

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119898.D
 Acq On : 10 Apr 2020 16:51
 Operator : MA/SJ
 Sample : L2201-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUB

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-BF040820.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	4.951	482	487	496	rVB	500771	630117	14.36%	1.672%
2	5.363	552	557	560	rBV	4002642	3854630	87.86%	10.230%
3	6.387	725	731	734	rBV	3703456	3894635	88.78%	10.336%
4	6.581	761	764	771	rBV	77130	75891	1.73%	0.201%
5	6.751	789	793	796	rBV	1086989	887195	20.22%	2.355%
6	6.910	815	820	823	rBV	2957016	2858353	65.16%	7.586%
7	7.316	883	889	892	rBV	2475422	2462213	56.13%	6.535%
8	8.034	1006	1011	1015	rBV	1311824	1163262	26.52%	3.087%
9	9.116	1189	1195	1198	rBV	4711022	4387001	100.00%	11.643%
10	9.510	1257	1262	1265	rBV	772936	610073	13.91%	1.619%
11	9.610	1275	1279	1291	rVB	107095	177549	4.05%	0.471%
12	9.792	1305	1310	1313	rBV	1594201	1360634	31.02%	3.611%
13	10.581	1438	1444	1447	rBV	3302317	3095223	70.55%	8.215%
14	11.275	1557	1562	1566	rBV	1529129	1442392	32.88%	3.828%
15	11.816	1649	1654	1670	rBV	916954	929839	21.20%	2.468%
16	12.504	1764	1771	1772	rBV2	35504	47563	1.08%	0.126%
17	12.598	1783	1787	1799	rBV	485046	490457	11.18%	1.302%
18	12.869	1828	1833	1837	rBV	4364872	4266369	97.25%	11.323%
19	13.104	1869	1873	1881	rBV	84050	87457	1.99%	0.232%
20	13.451	1922	1932	1935	rBV2	79487	93090	2.12%	0.247%
21	13.780	1984	1988	2001	rVB	598201	812413	18.52%	2.156%
22	13.921	2007	2012	2015	rBV	1375692	1262117	28.77%	3.350%
23	14.092	2038	2041	2045	rBV	159972	161567	3.68%	0.429%
24	14.398	2089	2093	2096	rBV	249135	232572	5.30%	0.617%
25	14.421	2096	2097	2106	rVB6	42108	63852	1.46%	0.169%
26	14.698	2138	2144	2148	rBV	276581	273932	6.24%	0.727%
27	15.027	2196	2200	2204	rBV	271958	280658	6.40%	0.745%
28	15.351	2250	2255	2259	rBV	873872	1025832	23.38%	2.723%
29	15.392	2259	2262	2268	rVB	197974	233376	5.32%	0.619%
30	15.810	2328	2333	2339	rBV	130641	200092	4.56%	0.531%
31	15.892	2342	2347	2351	rBV6	38223	82207	1.87%	0.218%
