

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112453.D
 Acq On : 7 Feb 2019 22:05
 Operator : JU/SJ
 Sample : K1403-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

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-BF012519.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	2.128	3	7	17	rVB	111734	165864	5.30%	0.616%
2	5.057	501	505	515	rBV	82304	113598	3.63%	0.422%
3	5.475	572	576	592	rBV	2462608	2568193	82.00%	9.545%
4	6.486	743	748	765	rBV	2653712	2753931	87.93%	10.236%
5	6.610	765	769	776	rBV	3324963	2840745	90.70%	10.558%
6	6.833	803	807	815	rBV	787161	718783	22.95%	2.672%
7	6.986	829	833	837	rBV	2444634	2201877	70.31%	8.184%
8	7.398	898	903	913	rBV	1646095	1689174	53.94%	6.278%
9	8.116	1021	1025	1033	rBV	944598	877710	28.03%	3.262%
10	8.827	1143	1146	1150	rBV	56759	54077	1.73%	0.201%
11	8.927	1158	1163	1166	rBV	60205	54841	1.75%	0.204%
12	9.186	1203	1207	1218	rBV	3508124	3131868	100.00%	11.640%
13	9.463	1249	1254	1258	rBV2	32182	48028	1.53%	0.179%
14	9.527	1261	1265	1268	rVV	54227	64390	2.06%	0.239%
15	9.580	1271	1274	1282	rVV	186011	198344	6.33%	0.737%
16	9.645	1282	1285	1294	rVB	28794	47328	1.51%	0.176%
17	9.869	1315	1323	1327	rBV	1161770	1037438	33.13%	3.856%
18	10.416	1413	1416	1421	rVB2	38991	46256	1.48%	0.172%
19	10.663	1454	1458	1471	rBV	1810028	1721248	54.96%	6.398%
