

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
 Data File : BF117362.D
 Acq On : 10 Oct 2019 16:15
 Operator : JU
 Sample : K5297-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CONCRETE

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-BF091319.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	4.375	386	389	400	rBV	28405	46844	4.14%	0.507%
2	4.992	491	494	510	rBV	134866	178394	15.75%	1.933%
3	5.422	564	567	583	rBV	297206	377519	33.34%	4.090%
4	6.439	736	740	758	rBV	610444	775901	68.52%	8.405%
5	6.569	758	762	775	rVB	627172	570902	50.42%	6.185%
6	6.792	797	800	812	rBV	265466	248146	21.91%	2.688%
7	6.951	823	827	843	rBV	757483	698839	61.72%	7.571%
8	7.357	892	896	918	rBV	454031	543415	47.99%	5.887%
9	8.075	1013	1018	1027	rBV	260624	318327	28.11%	3.448%
10	8.133	1027	1028	1036	rVB2	14543	16690	1.47%	0.181%
11	8.498	1086	1090	1093	rBV	16774	14833	1.31%	0.161%
12	8.669	1115	1119	1123	rBV	32786	28627	2.53%	0.310%
13	9.098	1189	1192	1197	rVB	22960	18310	1.62%	0.198%
14	9.151	1197	1201	1211	rBV	1151481	1073013	94.76%	11.624%
15	9.233	1211	1215	1225	rVB	52167	64800	5.72%	0.702%
16	9.545	1264	1268	1272	rBV2	104983	117969	10.42%	1.278%
17	9.763	1302	1305	1309	rBV	33453	34211	3.02%	0.371%
18	9.827	1313	1316	1326	rVB	385494	387530	34.22%	4.198%
19	10.257	1387	1389	1392	rVB	16897	13099	1.16%	0.142%
20	10.480	1422	1427	1429	rBV3	12495	15124	1.34%	0.164%
21	10.627	1449	1452	1461	rBV	46086	66302	5.86%	0.718%
22	10.727	1466	1469	1474	rBV4	31570	39528	3.49%	0.428%
23	11.174	1543	1545	1548	rBV	48486	44414	3.92%	0.481%
24	11.204	1548	1550	1557	rVB2	31398	36632	3.24%	0.397%