32	16.298	2411	2416	2422	rVB2	58801	99898	2.28%	0.265%
33	17.374	2590	2599	2600	rBV7	24992	54161	1.23%	0.144%
34	17.857	2674	2681	2690	rVB7	34124	82158	1.87%	0.218%

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ALS Vial : 10 Sample Multiplier: 1

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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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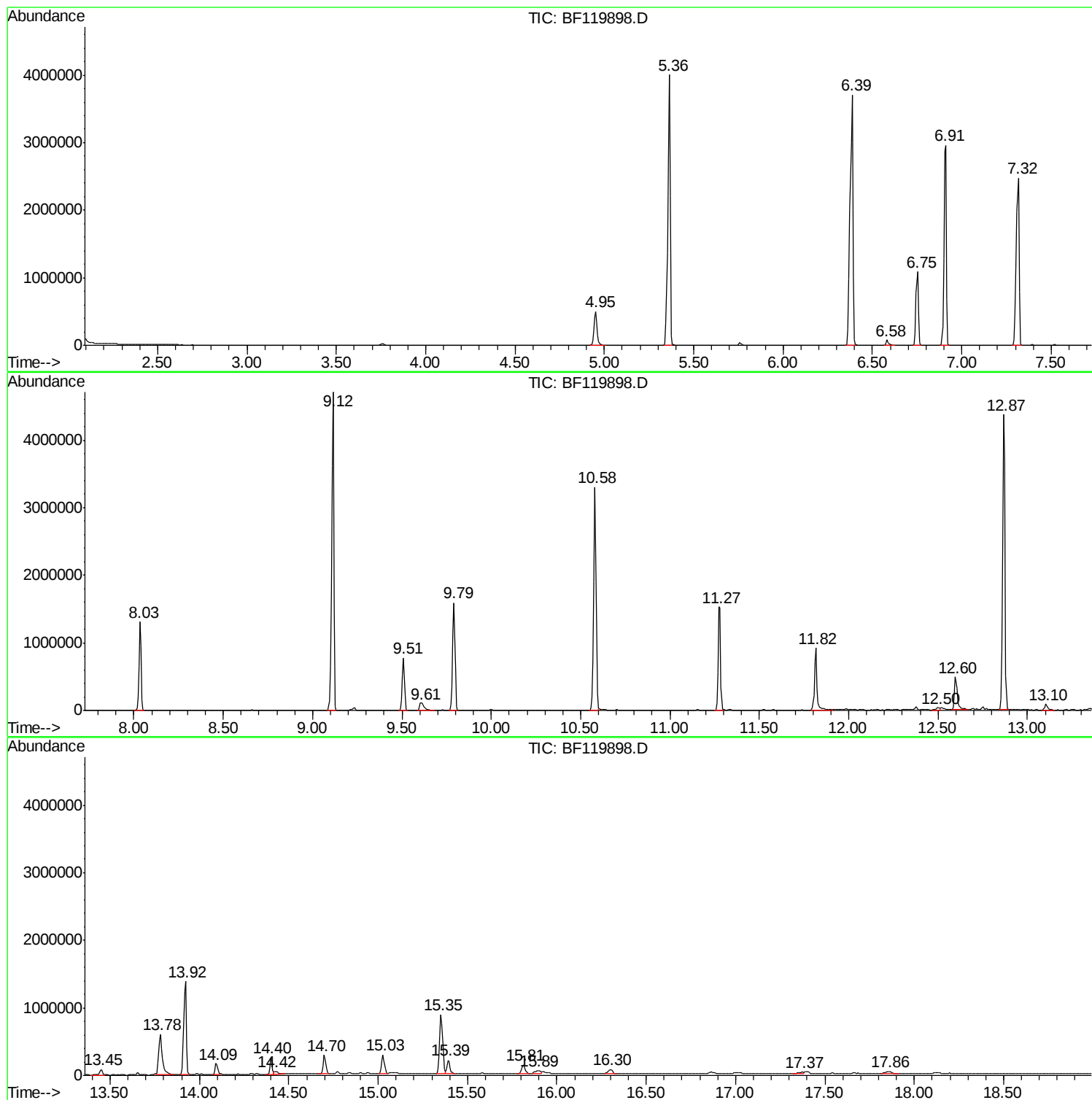
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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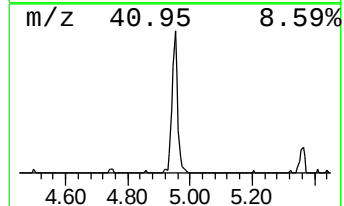
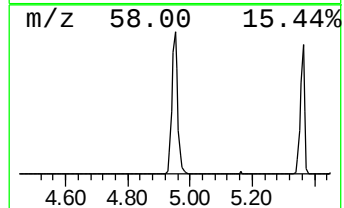
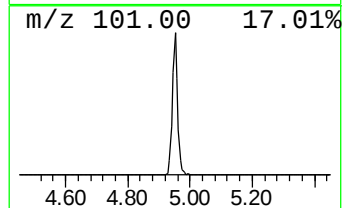
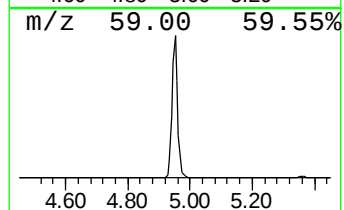
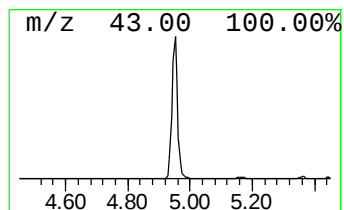
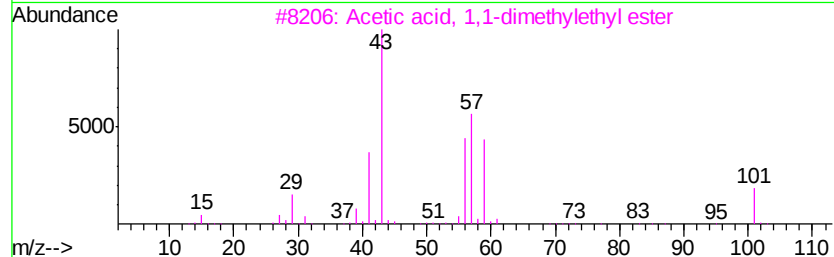
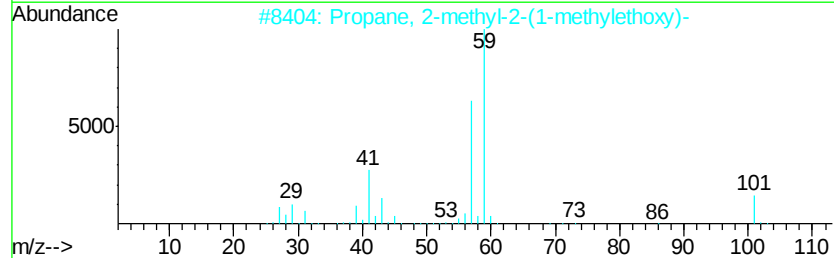
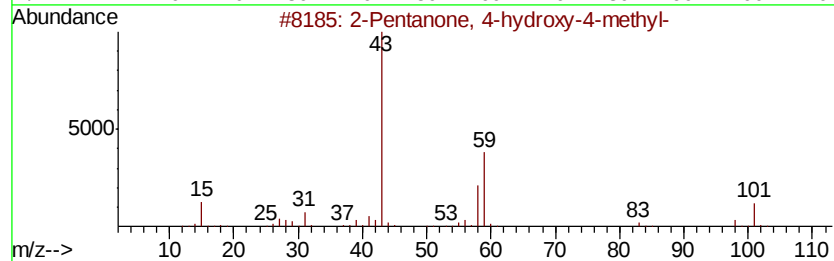
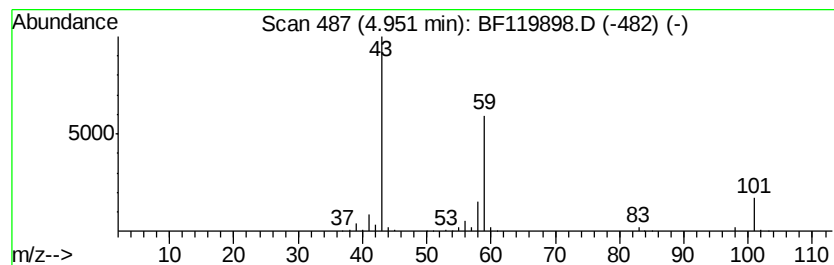