20	11.357	1572	1576	1579	rBV	1036948	924366	29.51%	3.436%
21	11.380	1579	1580	1587	rVB	143830	108895	3.48%	0.405%
22	11.880	1662	1665	1673	rVB3	174709	211684	6.76%	0.787%
23	11.974	1678	1681	1683	rBV2	46547	49139	1.57%	0.183%
24	12.410	1750	1755	1757	rBV	32574	33575	1.07%	0.125%
25	12.574	1779	1783	1787	rBV	70603	74594	2.38%	0.277%
26	12.663	1796	1798	1804	rBV4	30344	40994	1.31%	0.152%
27	12.804	1816	1822	1829	rBV	98626	123048	3.93%	0.457%
28	12.939	1841	1845	1848	rBV	2862950	2445187	78.07%	9.088%
29	13.133	1871	1878	1880	rBV2	29175	44083	1.41%	0.164%
30	13.504	1936	1941	1944	rBV4	23793	37427	1.20%	0.139%
31	13.827	1992	1996	2004	rBV	239157	283368	9.05%	1.053%
32	14.004	2021	2026	2029	rBV	799615	838309	26.77%	3.116%
33	14.086	2038	2040	2043	rBV4	41705	39999	1.28%	0.149%
34	14.145	2047	2050	2053	rBV2	51766	54792	1.75%	0.204%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.451	2099	2102	2108	rVB2	65273	88854	2.84%	0.330%
36	14.751	2148	2153	2156	rVB2	72175	93053	2.97%	0.346%
37	14.827	2163	2166	2170	rVB	152274	146271	4.67%	0.544%
38	15.086	2207	2210	2213	rVB	77505	82940	2.65%	0.308%
39	15.474	2270	2276	2288	rBV	512004	770778	24.61%	2.865%
40	15.892	2343	2347	2353	rVB	51248	79925	2.55%	0.297%

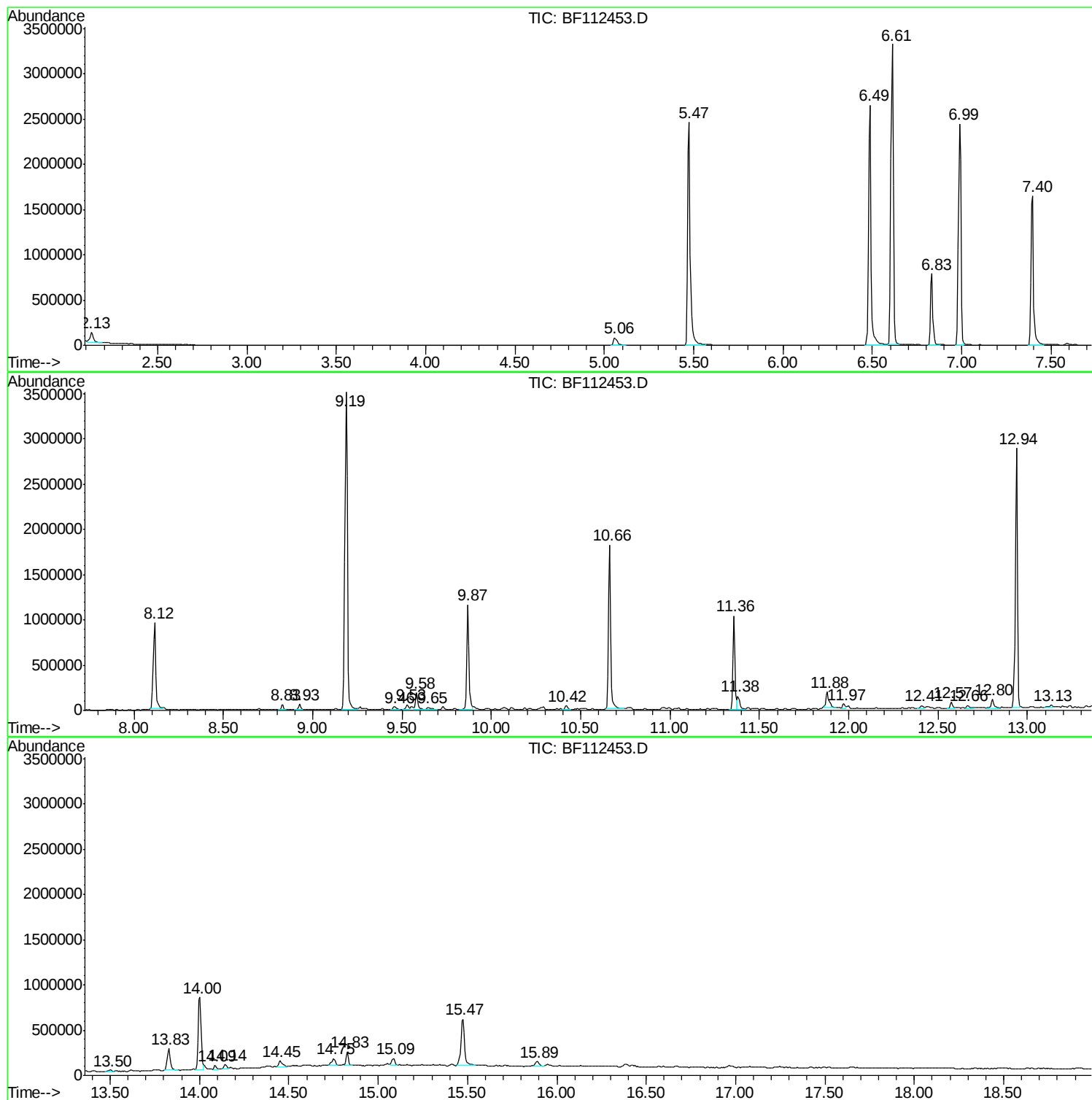