25	11.316	1566	1569	1578	rBV	369953	409163	36.13%	4.433%
26	11.521	1602	1604	1607	rBV3	11144	11963	1.06%	0.130%
27	11.604	1615	1618	1620	rBV	40256	34965	3.09%	0.379%
28	11.839	1656	1658	1660	rBV3	17785	15881	1.40%	0.172%
29	12.010	1684	1687	1689	rBV	23570	20642	1.82%	0.224%
30	12.898	1834	1838	1845	rBV	1212692	1132349	100.00%	12.267%
31	13.121	1870	1876	1879	rBV4	10474	14912	1.32%	0.162%
32	13.792	1986	1990	2002	rBV3	138211	238546	21.07%	2.584%
33	13.962	2015	2019	2031	rVB	337541	357637	31.58%	3.874%
34	14.110	2041	2044	2049	rBV2	42554	48218	4.26%	0.522%

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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 >
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35	14.415	2091	2096	2099	rBV	86723	83954	7.41%	0.909%
36	14.715	2143	2147	2152	rBV	133440	134570	11.88%	1.458%
37	14.786	2157	2159	2163	rVB2	11955	12503	1.10%	0.135%
38	15.045	2198	2203	2207	rBV	157642	166445	14.70%	1.803%
39	15.415	2260	2266	2276	rBV2	297348	489926	43.27%	5.307%
40	15.833	2331	2337	2342	rBV	100571	153065	13.52%	1.658%
41	15.898	2343	2348	2361	rVB8	17228	62225	5.50%	0.674%
42	16.315	2413	2419	2424	rBV	42525	73074	6.45%	0.792%
43	16.880	2511	2515	2522	rVB6	14630	28341	2.50%	0.307%
44	17.556	2627	2630	2636	rVB7	7757	13137	1.16%	0.142%

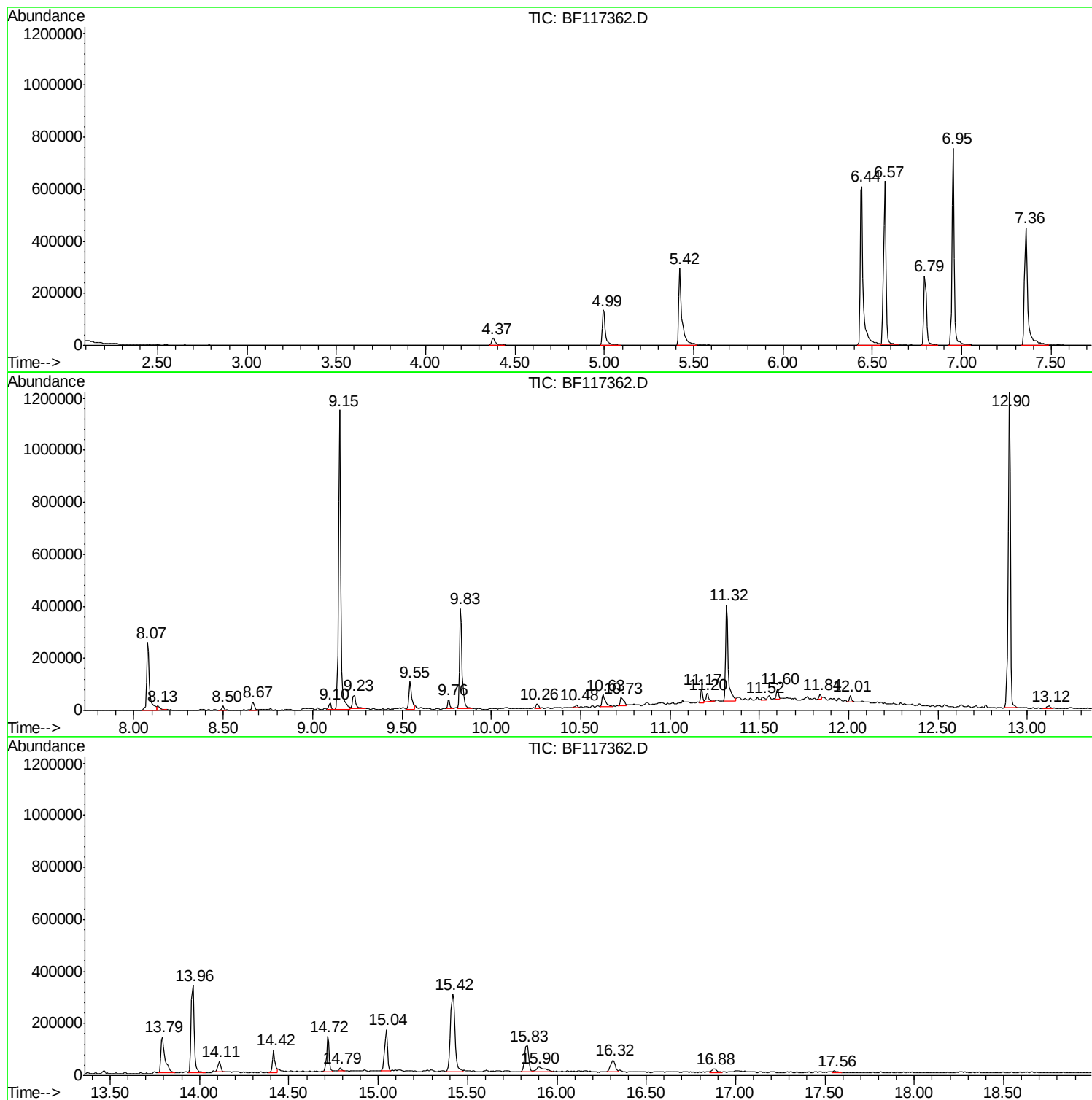
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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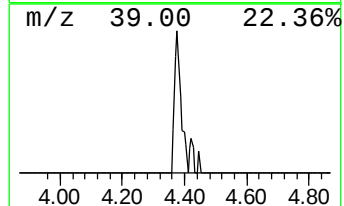
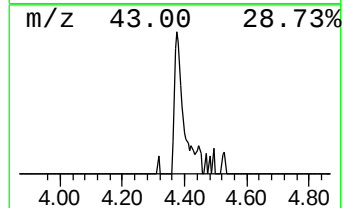
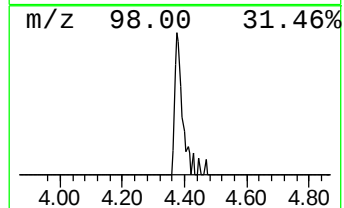
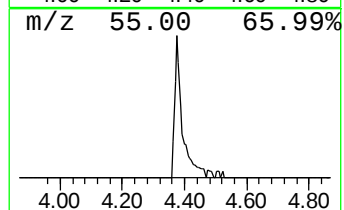
