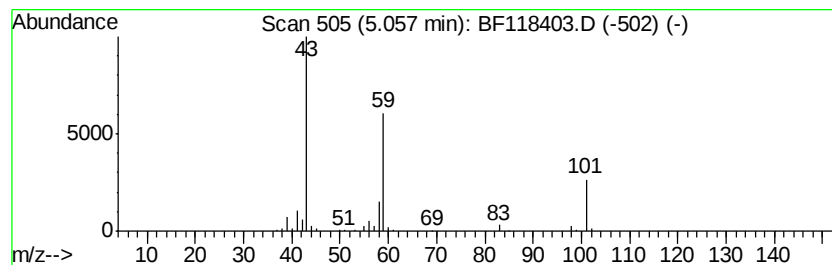
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	14.68 ng	419685	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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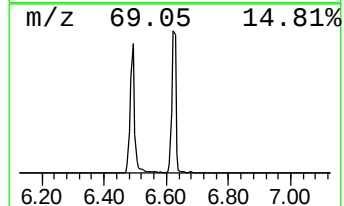
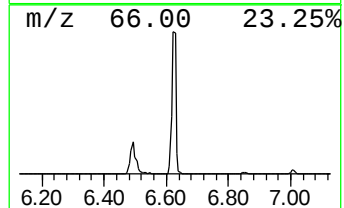
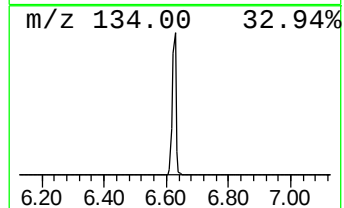
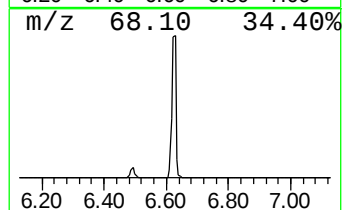
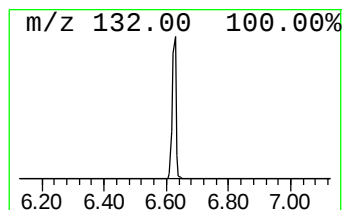
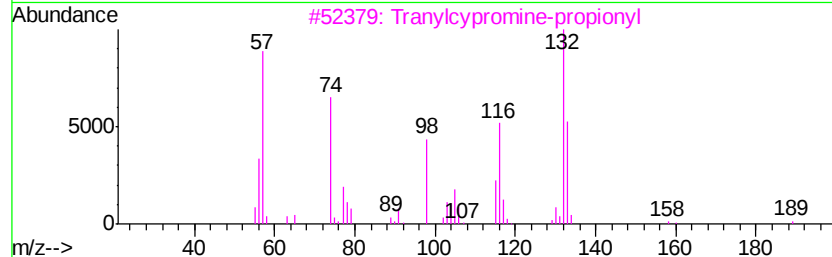
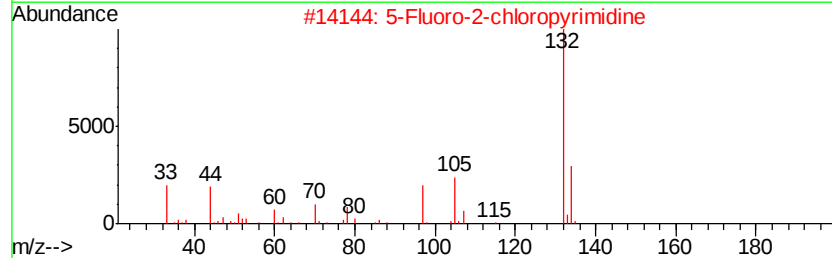
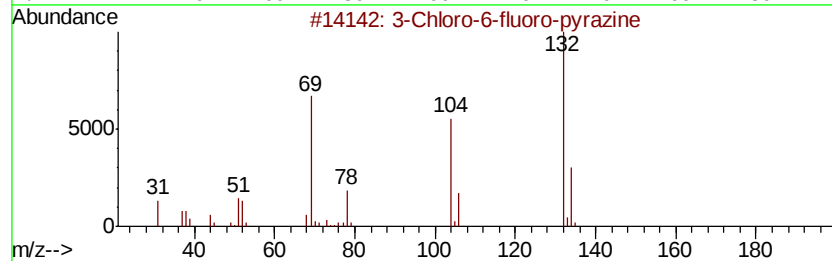
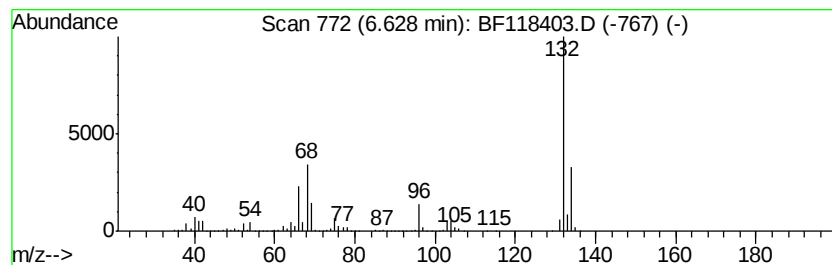
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	77.93 ng	2227740	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	16
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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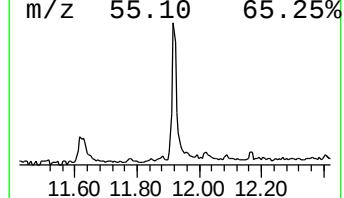