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	14.20 ng	630117	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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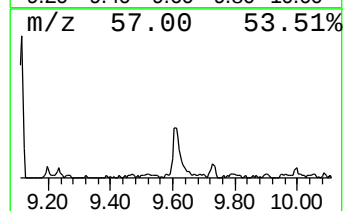
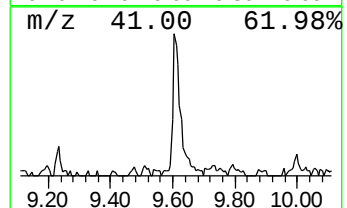
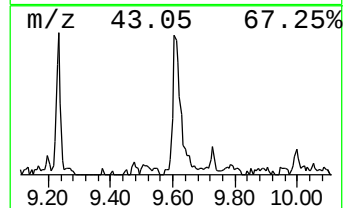
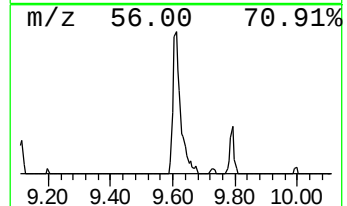
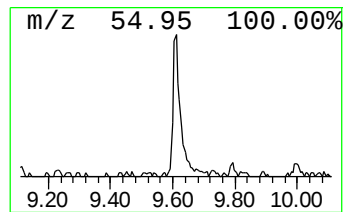
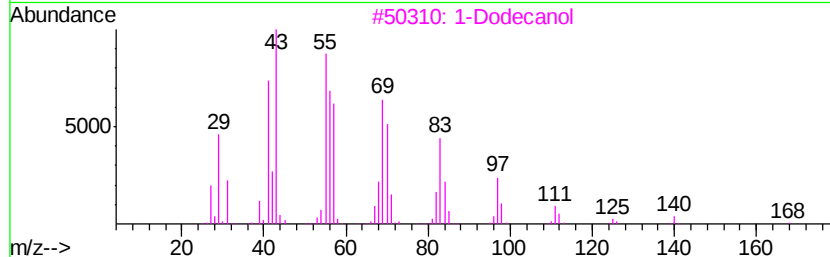
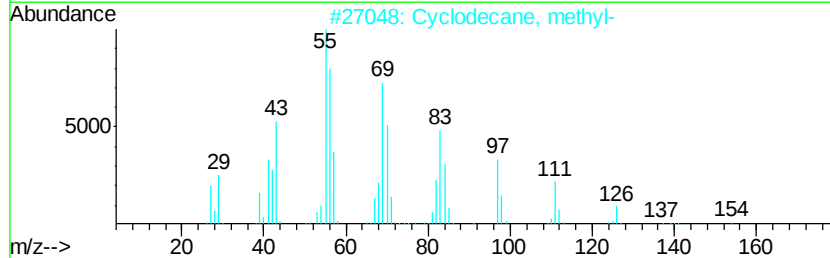
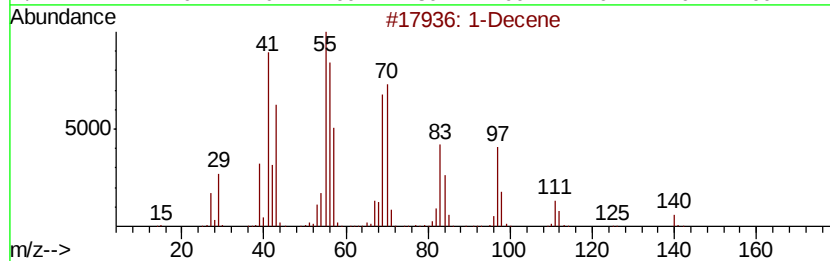
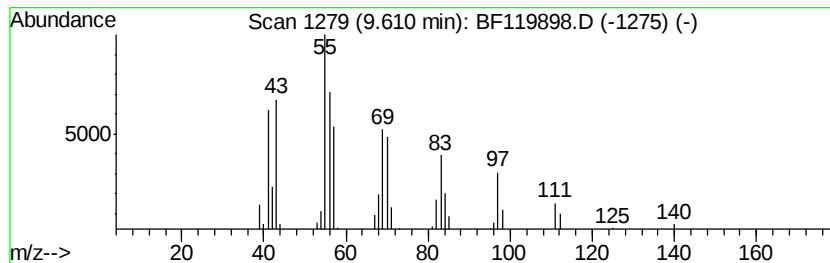
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Decene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.61 ng	177549	Acenaphthene-d10	9.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	96
2			Cyclodecane, methyl-	154	C11H22	013151-43-4	90
3			1-Dodecanol	186	C12H26O	000112-53-8	90
4			Cyclopropane, nonyl-	168	C12H24	074663-85-7	86
5			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	81



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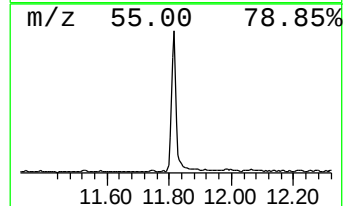
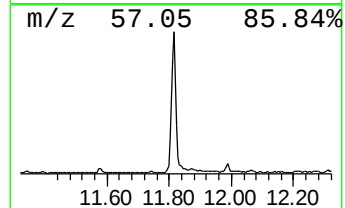
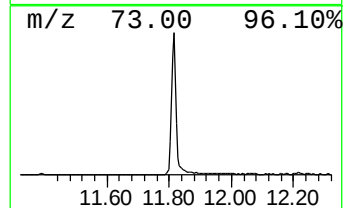