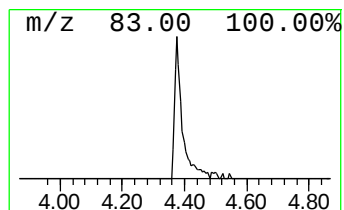
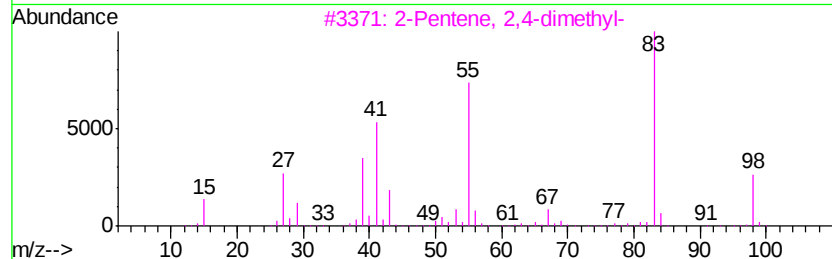
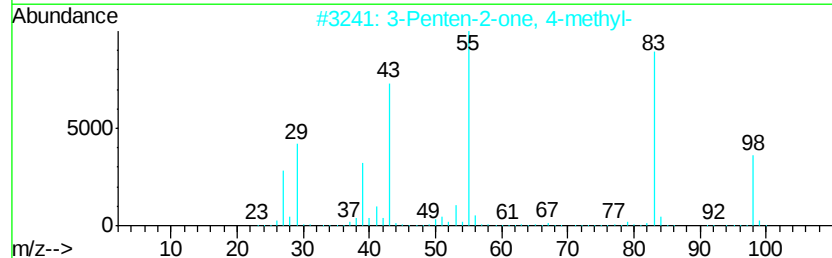
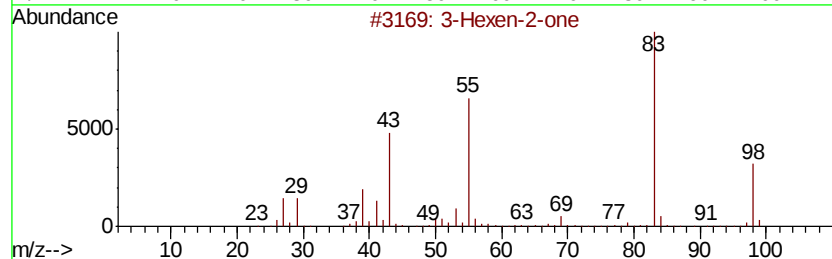
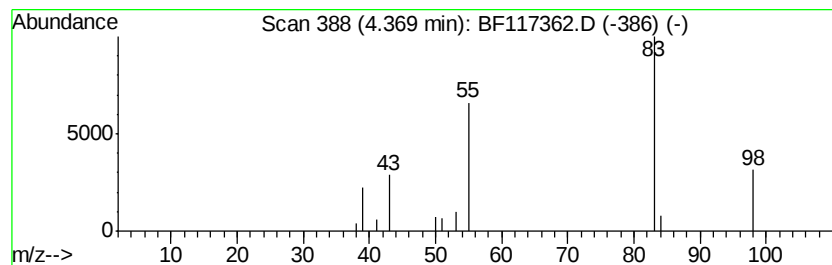
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Hexen-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.78 ng	46844	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	90
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86



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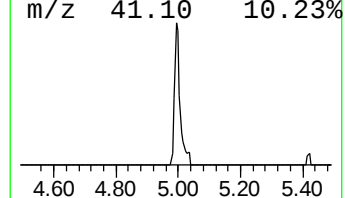
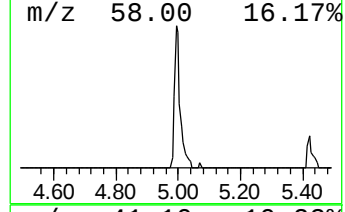
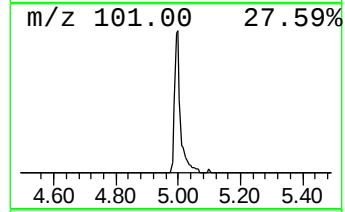
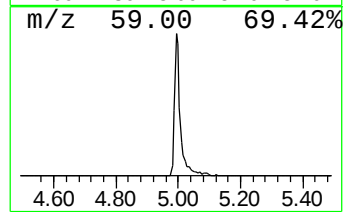
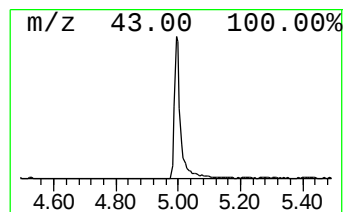
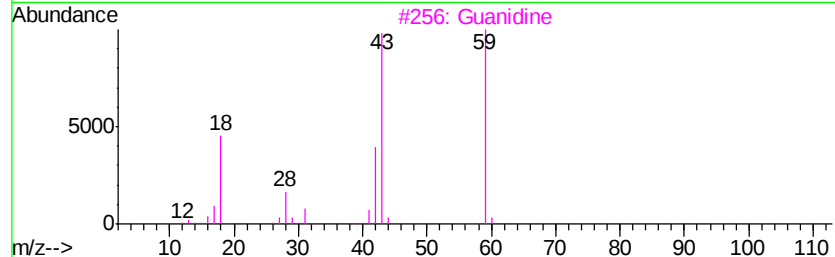
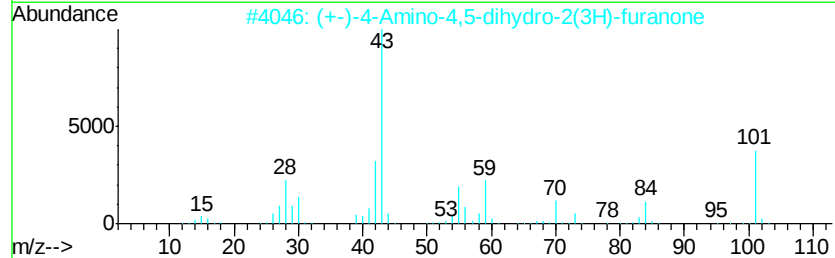
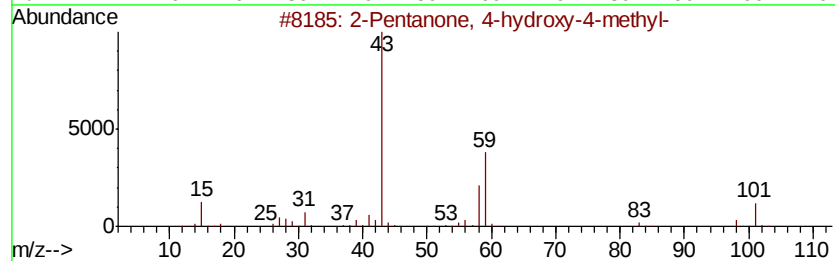
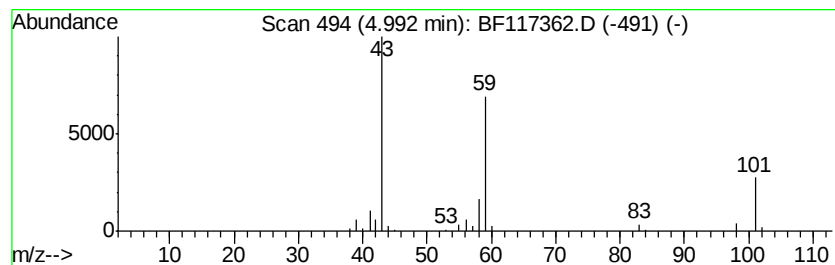
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	14.38 ng	178394	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Acetone	58	C3H6O	000067-64-1	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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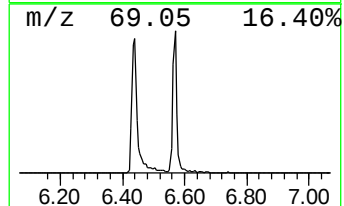
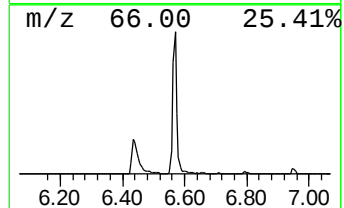
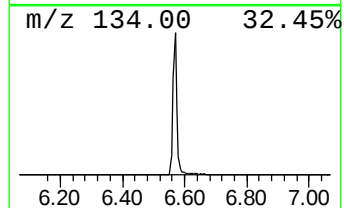
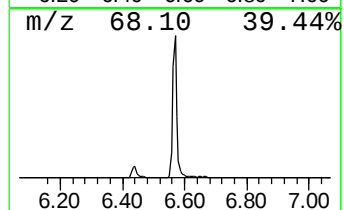
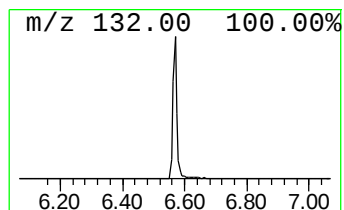
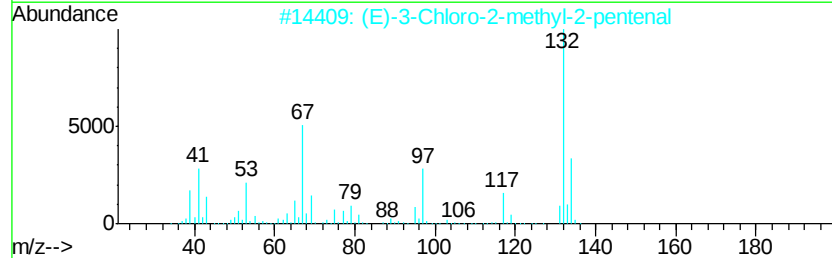
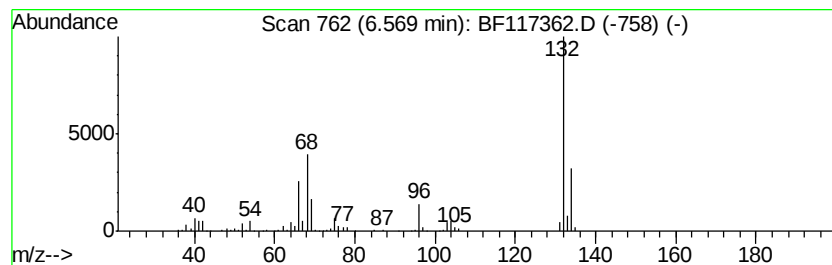
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	46.01 ng	570902	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Xenon	132	Xe	007440-63-3	9