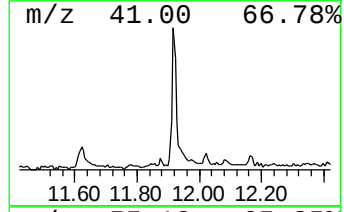
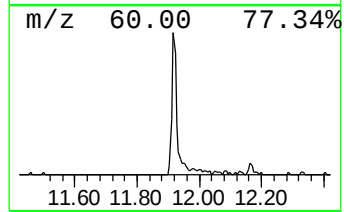
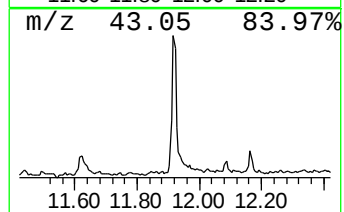
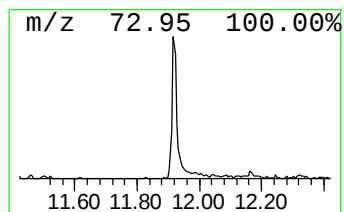
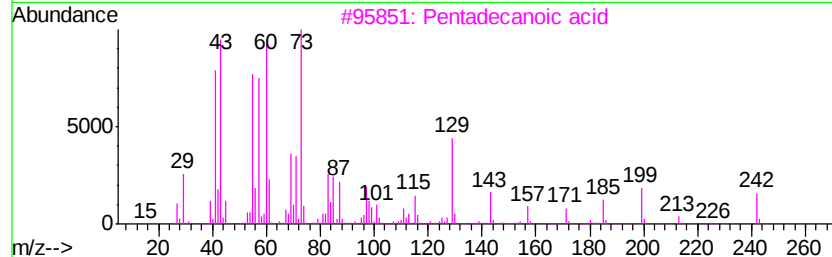
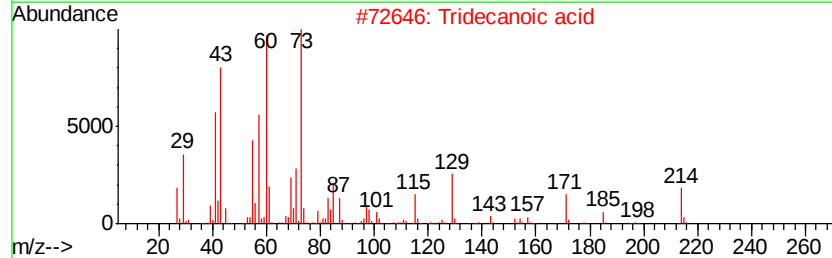
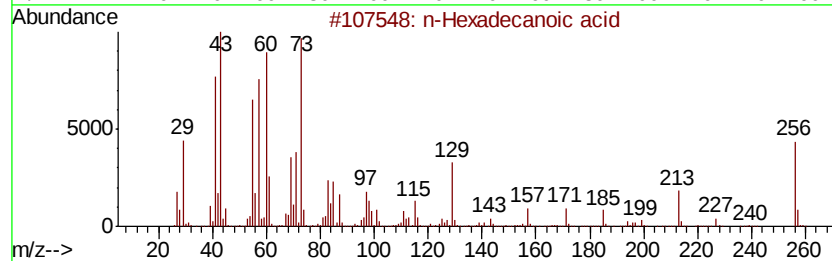
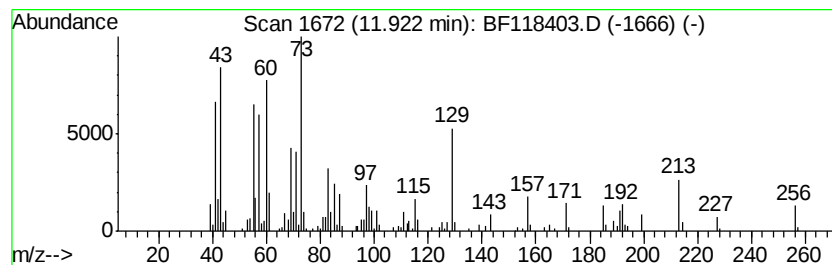
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.67 ng	379023	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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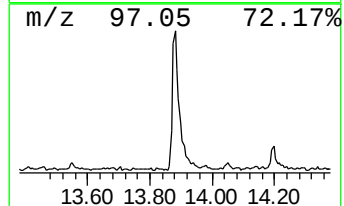
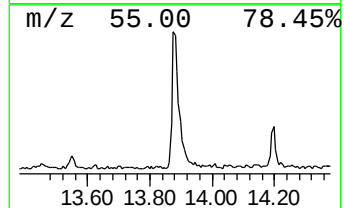
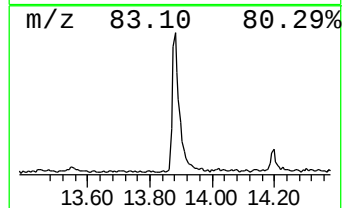
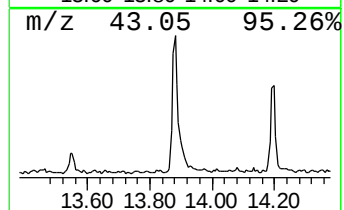
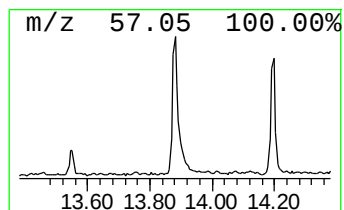
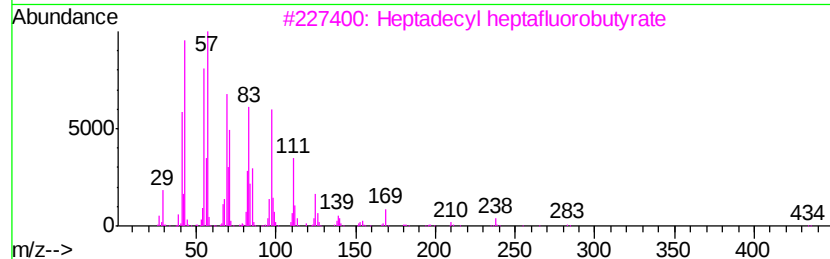
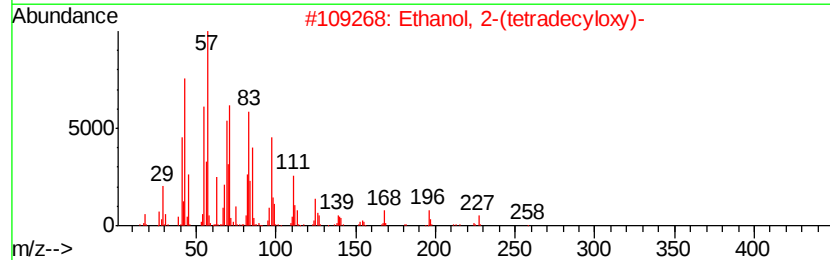
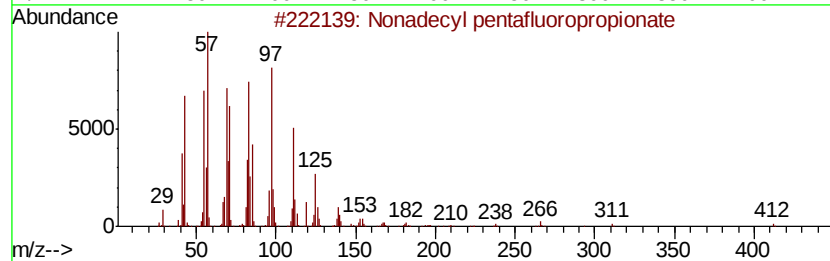
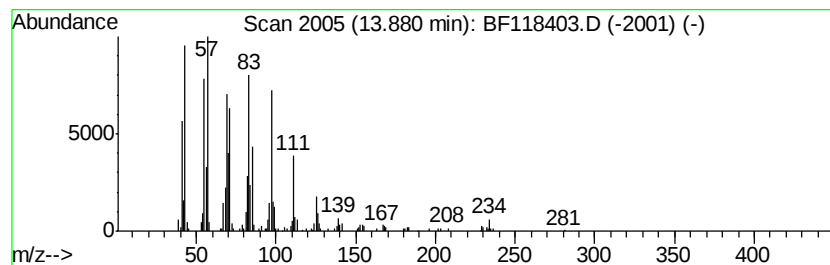