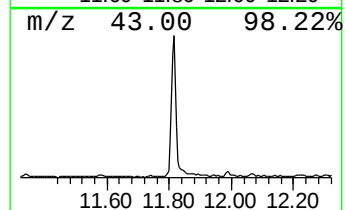
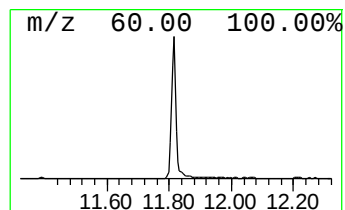
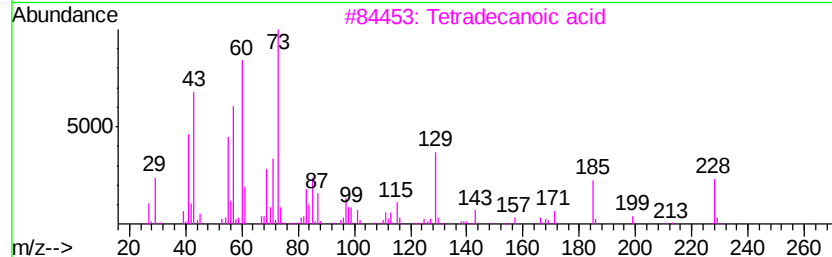
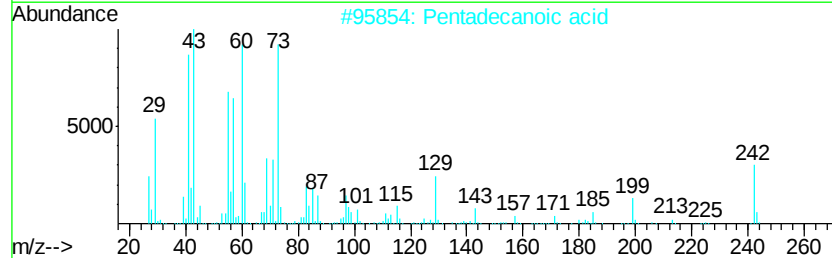
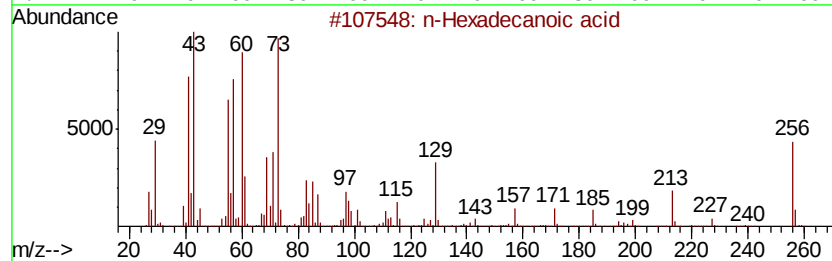
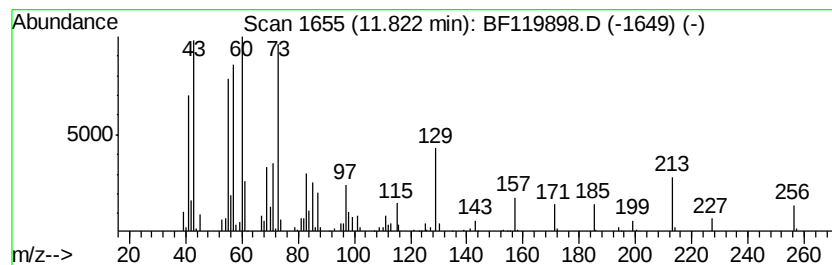
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	12.89 ng	929839	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



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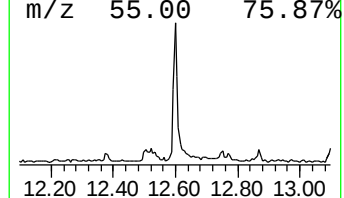
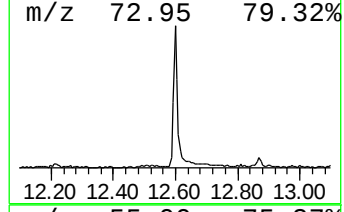
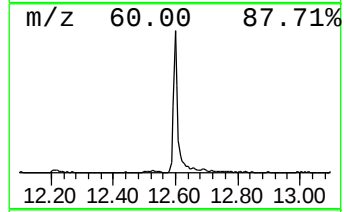
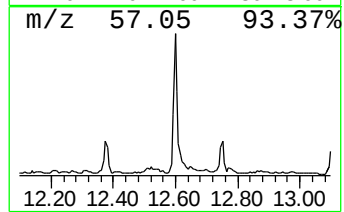
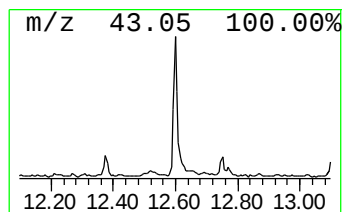
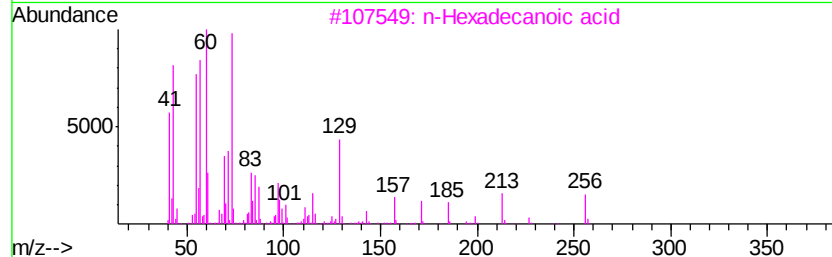
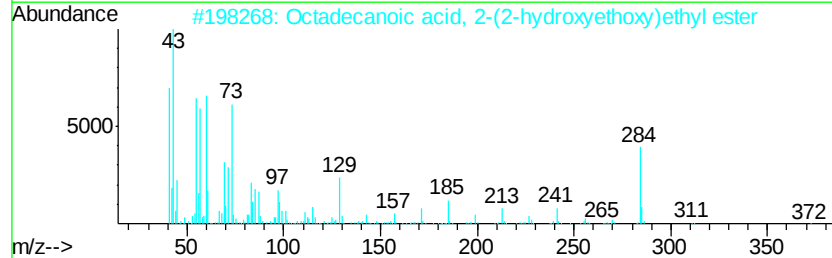
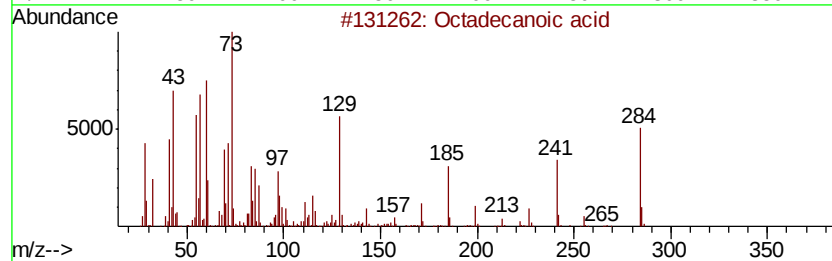
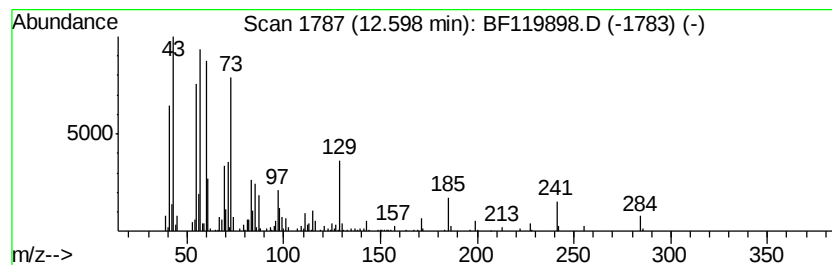
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.80 ng	490457	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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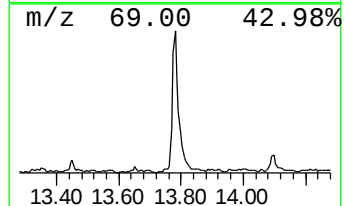