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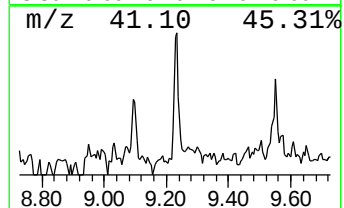
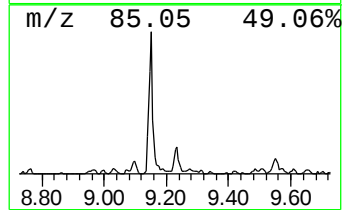
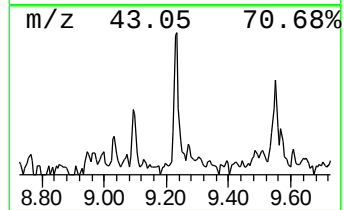
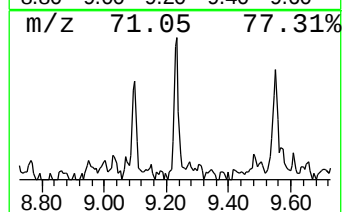
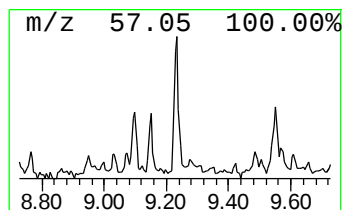
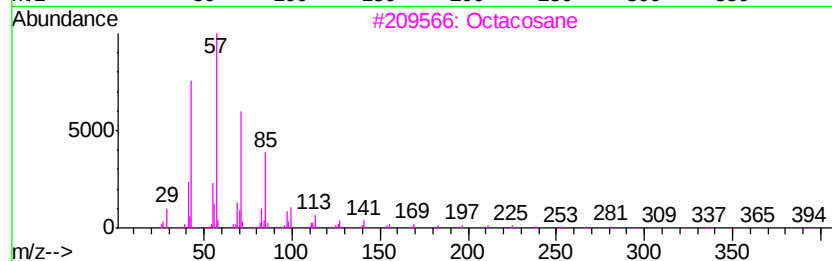
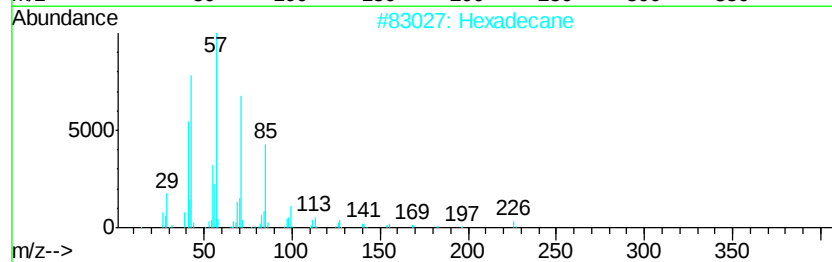
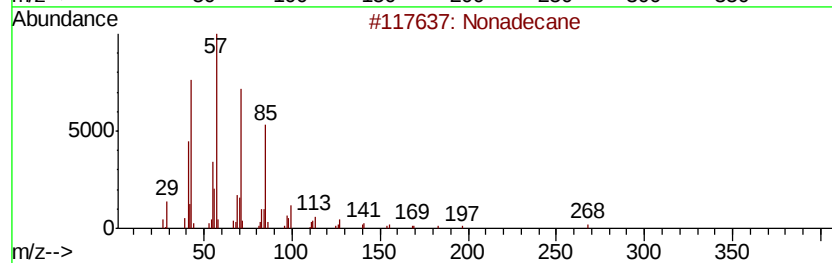
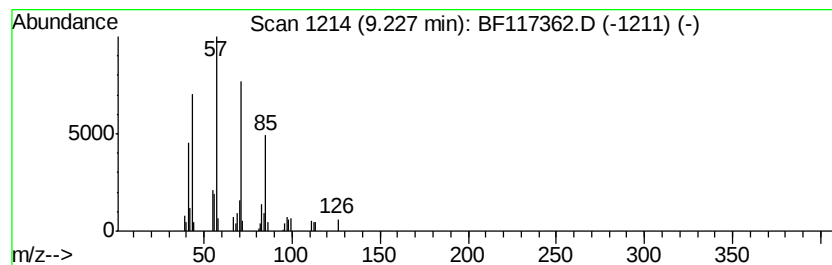
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.34 ng	64800	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Octacosane		394	C28H58	000630-02-4	80
4	Tetradecane		198	C14H30	000629-59-4	72
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	72



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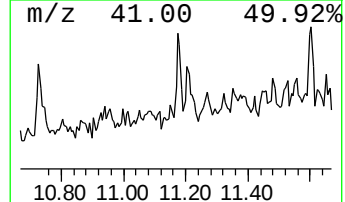
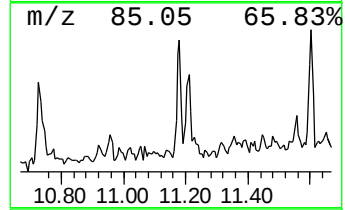
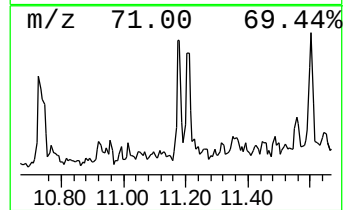
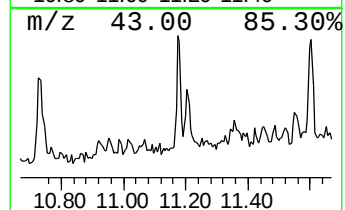
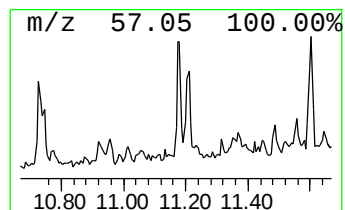
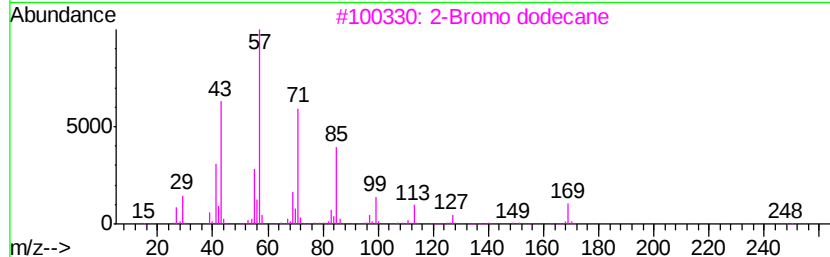
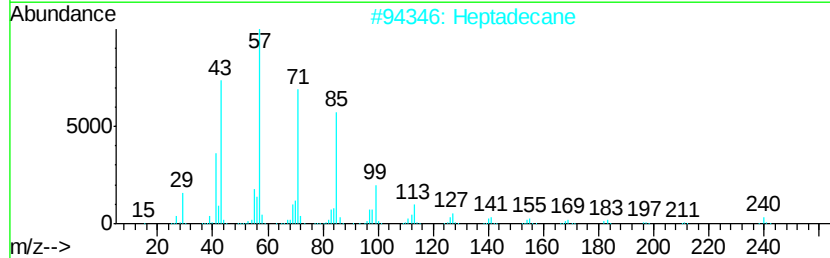
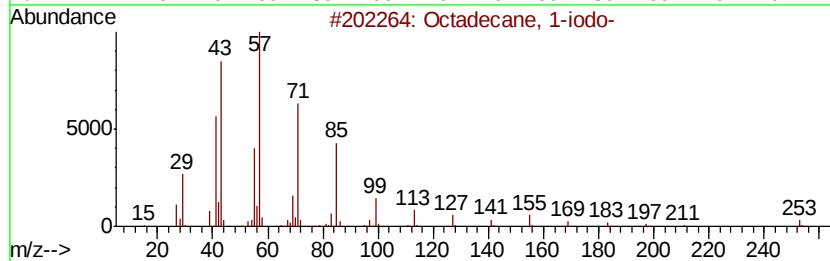
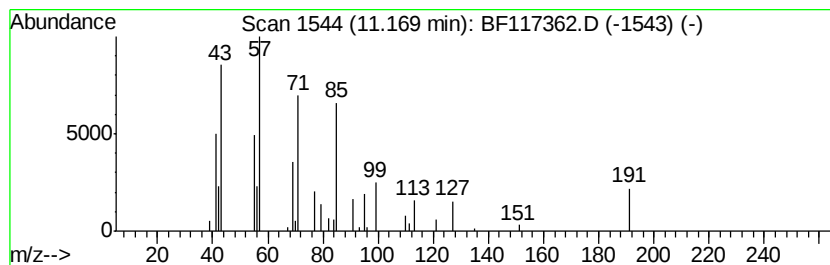
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.17 ng	44414	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
2			Heptadecane	240	C17H36	000629-78-7	86
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
Operator : JU
Sample : K5297-01
Misc :
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ClientSampleId :
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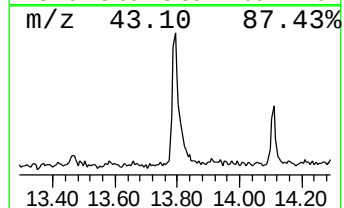
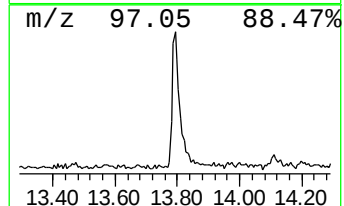
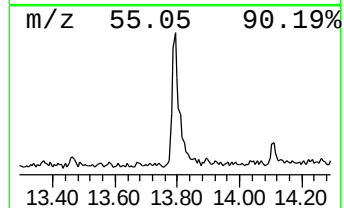
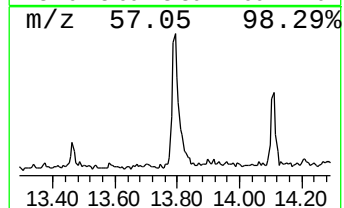