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonadecyl pentafluoropropio... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.44 ng	501015	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	90
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
5		1-Docosene	308	C22H44	001599-67-3	87



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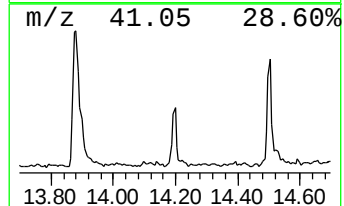
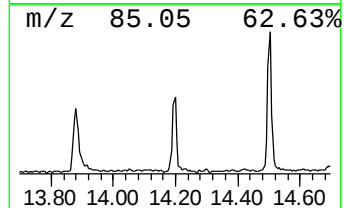
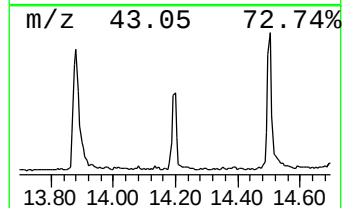
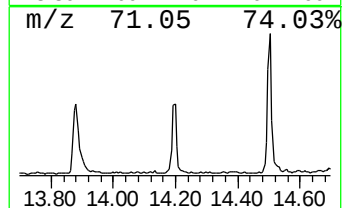
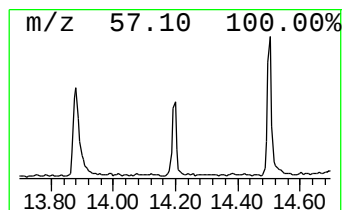
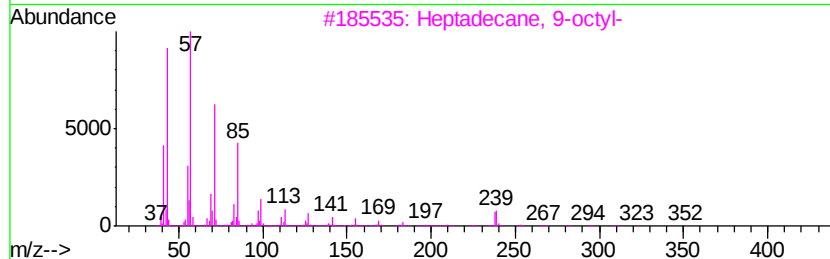
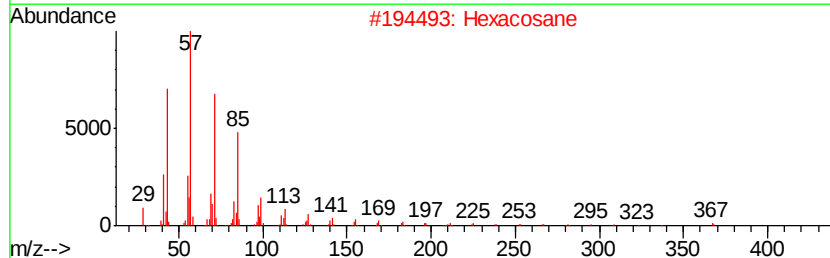
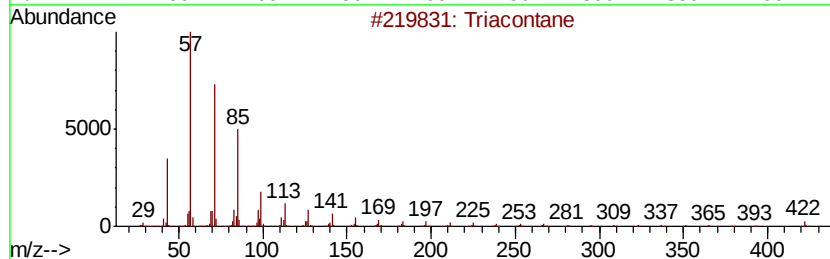
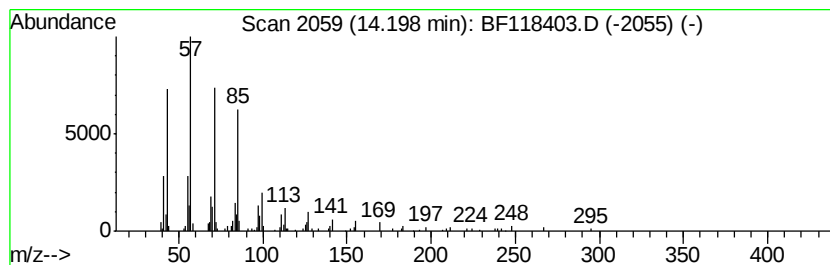
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.00 ng	159245	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	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\BF123119\