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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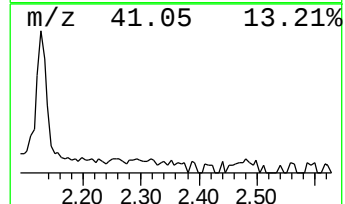
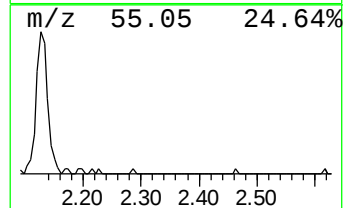
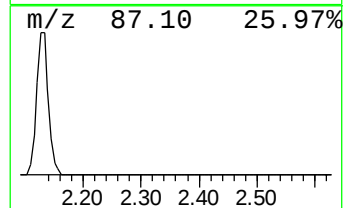
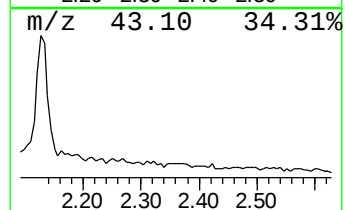
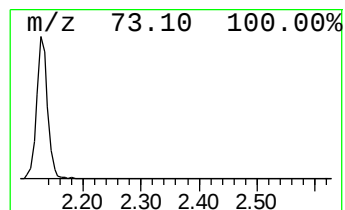
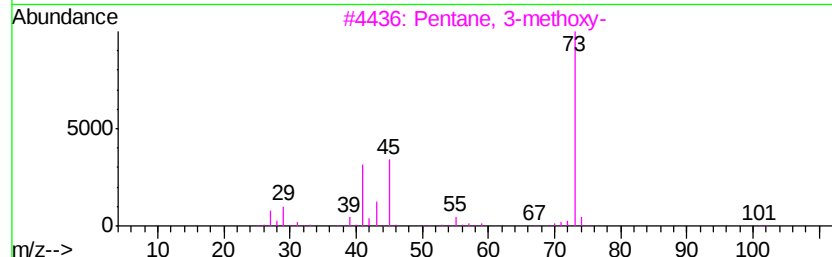
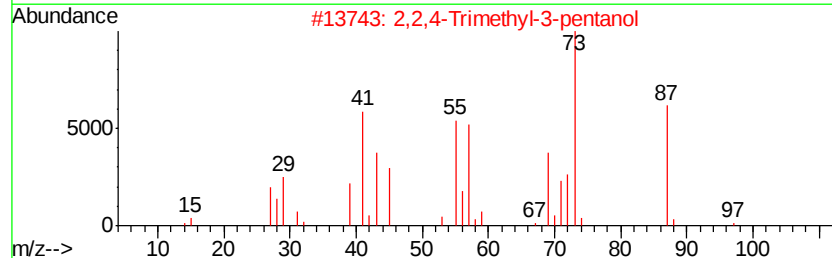
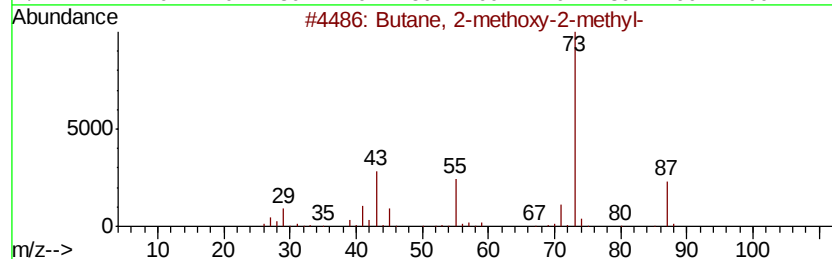
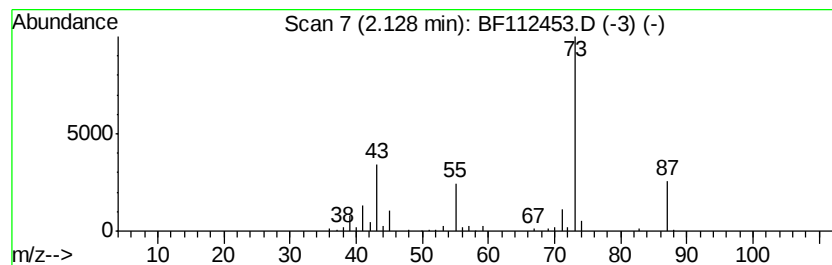
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.62 ng	165864	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	16



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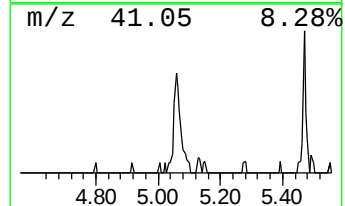
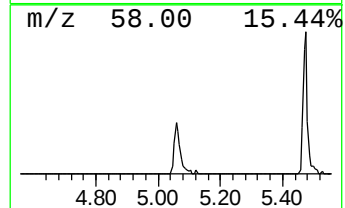
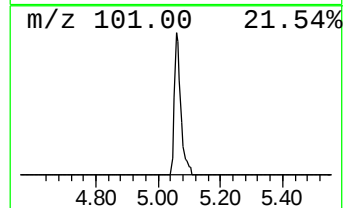
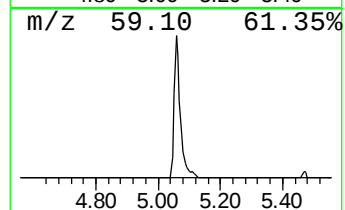
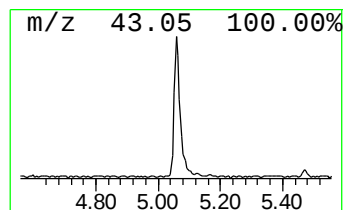
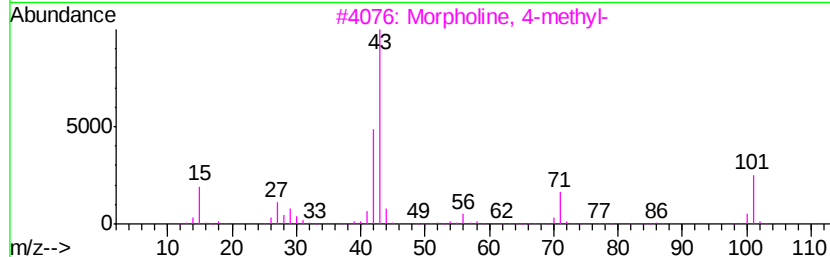
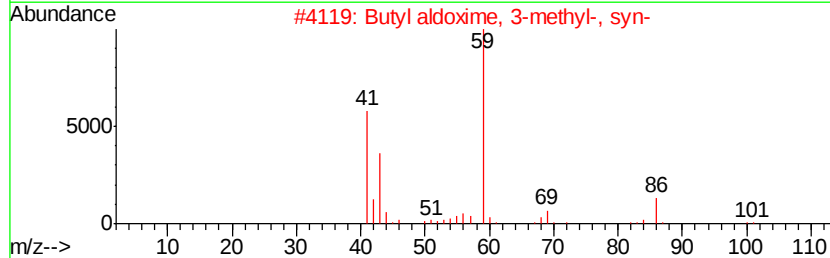
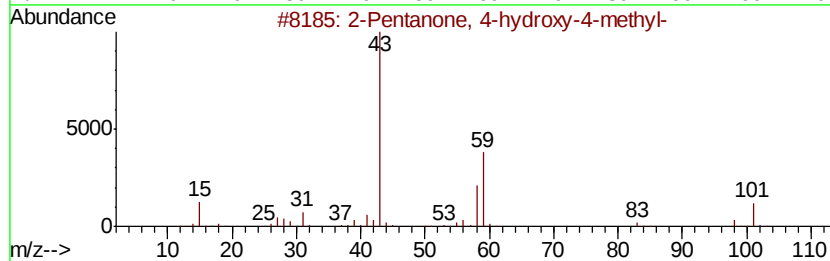
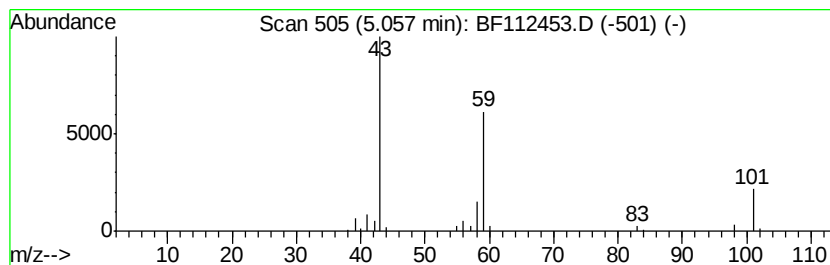
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.16 ng	113598	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Guanidine	59	CH5N3	000113-00-8	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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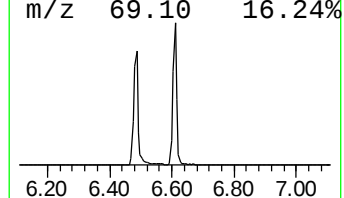
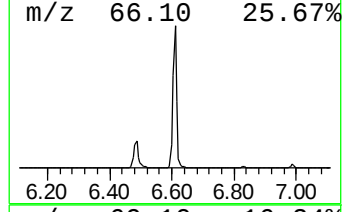