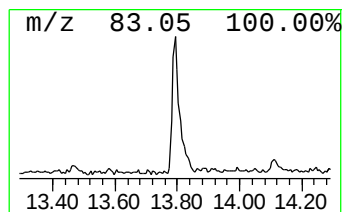
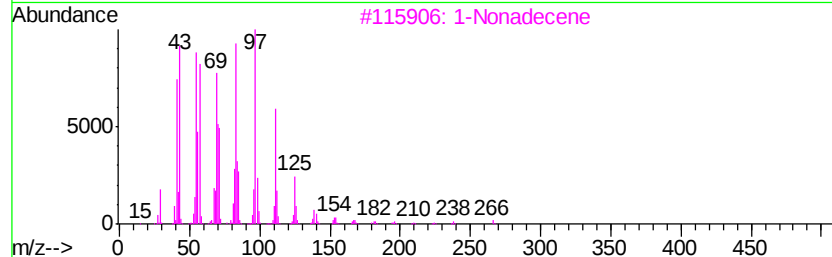
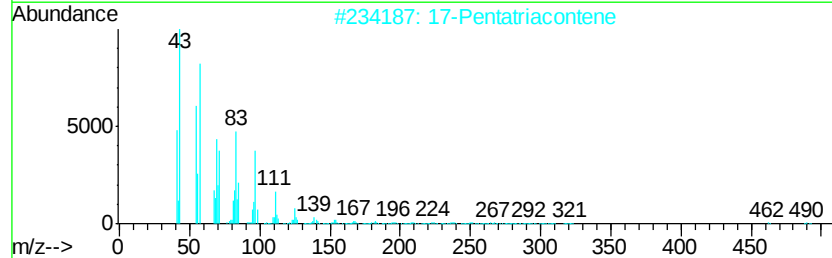
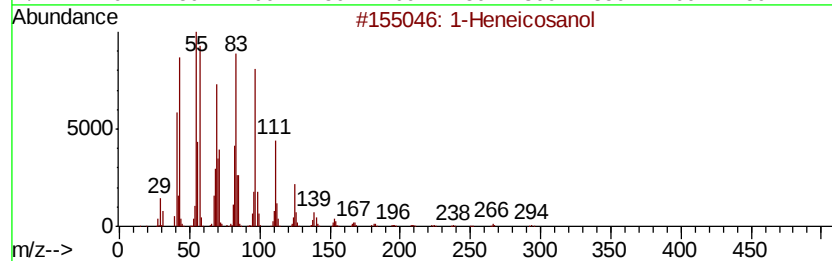
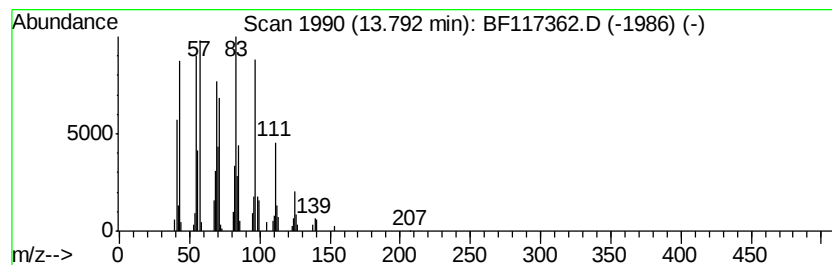
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	13.34 ng	238546	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	93
2	17-Pentatriacontene		491	C35H70	006971-40-0	91
3	1-Nonadecene		266	C19H38	018435-45-5	90
4	n-Heptadecanol-1		256	C17H36O	001454-85-9	90
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
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ClientSampleId :
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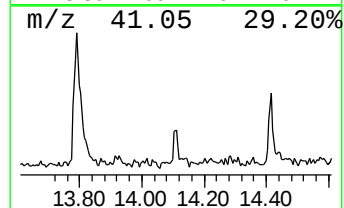
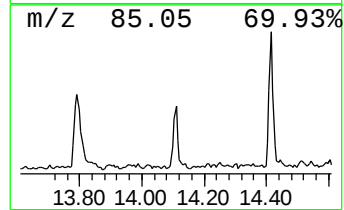
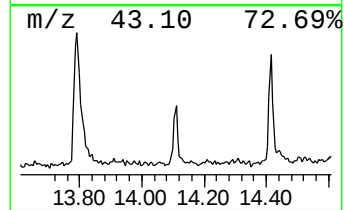
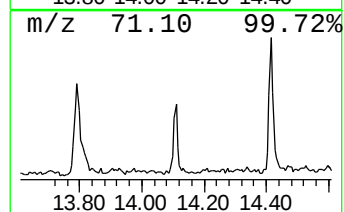
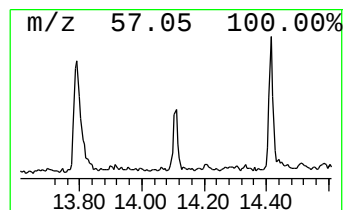
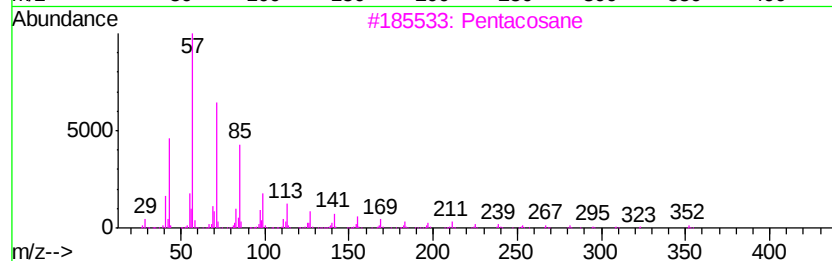
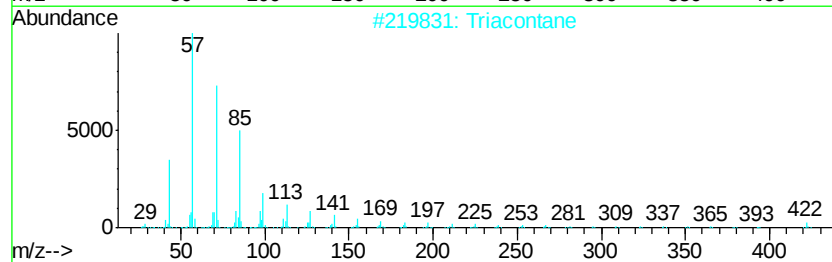
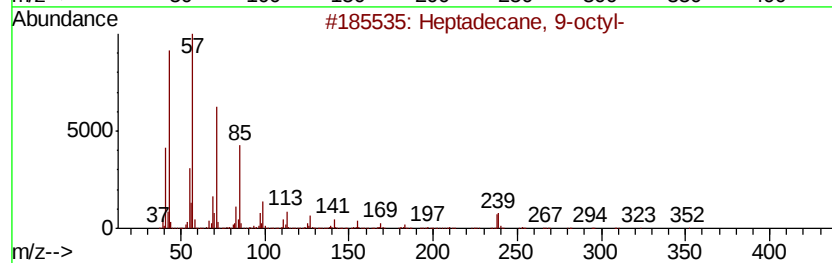
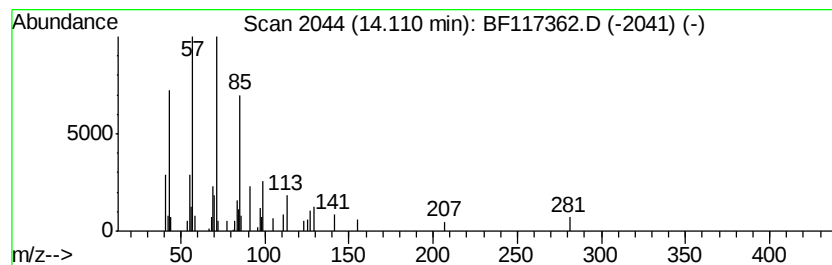
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.70 ng	48218	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
2		Triacontane	422	C30H62	000638-68-6	86
3		Pentacosane	352	C25H52	000629-99-2	80
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
Operator : JU
Sample : K5297-01
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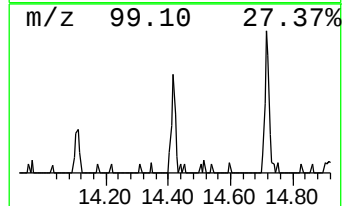
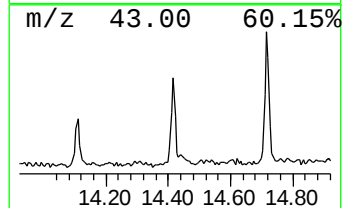
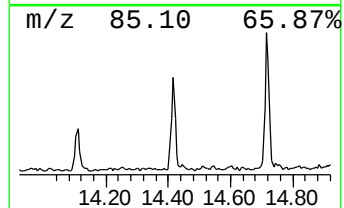
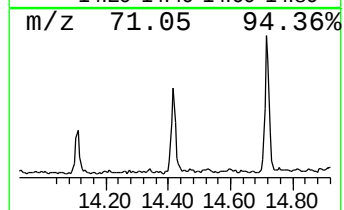
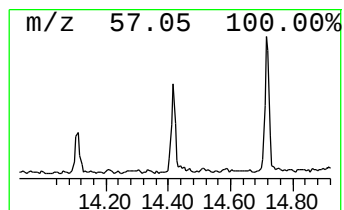
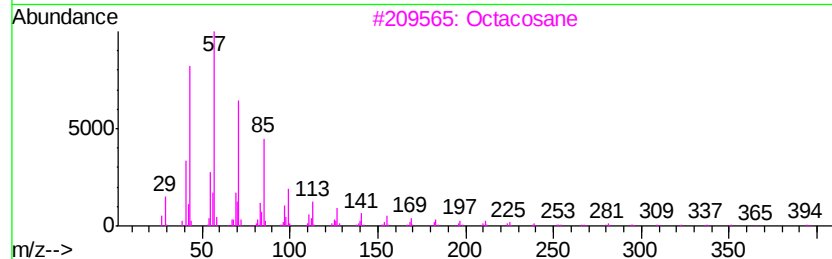