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 Acq On : 31 Dec 2019 14:12
 Operator : JU
 Sample : K6465-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

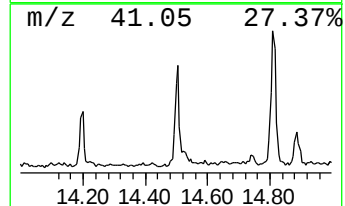
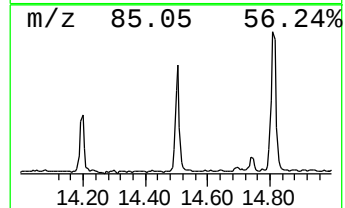
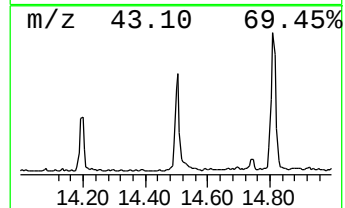
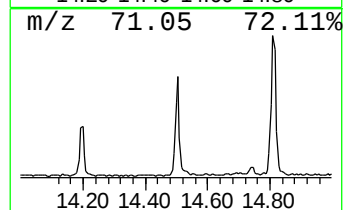
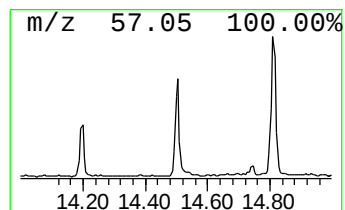
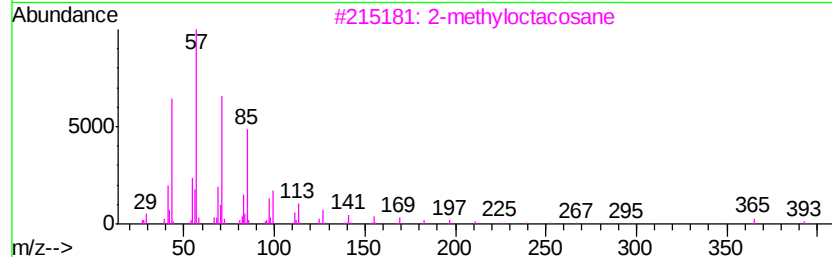
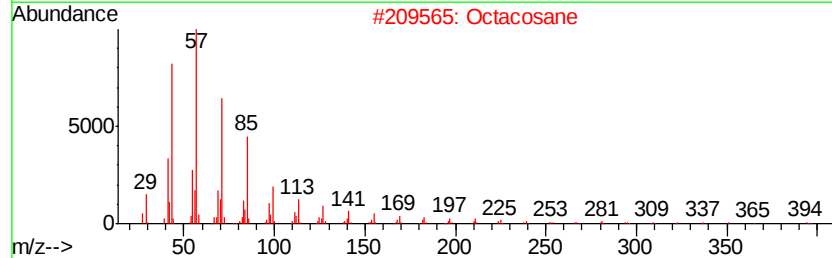
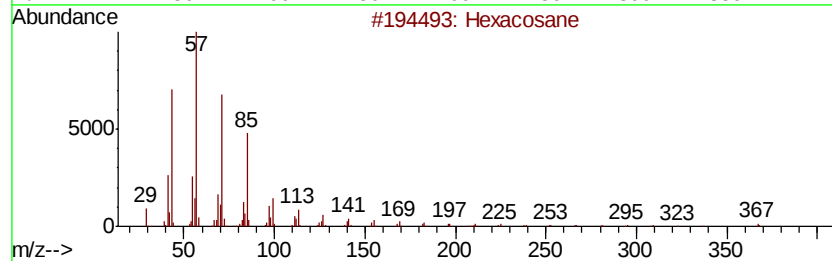
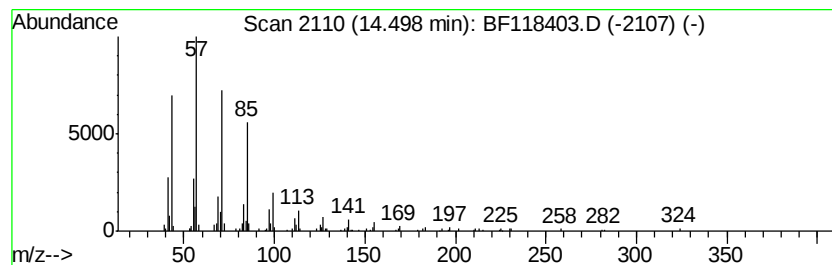
Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	4.92 ng	261238	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Octacosane	394 C28H58	000630-02-4	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
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Acq On : 31 Dec 2019 14:12
Operator : JU