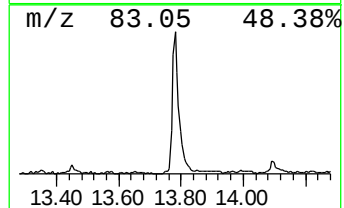
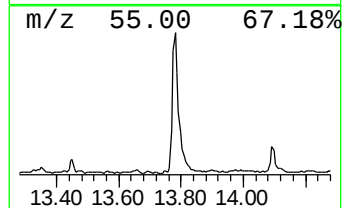
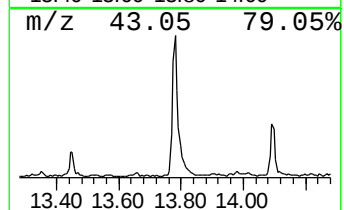
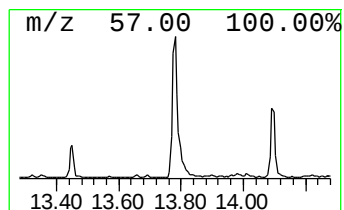
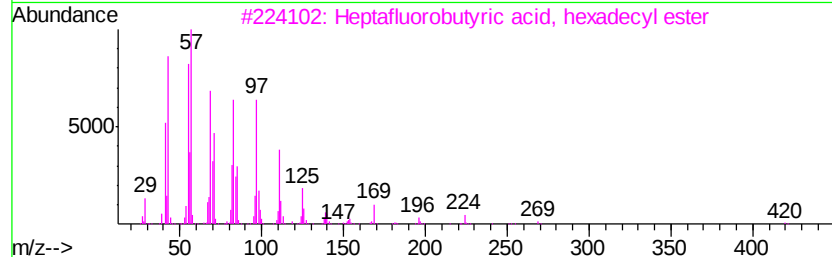
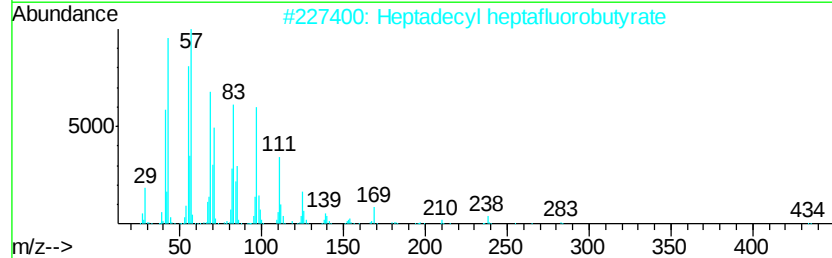
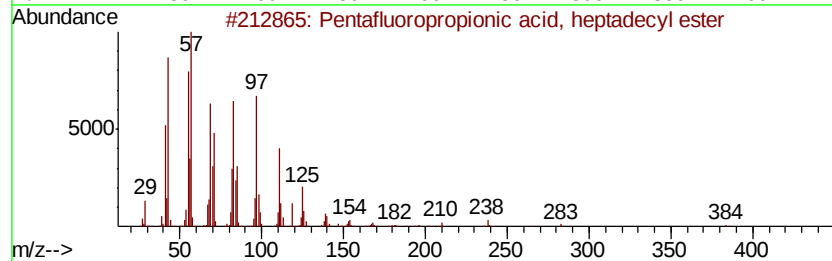
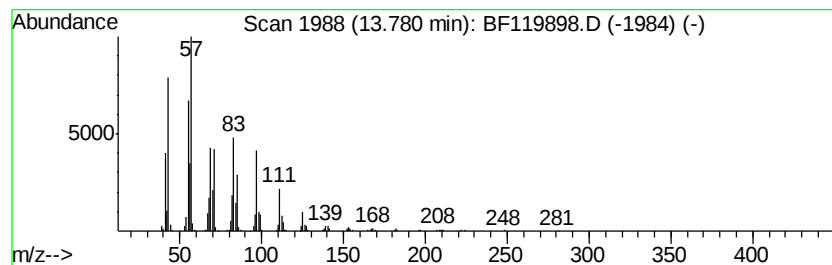
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	12.87 ng	812413	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4		Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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Misc :
ALS Vial : 10 Sample Multiplier: 1

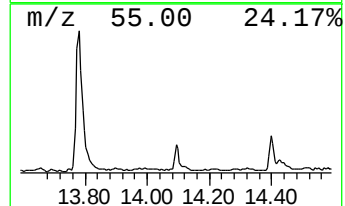
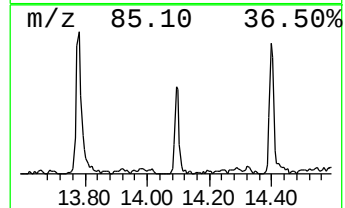
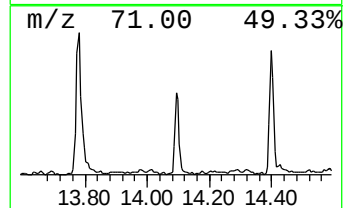
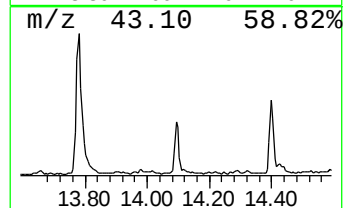
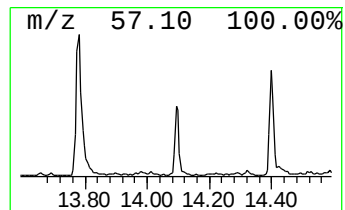
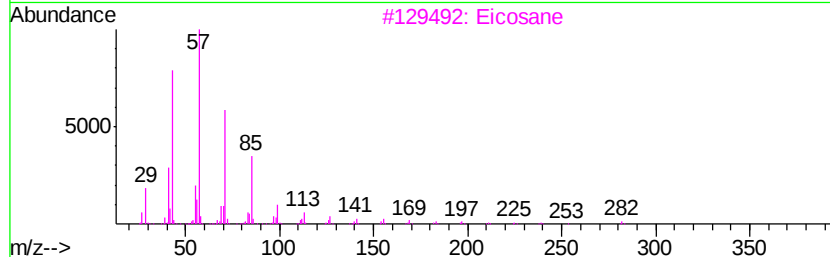
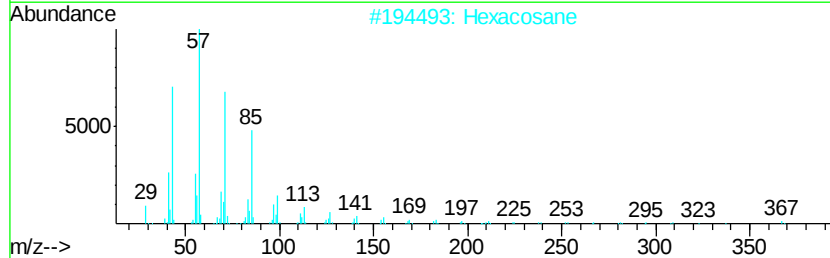
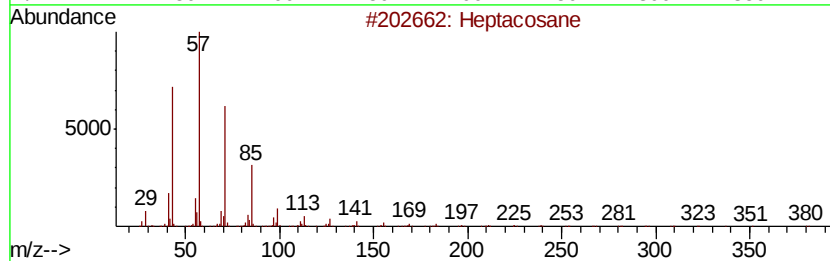
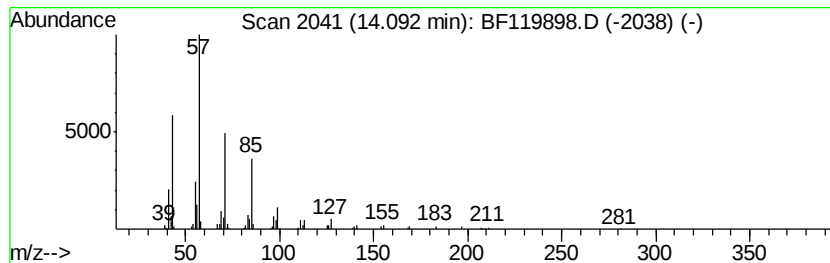
Instrument :
BNA_F
ClientSampleId :