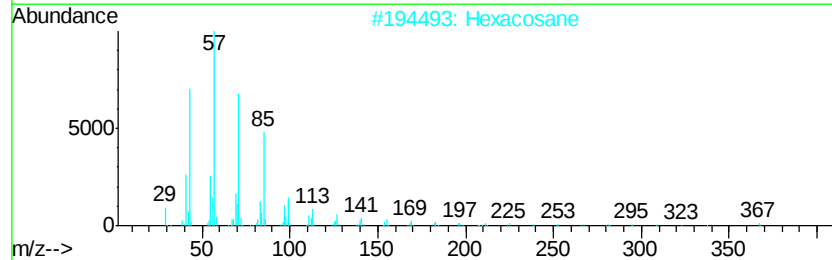
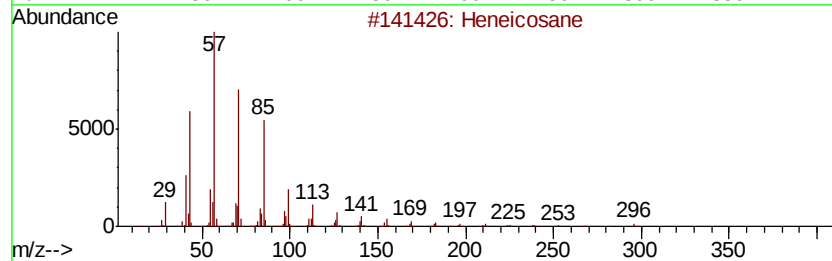
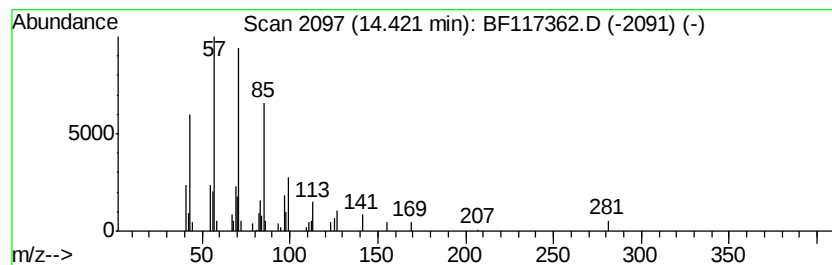
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.69 ng	83954	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Hentriacontane		437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
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Misc :
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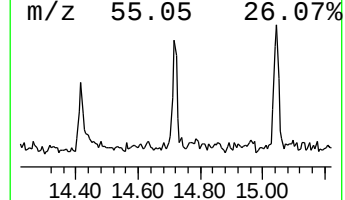
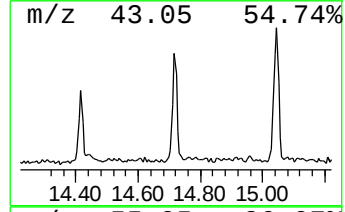
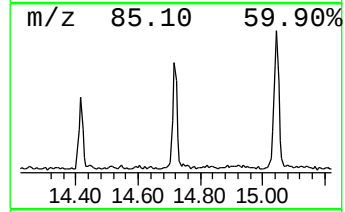
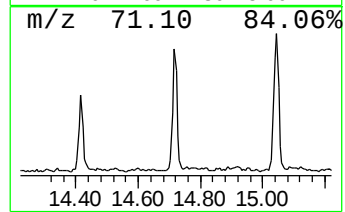
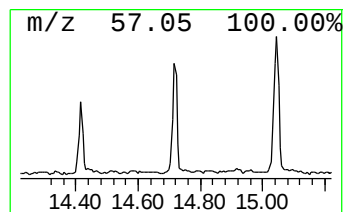
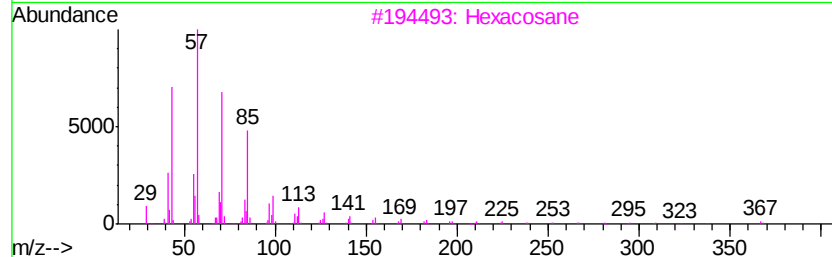
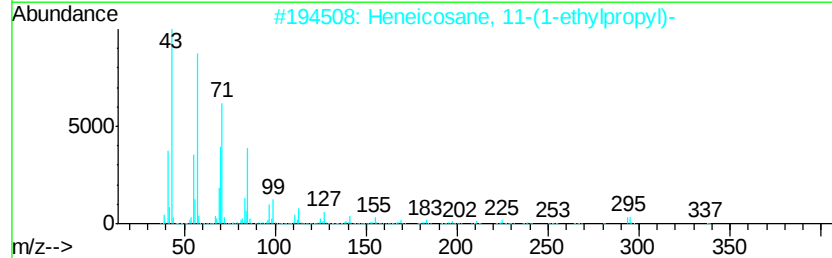
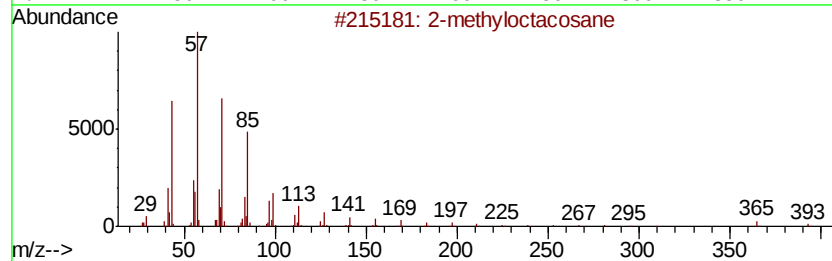
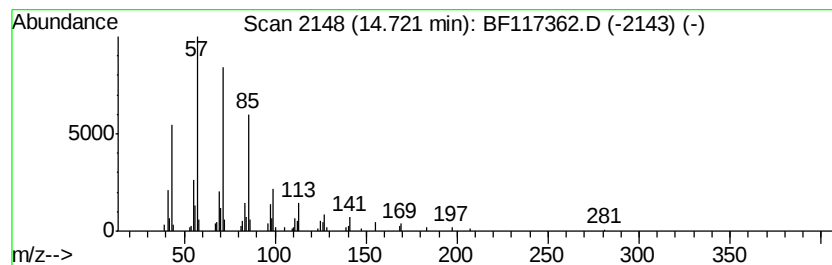
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.49 ng	134570	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyltetracosane	352	C25H52	1000376-72-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
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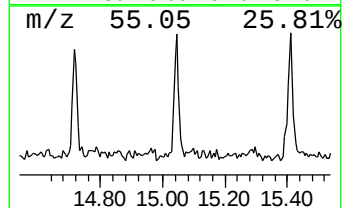
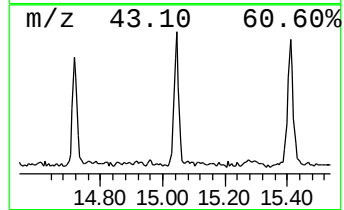
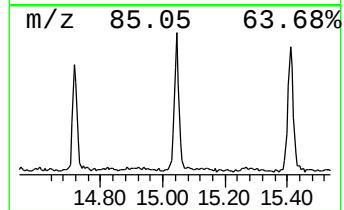
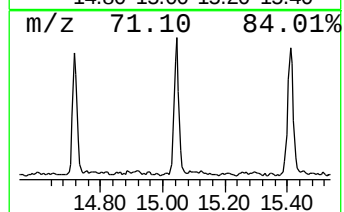
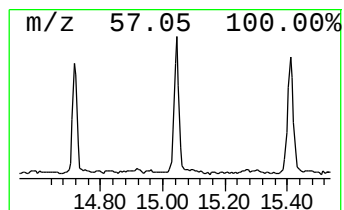
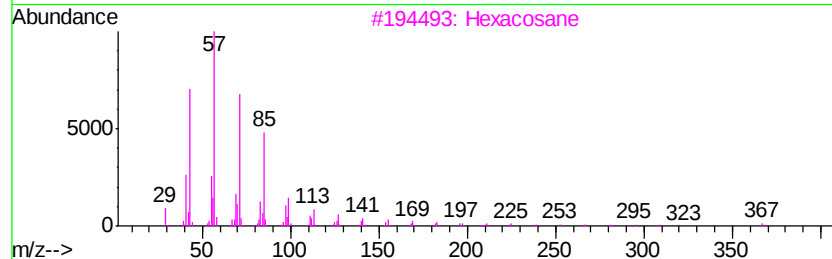
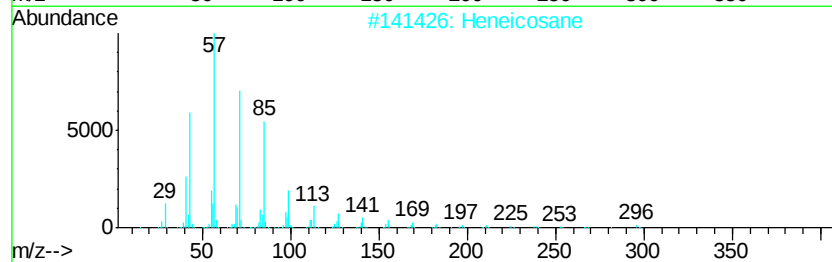
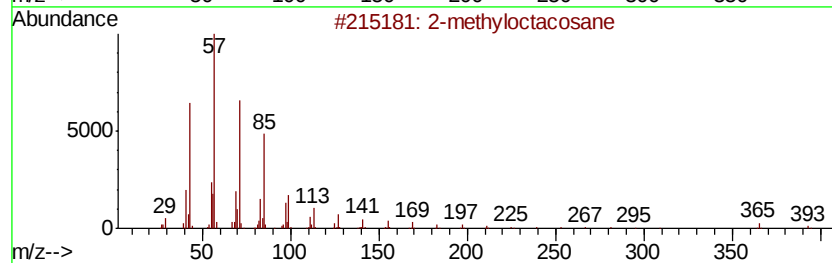
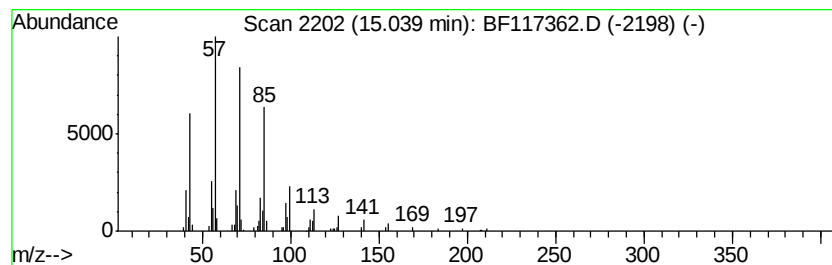
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	6.79 ng	166445	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