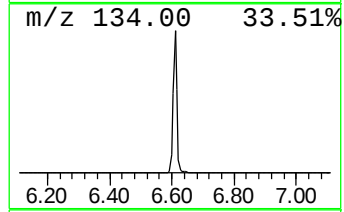
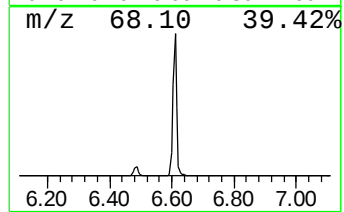
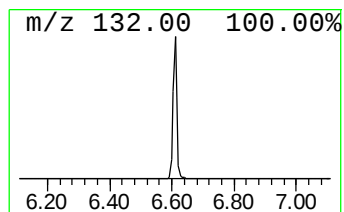
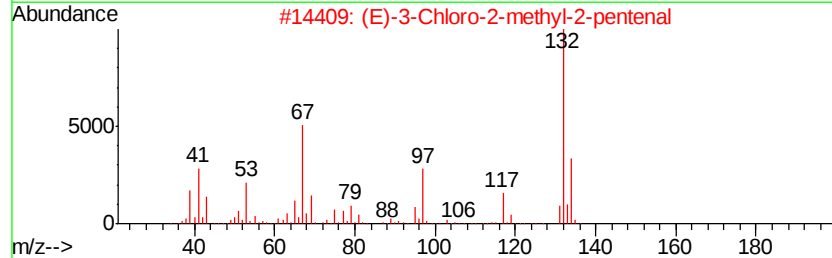
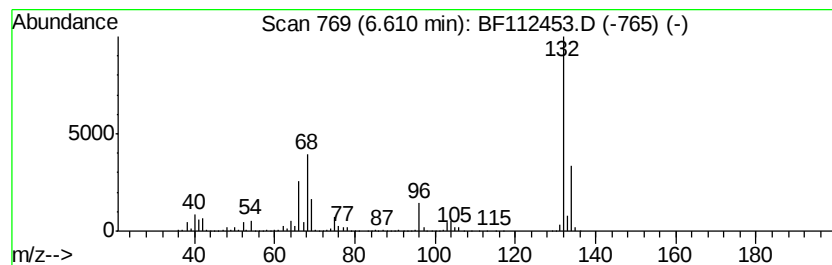
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	79.04 ng	2840750	1,4-Dichlorobenzene-d4	6.83

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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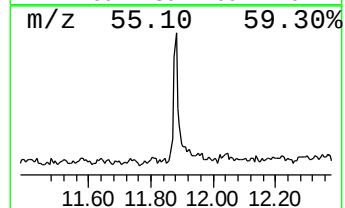
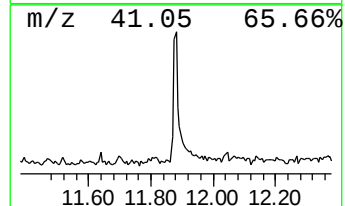
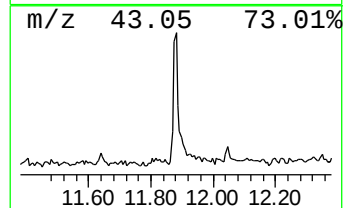
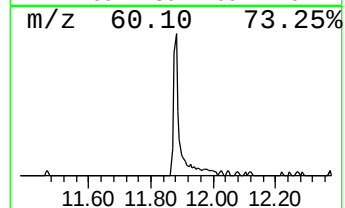
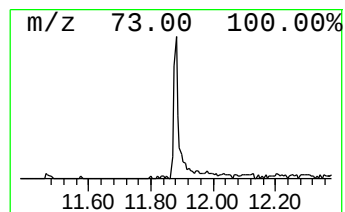
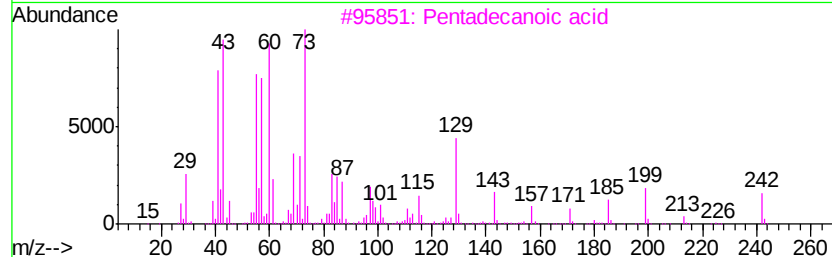
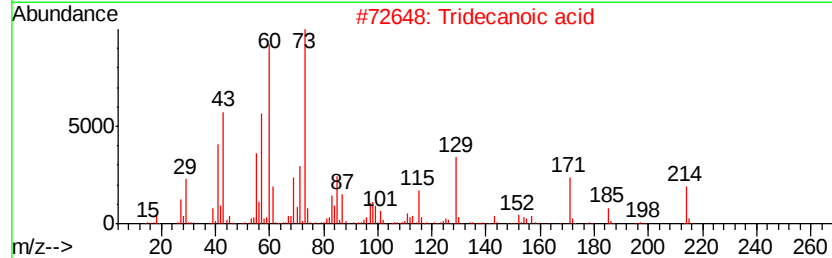
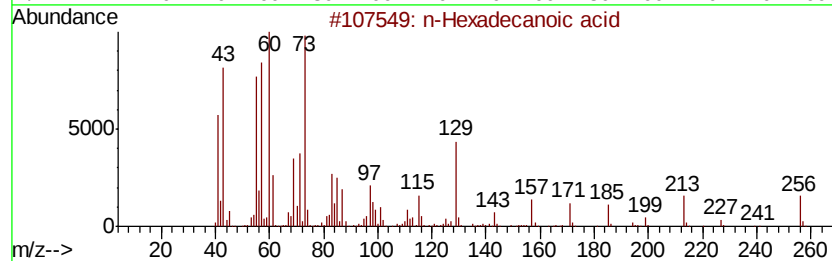
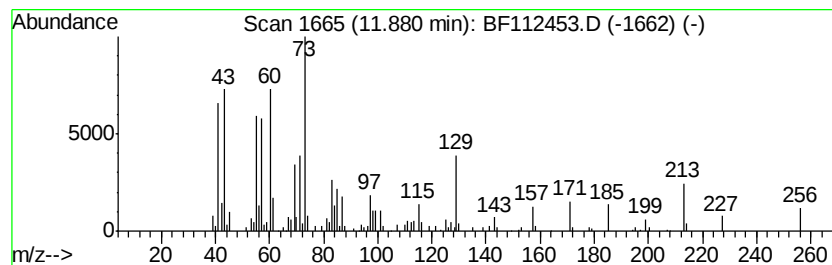
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.58 ng	211684	Phenanthrene-d10	11.36

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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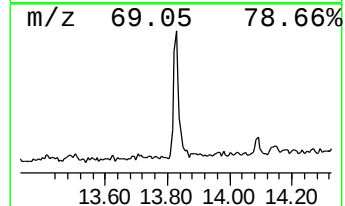
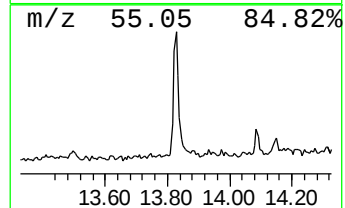
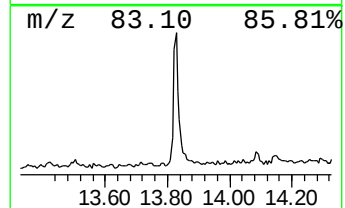
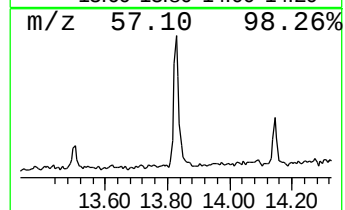
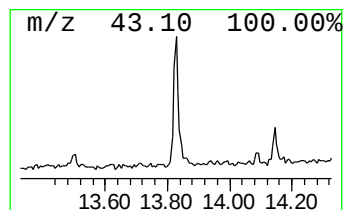
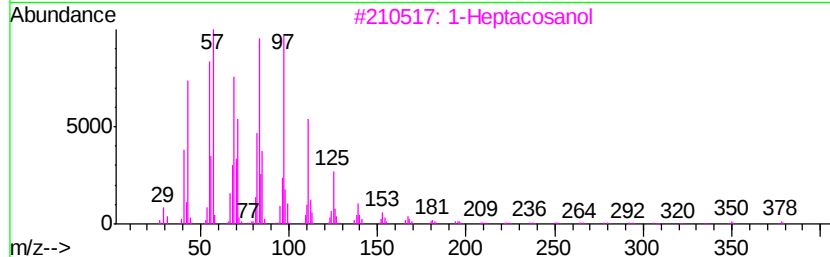
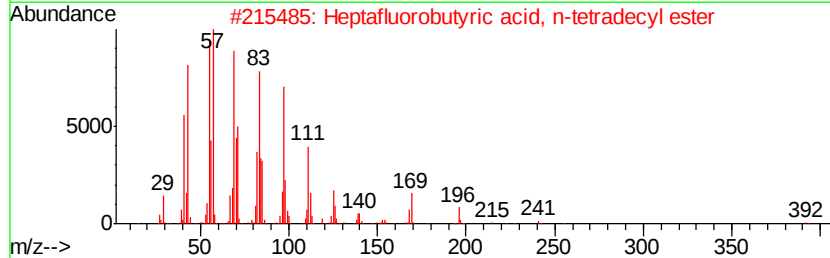
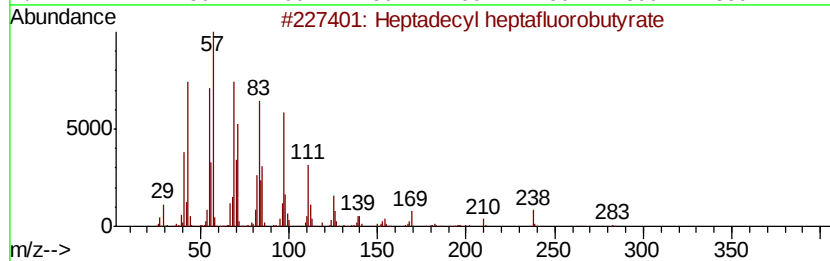