CG-SUB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.56 ng	161567	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Hexacosane	366 C26H54	000630-01-3	90
3	Eicosane	282 C20H42	000112-95-8	90
4	Octacosane	394 C28H58	000630-02-4	87
5	Hexadecane	226 C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119898.D
Acq On : 10 Apr 2020 16:51
Operator : MA/SJ
Sample : L2201-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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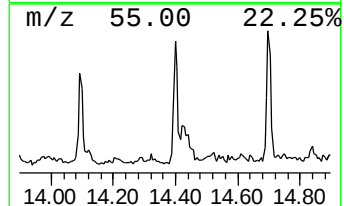
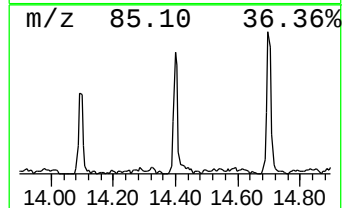
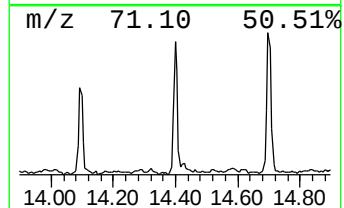
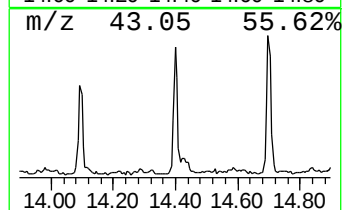
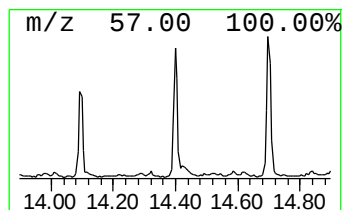
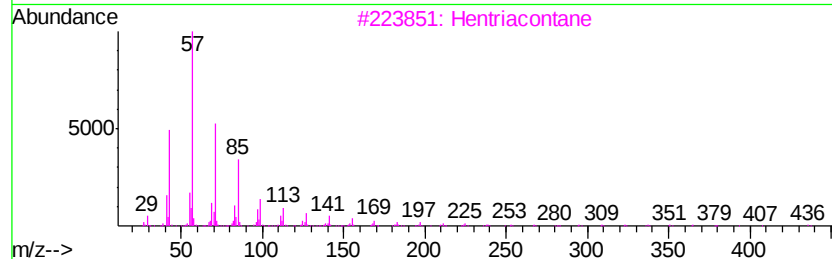
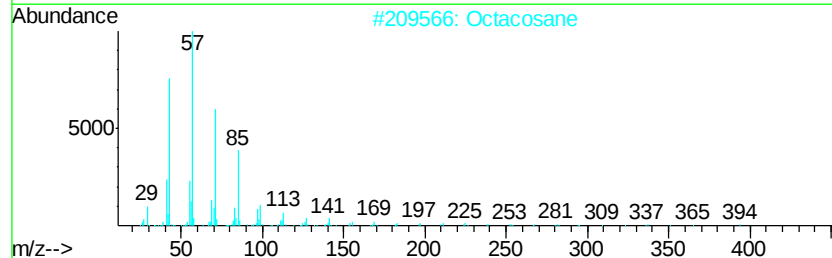
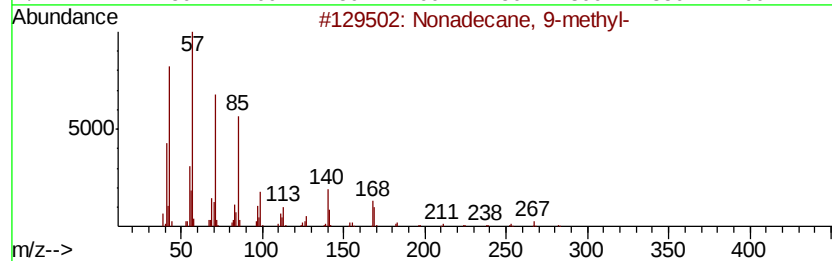
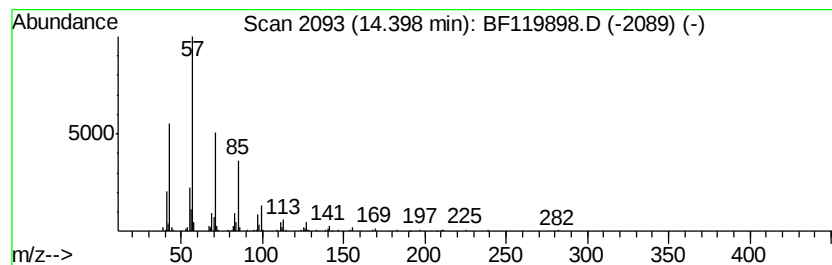
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.69 ng	232572	Chrysene-d12	13.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119898.D
Acq On : 10 Apr 2020 16:51