Sample : K6465-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

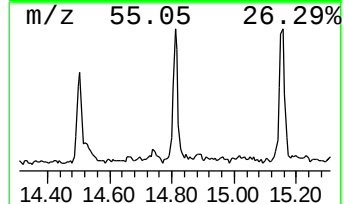
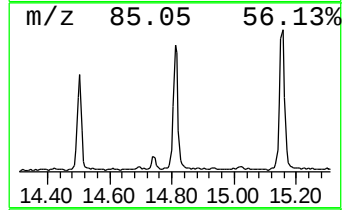
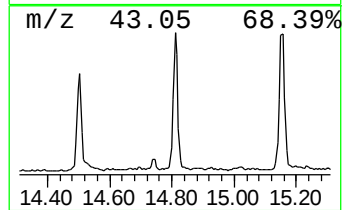
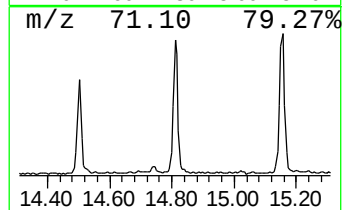
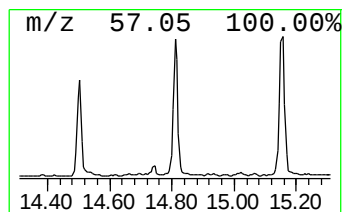
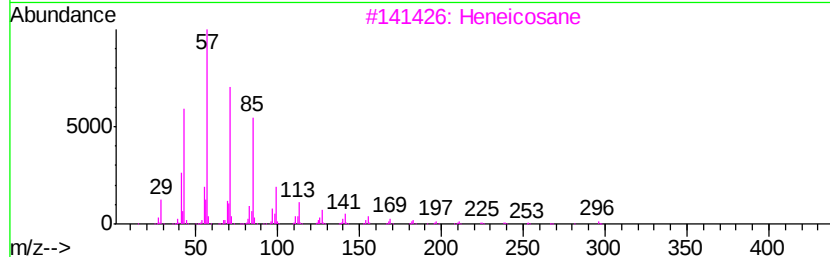
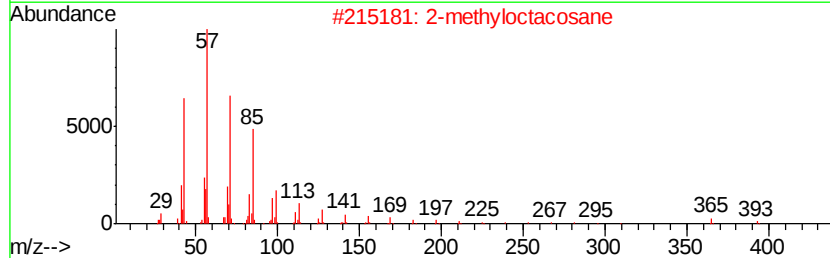
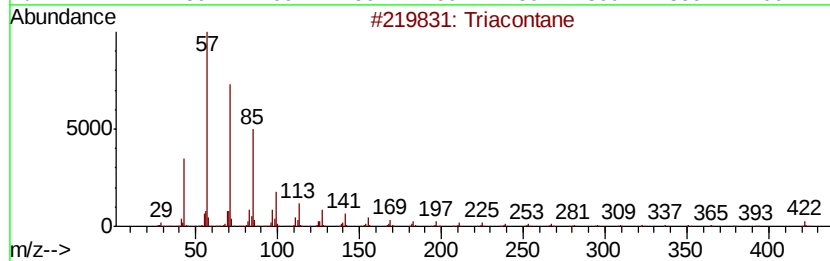
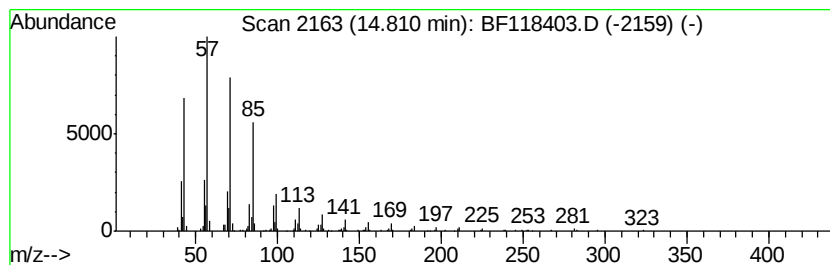
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.81	6.22 ng	397375	Perylene-d12		15.54		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118403.D
Acq On : 31 Dec 2019 14:12
Operator : JU
Sample : K6465-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-11-(1-3)

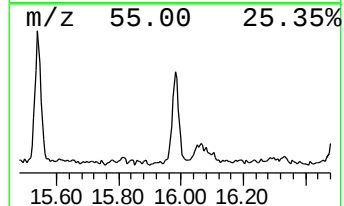
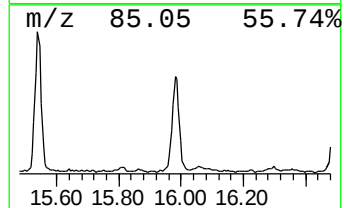
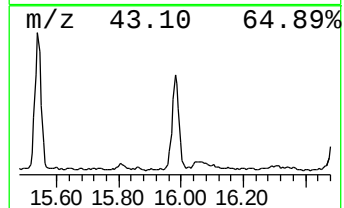
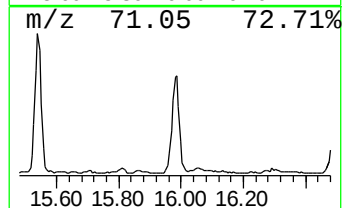