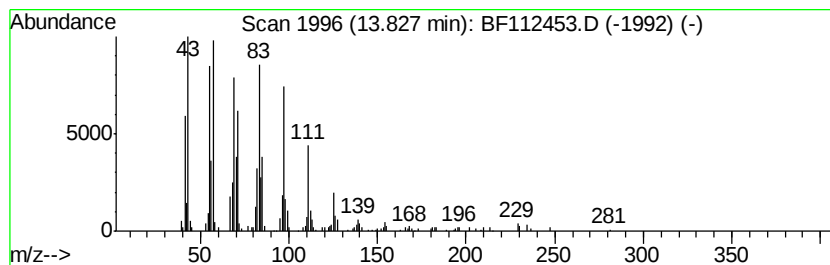
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.76 ng	283368	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112453.D
Acq On : 7 Feb 2019 22:05
Operator : JU/SJ
Sample : K1403-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

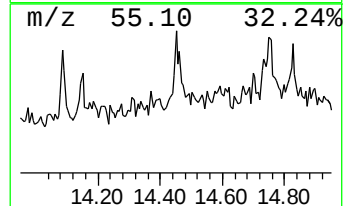
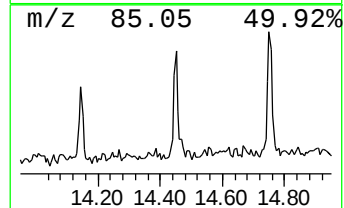
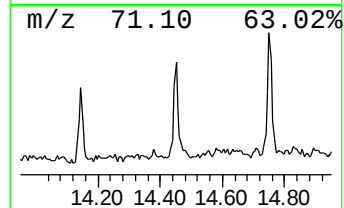
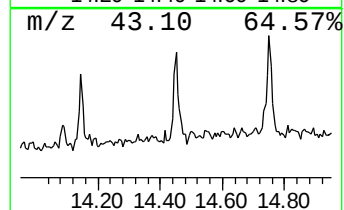
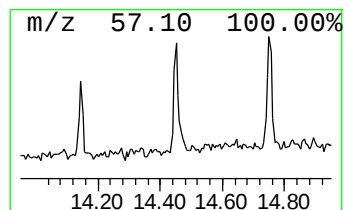
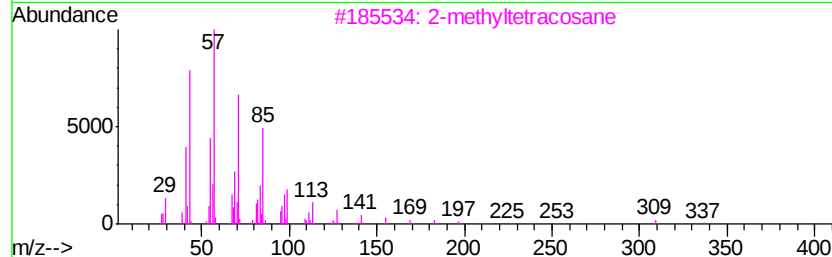
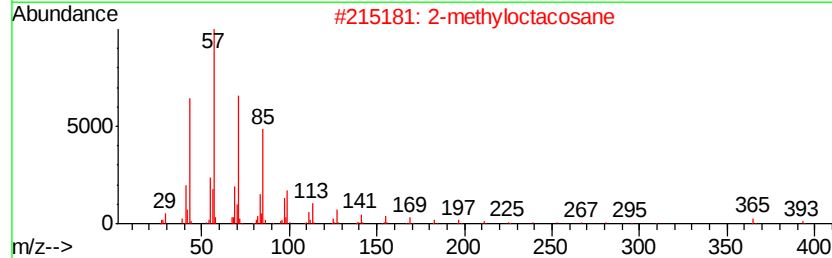
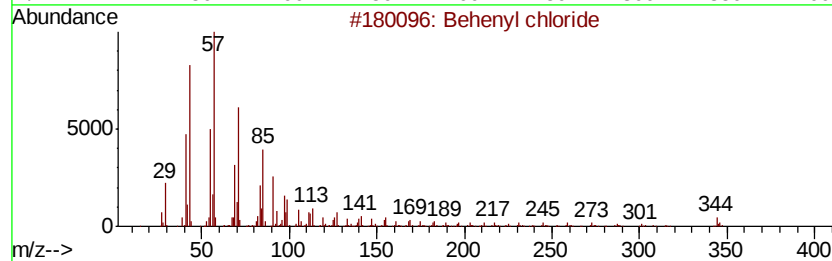
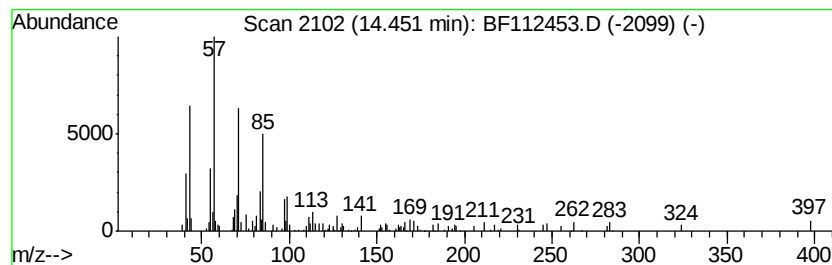
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Behenyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.45	2.12 ng	88854	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride	344	C22H45Cl	042217-03-8	86
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	2-methyltetracosane	352	C25H52	1000376-72-6	80
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112453.D
Acq On : 7 Feb 2019 22:05
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Sample : K1403-01
Misc :
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Instrument :
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ClientSampleId :