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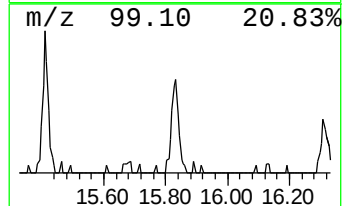
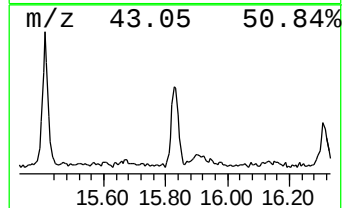
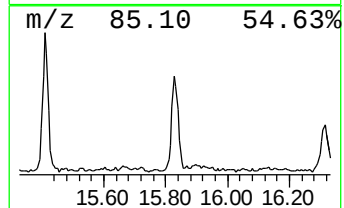
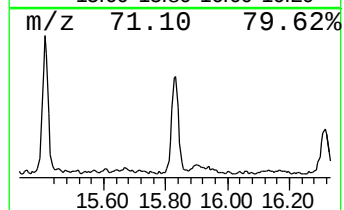
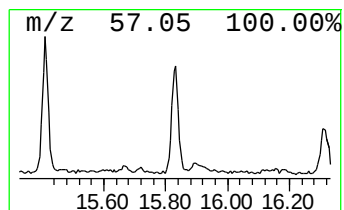
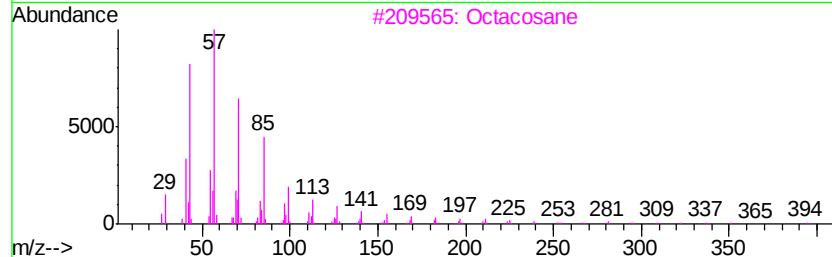
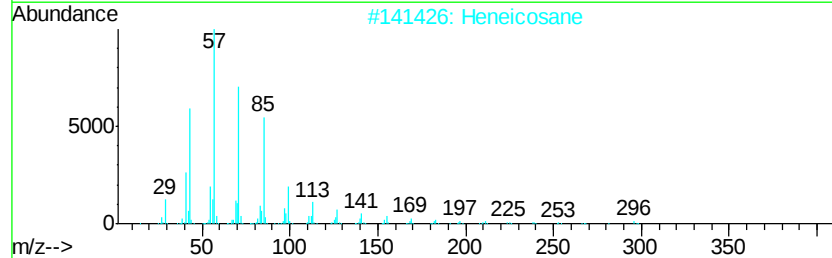
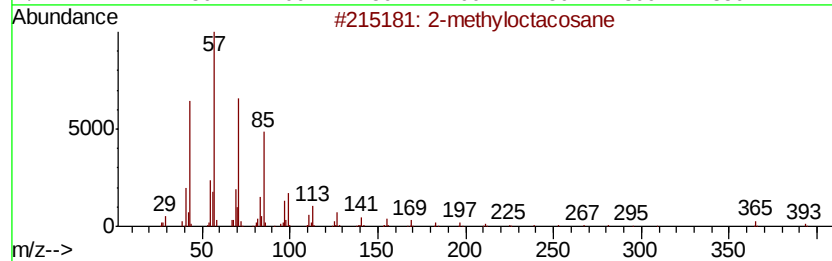
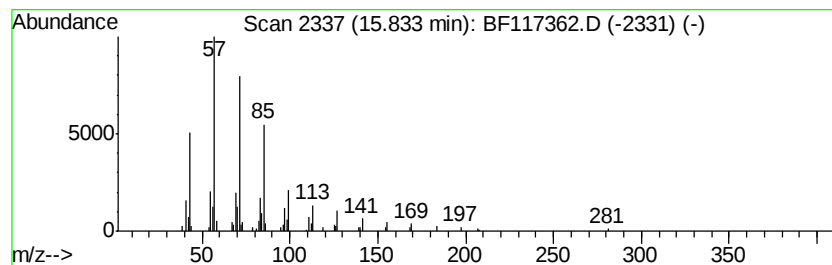
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.25 ng	153065	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
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Acq On : 10 Oct 2019 16:15
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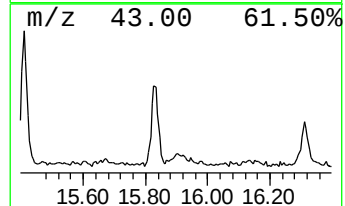
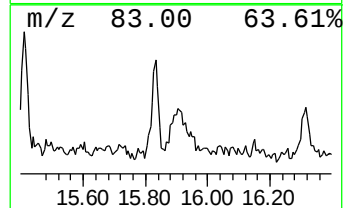
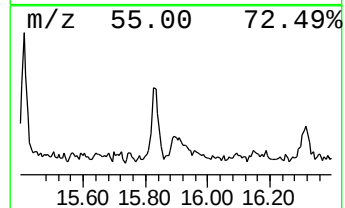
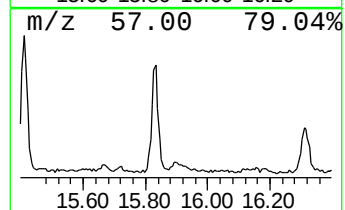
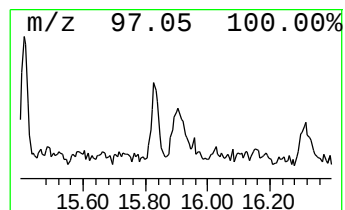
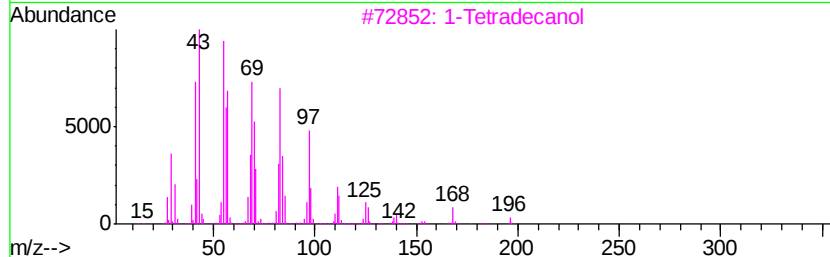
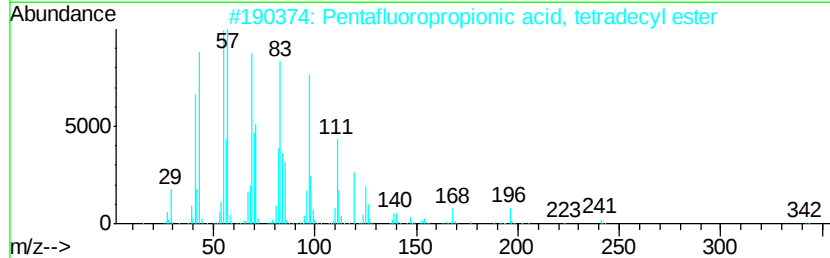
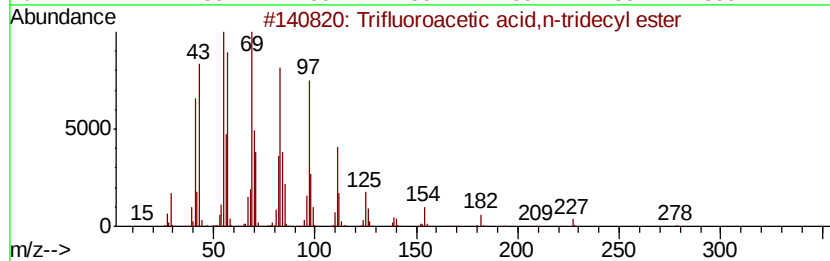
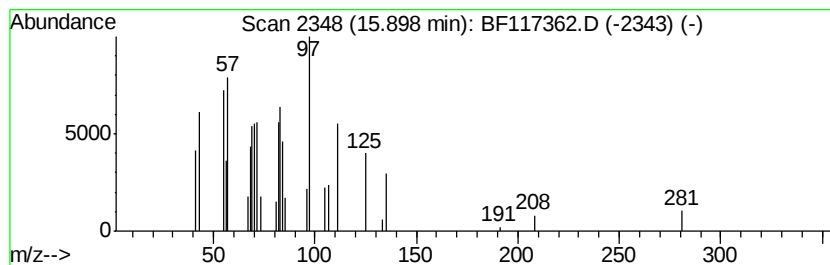
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Trifluoroacetic acid,n-trid... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.54 ng	62225	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	50
2			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50
3			1-Tetradecanol	214	C14H30O	000112-72-1	38
4			2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	38
5			Z-10-Tetradecen-1-ol acetate	254	C16H30O2	1000130-99-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
Operator : JU
Sample : K5297-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

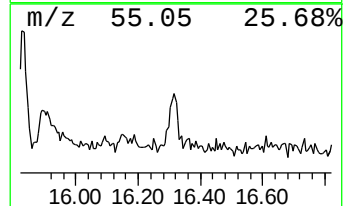