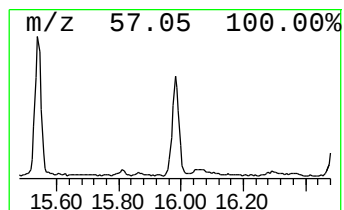
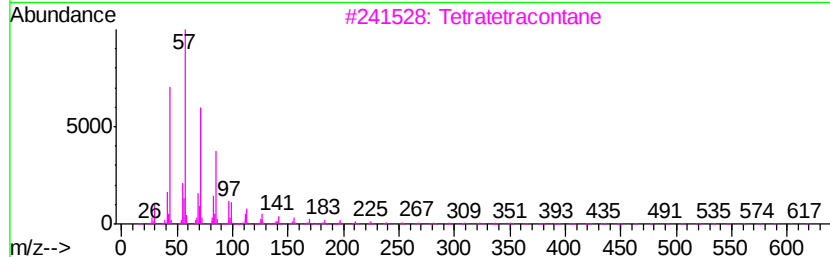
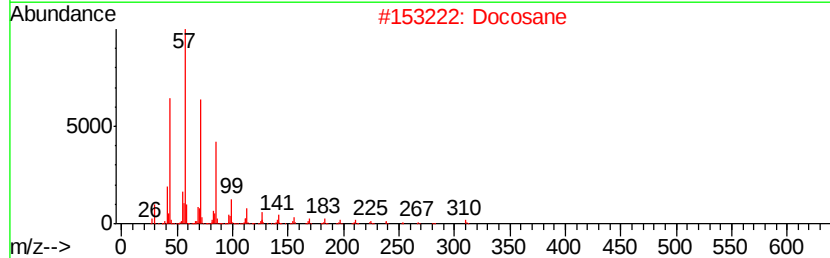
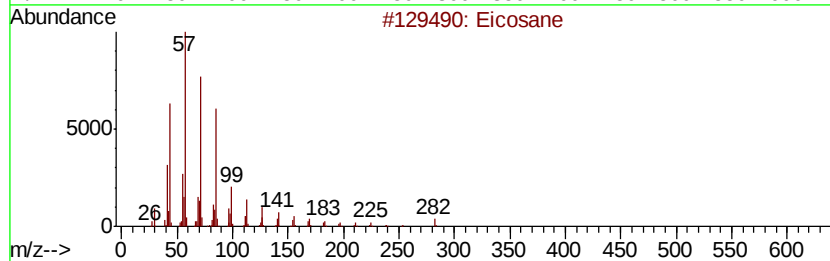
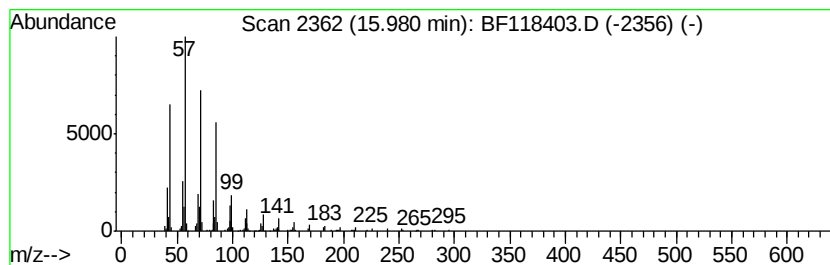
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	6.82 ng	435482	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Docosane		310	C22H46	000629-97-0	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118403.D
Acq On : 31 Dec 2019 14:12
Operator : JU
Sample : K6465-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

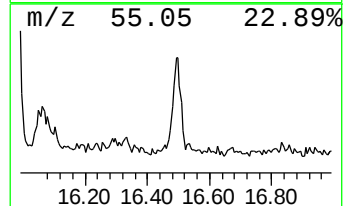
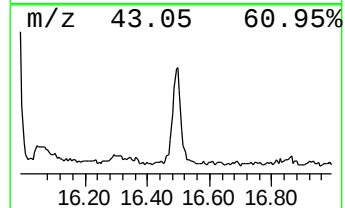
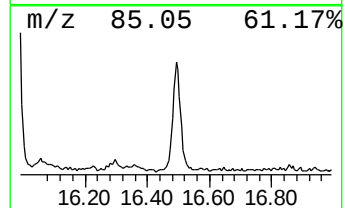
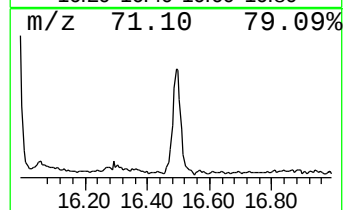
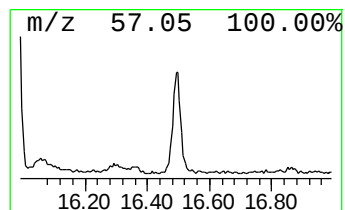
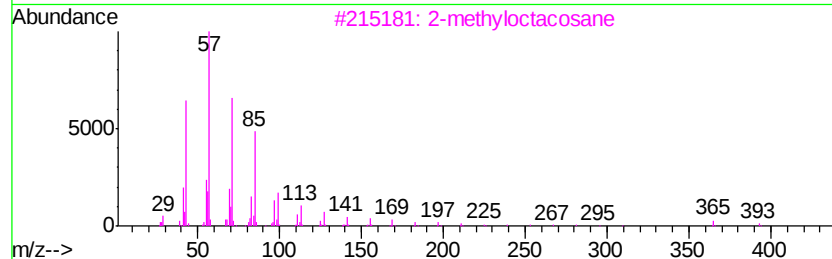
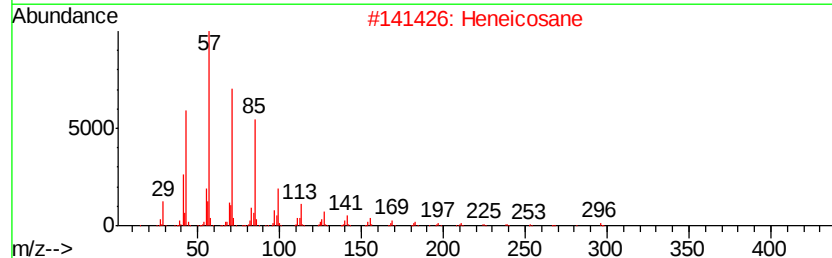
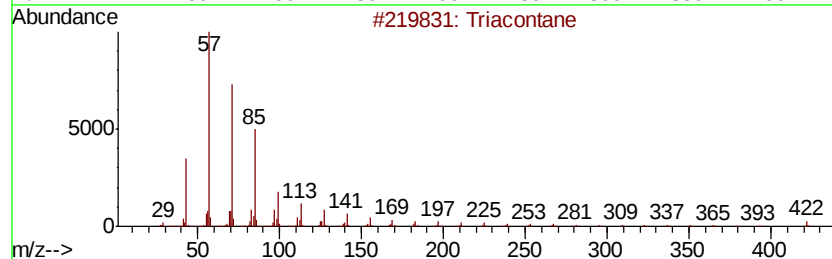