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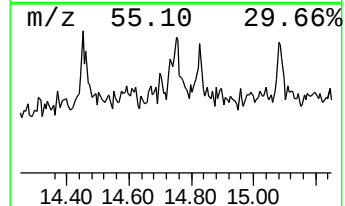
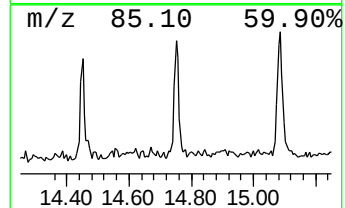
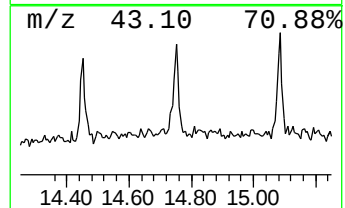
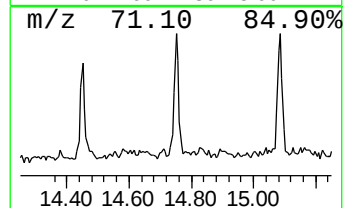
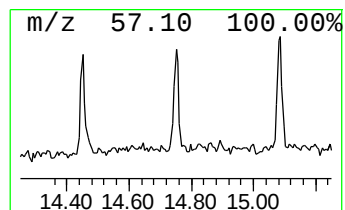
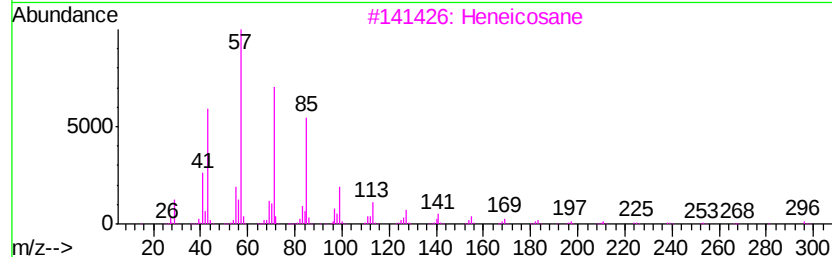
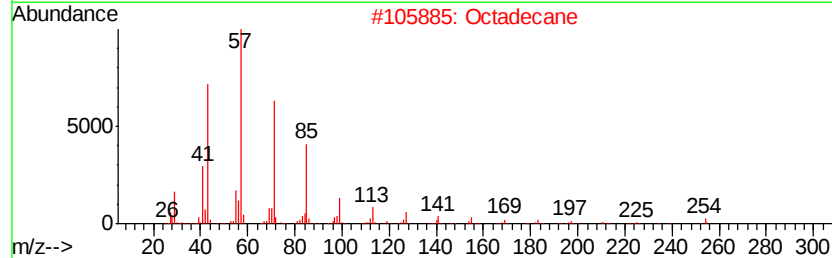
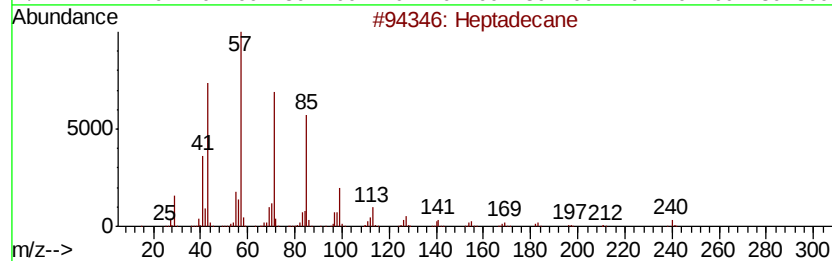
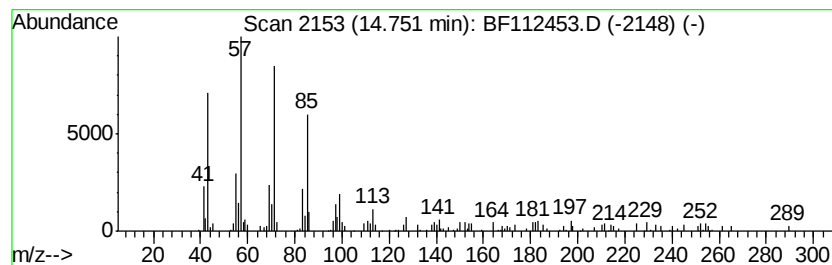
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.41 ng	93053	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Octadecane		254	C18H38	000593-45-3	95
3	Heneicosane		296	C21H44	000629-94-7	87
4	Hexacosane		366	C26H54	000630-01-3	87
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112453.D
Acq On : 7 Feb 2019 22:05
Operator : JU/SJ
Sample : K1403-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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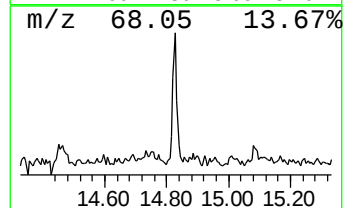
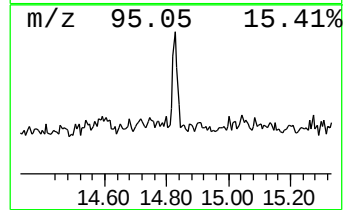
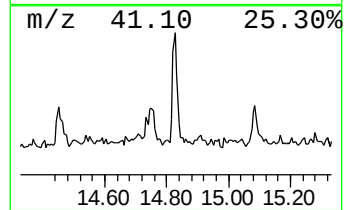
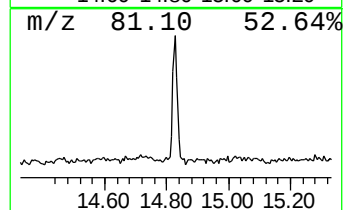
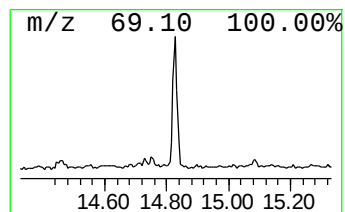
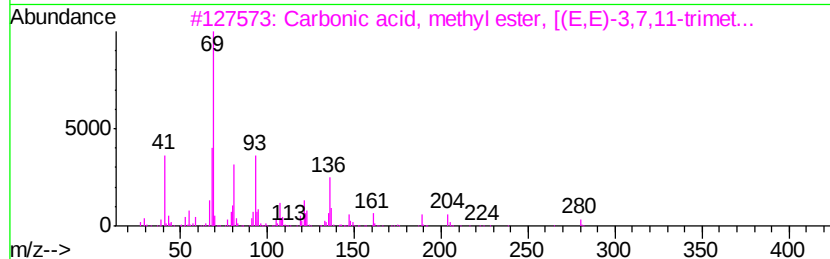
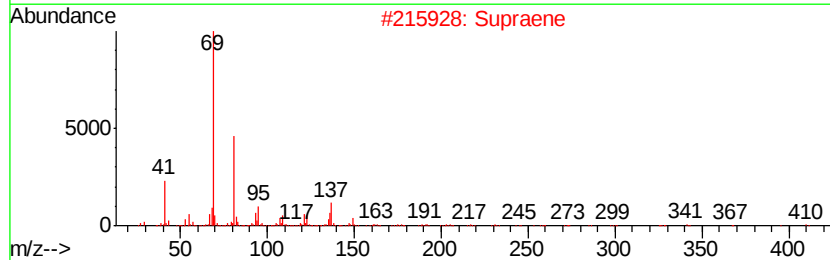
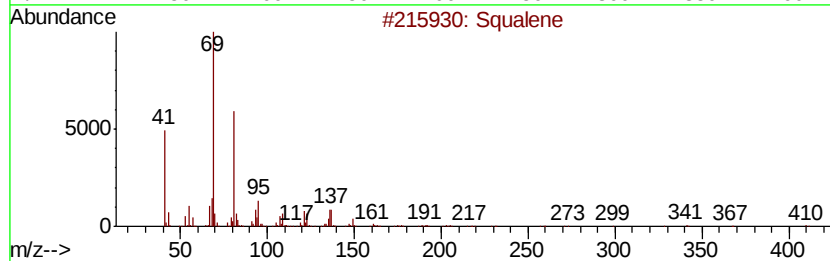
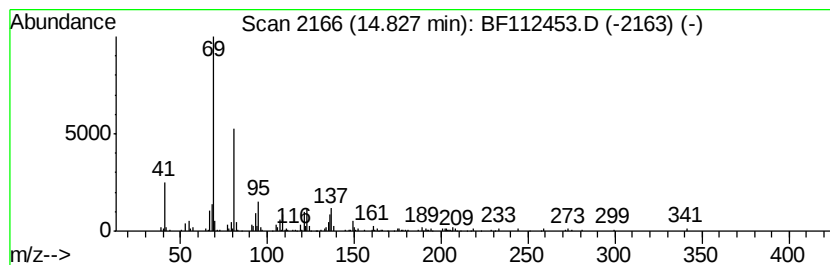
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.80 ng	146271	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	86