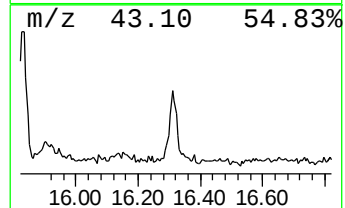
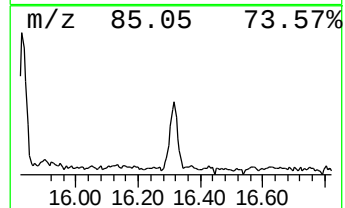
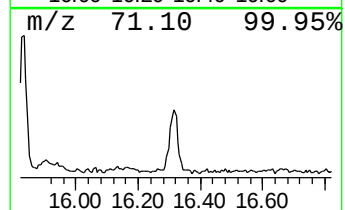
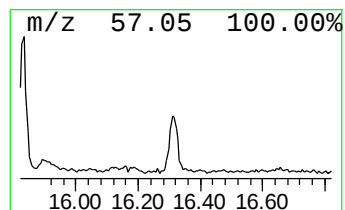
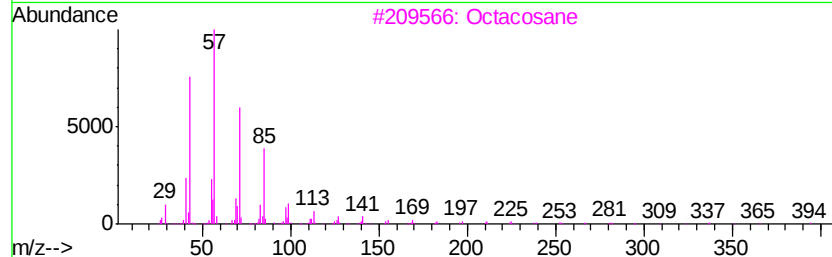
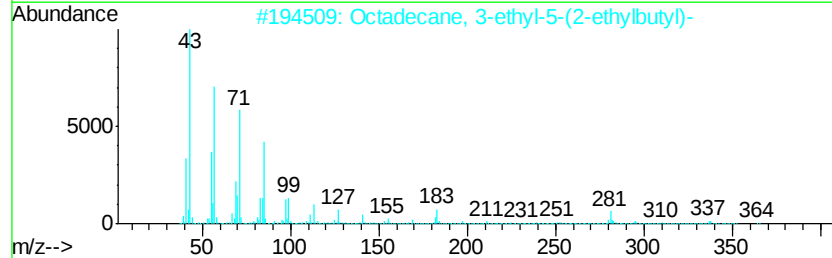
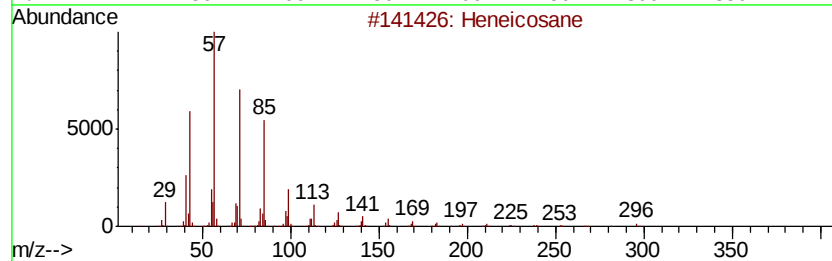
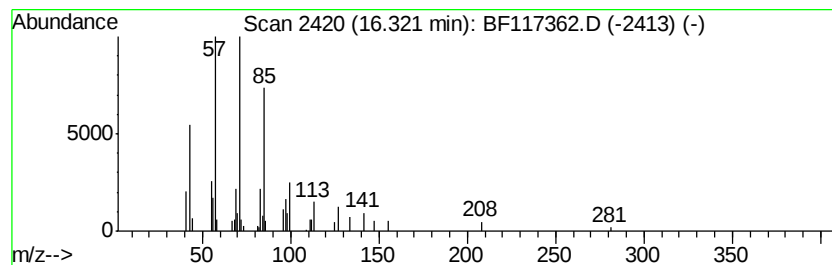
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane, 3-ethyl-5-(2-ethylbu... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.98 ng	73074	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	83
3		Octacosane	394	C28H58	000630-02-4	83
4		2-methyloctacosane	408	C29H60	1000376-72-8	80
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
 Data File : BF117362.D
 Acq On : 10 Oct 2019 16:15
 Operator : JU
 Sample : K5297-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CONCRETE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
3-Hexen-2-one	4.37	3.8	ng	46844	1	6.79	248146	20.0
2-Pentanone, 4-hy...	4.99	14.4	ng	178394	1	6.79	248146	20.0
unknown6.57	6.57	46.0	ng	570902	1	6.79	248146	20.0
Nonadecane	9.23	3.3	ng	64800	3	9.83	387530	20.0
Octadecane, 1-iodo-	11.17	2.2	ng	44414	4	11.32	409163	20.0
1-Heneicosanol	13.79	13.3	ng	238546	5	13.96	357637	20.0
Heptadecane, 9-oc...	14.11	2.7	ng	48218	5	13.96	357637	20.0
Heneicosane	14.42	4.7	ng	83954	5	13.96	357637	20.0
2-methyloctacosane	14.72	5.5	ng	134570	6	15.42	489926	20.0
Hexacosane	15.04	6.8	ng	166445	6	15.42	489926	20.0
Octacosane	15.83	6.3	ng	153065	6	15.42	489926	20.0
Trifluoroacetic a...	15.90	2.5	ng	62225	6	15.42	489926	20.0
Octadecane, 3-eth...	16.32	3.0	ng	73074	6	15.42	489926	20.0