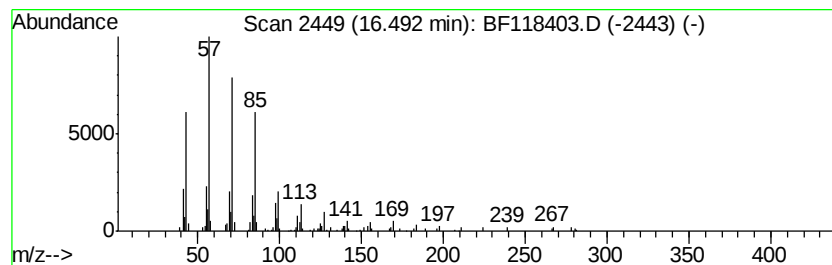
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.49	3.97 ng	253544	Perylene-d12		15.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118403.D
 Acq On : 31 Dec 2019 14:12
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 GP-11-(1-3)

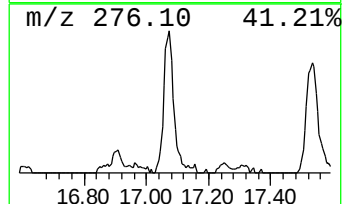
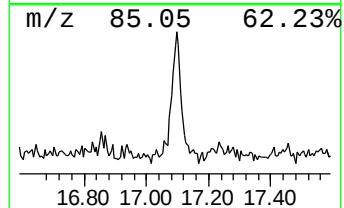
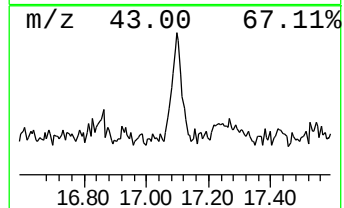
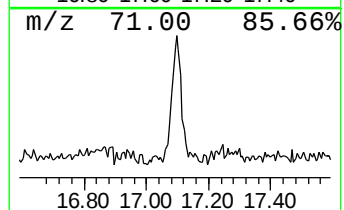
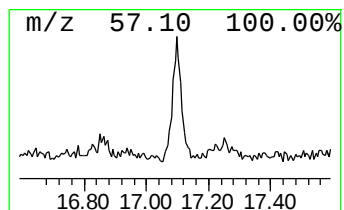
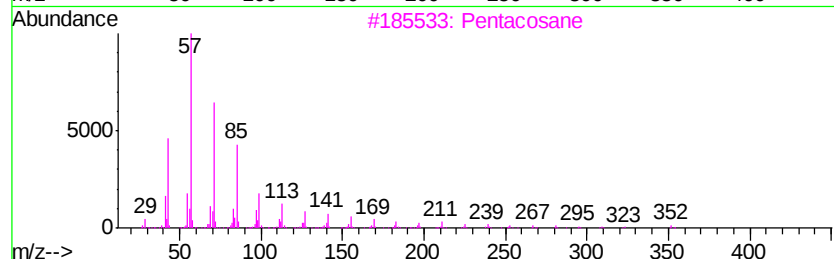
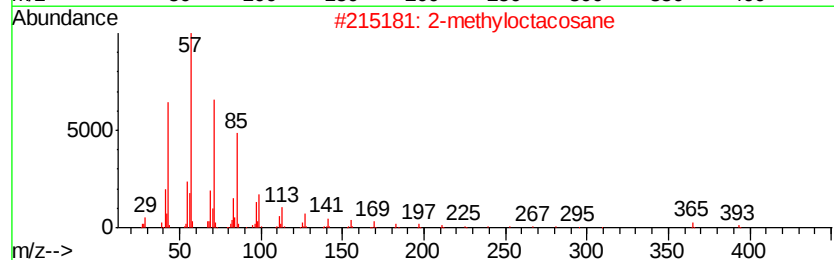
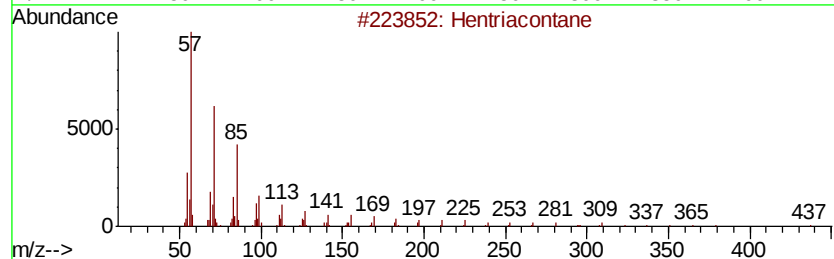
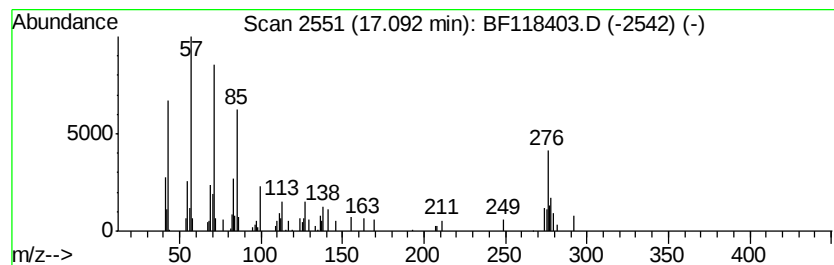
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	2.46 ng	157088	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	53
2		2-methyloctacosane	408	C29H60	1000376-72-8	49
3		Pentacosane	352	C25H52	000629-99-2	49
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
5		10-Methylnonadecane	282	C20H42	056862-62-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123119\
 Data File : BF118403.D
 Acq On : 31 Dec 2019 14:12
 Operator : JU
 Sample : K6465-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-11-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	14.7	ng	419685	1	6.85	571698	20.0
unknown6.63	6.63	77.9	ng	2227740	1	6.85	571698	20.0
n-Hexadecanoic acid	11.92	7.7	ng	379023	4	11.40	988104	20.0
Nonadecyl pentafl...	13.88	9.4	ng	501015	5	14.05	1061680	20.0
Triacontane	14.20	3.0	ng	159245	5	14.05	1061680	20.0
Hexacosane	14.50	4.9	ng	261238	5	14.05	1061680	20.0
Heptadecane, 9-oc...	14.81	6.2	ng	397375	6	15.54	1277540	20.0
Eicosane	15.98	6.8	ng	435482	6	15.54	1277540	20.0
Heneicosane, 11-(...	16.49	4.0	ng	253544	6	15.54	1277540	20.0
Hentriacontane	17.09	2.5	ng	157088	6	15.54	1277540	20.0