2		Supraene	410	C30H50	007683-64-9	83
3		Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	59
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59
5		trans-Farnesol	222	C15H26O	000106-28-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112453.D
Acq On : 7 Feb 2019 22:05
Operator : JU/SJ
Sample : K1403-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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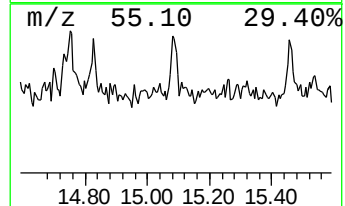
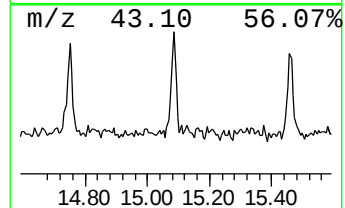
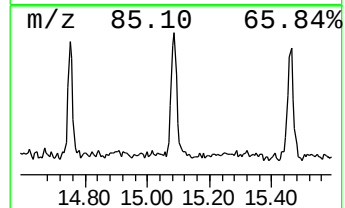
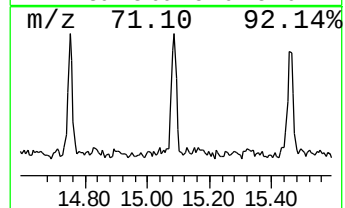
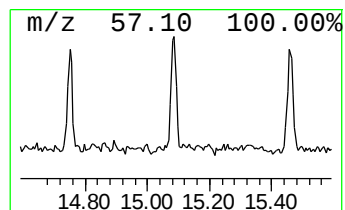
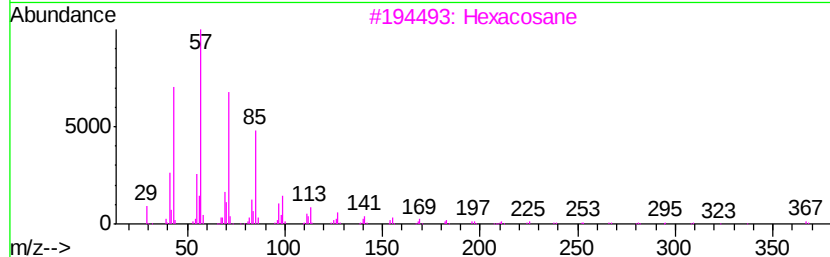
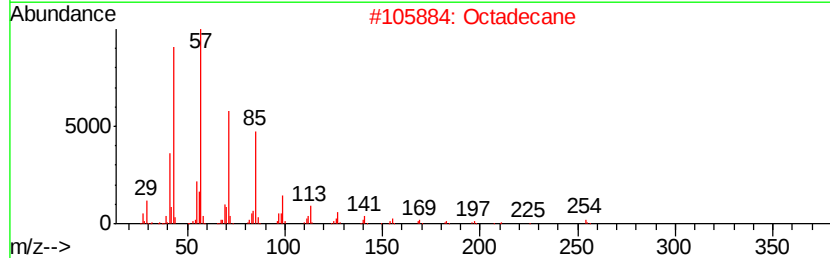
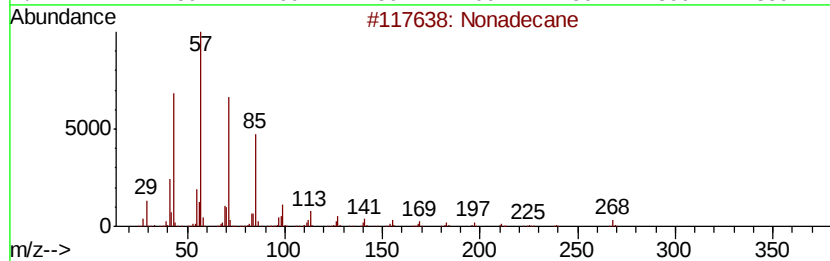
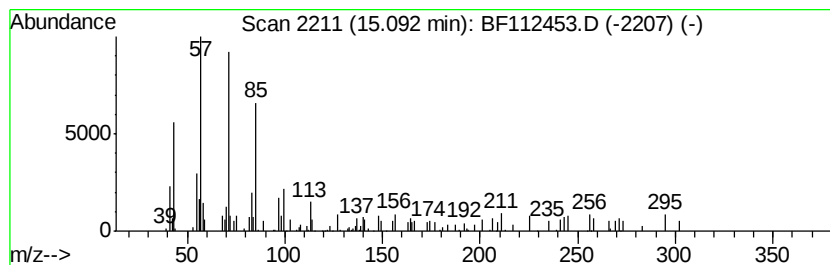
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.15 ng	82940	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Octadecane		254	C18H38	000593-45-3	90
3	Hexacosane		366	C26H54	000630-01-3	87
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetracosane		338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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Acq On : 7 Feb 2019 22:05
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Sample : K1403-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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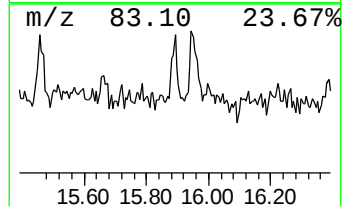
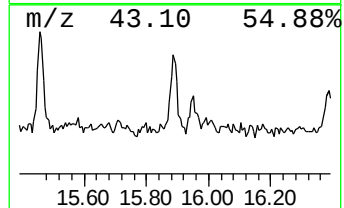
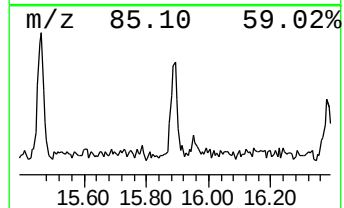
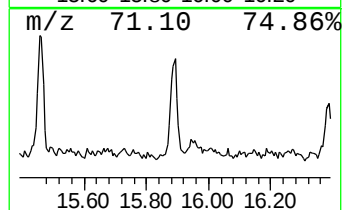
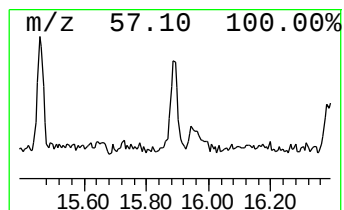
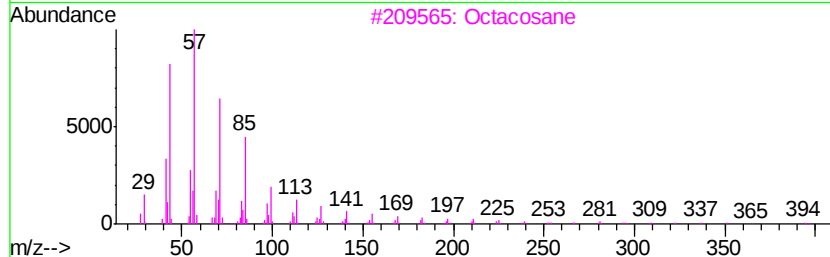
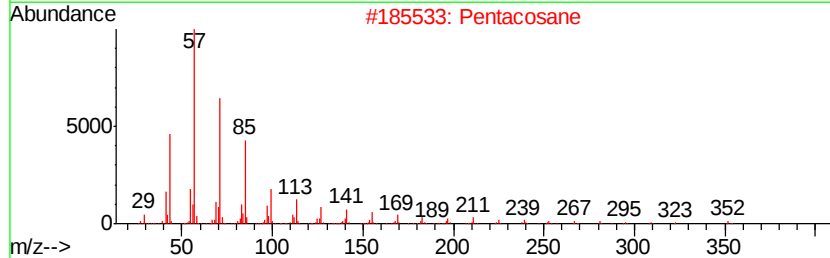
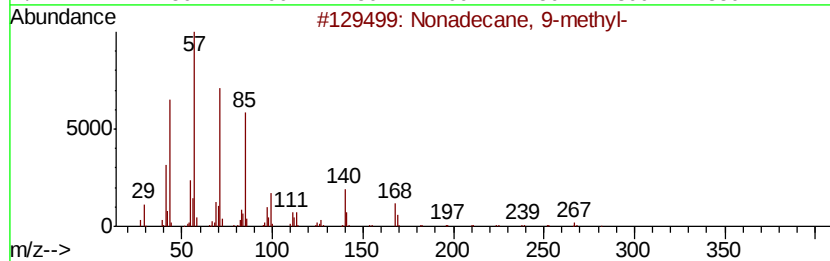
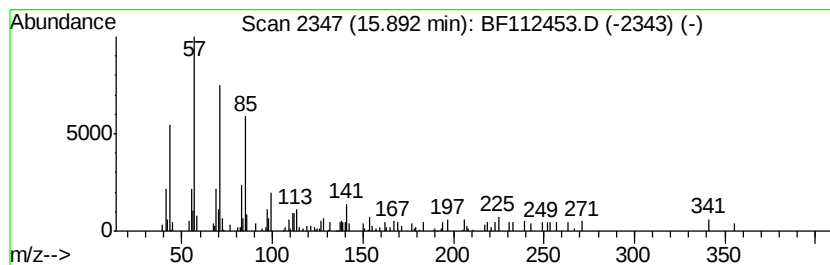
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.07 ng	79925	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2		Pentacosane	352	C25H52	000629-99-2	72
3		Octacosane	394	C28H58	000630-02-4	72
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
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 Misc :
 ALS Vial : 23 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.06	3.2	ng	113598	1	6.83	718783	20.0
unknown6.61	6.61	79.0	ng	2840750	1	6.83	718783	20.0
n-Hexadecanoic acid	11.88	4.6	ng	211684	4	11.36	924366	20.0
Heptadecyl hepta...	13.83	6.8	ng	283368	5	14.00	838309	20.0
Behenyl chloride	14.45	2.1	ng	88854	5	14.00	838309	20.0
Heptadecane	14.75	2.4	ng	93053	6	15.47	770778	20.0
Squalene	14.83	3.8	ng	146271	6	15.47	770778	20.0
Nonadecane	15.09	2.1	ng	82940	6	15.47	770778	20.0
Nonadecane, 9-met...	15.89	2.1	ng	79925	6	15.47	770778	20.0