Operator : MA/SJ
Sample : L2201-01
Misc :
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Instrument :
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ClientSampleId :
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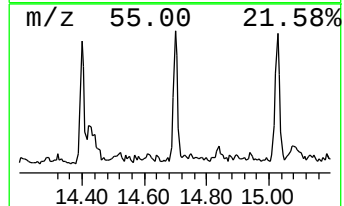
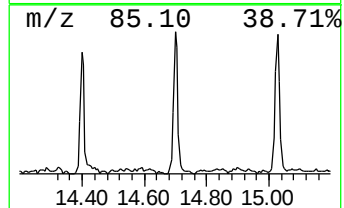
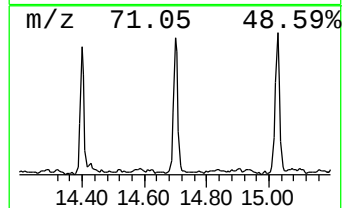
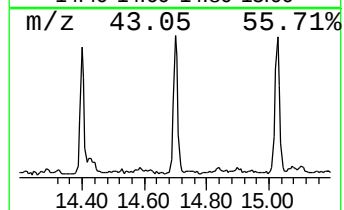
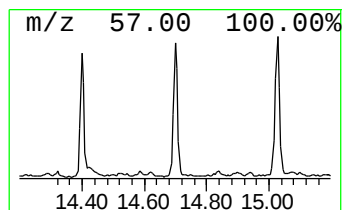
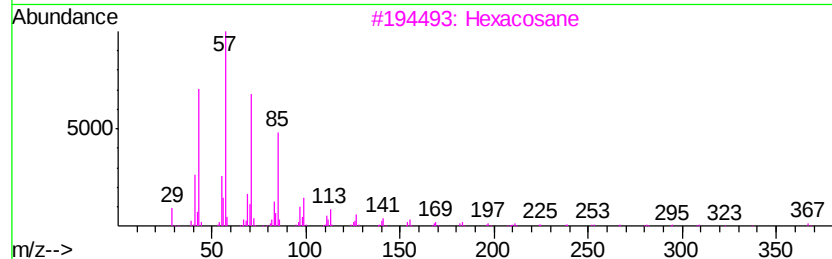
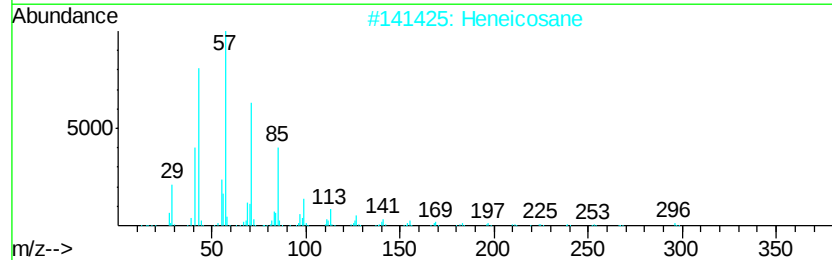
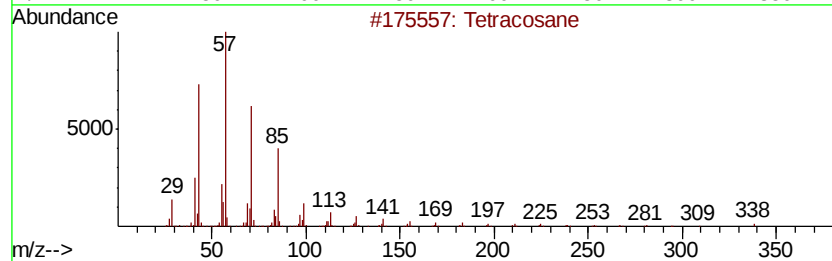
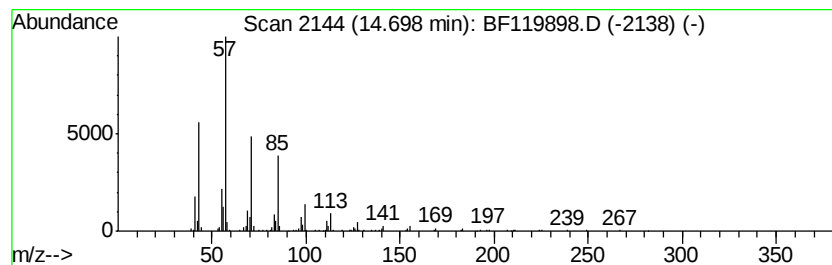
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.34 ng	273932	Perylene-d12	15.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119898.D
Acq On : 10 Apr 2020 16:51
Operator : MA/SJ
Sample : L2201-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-SUB

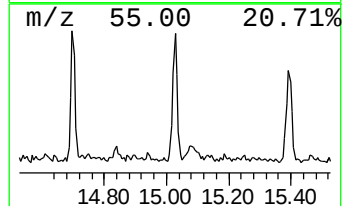
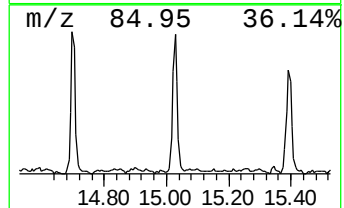
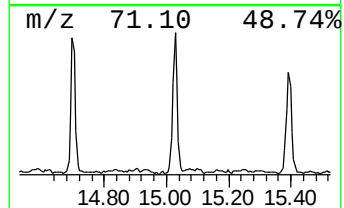
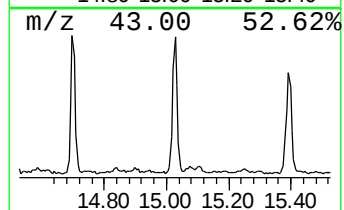
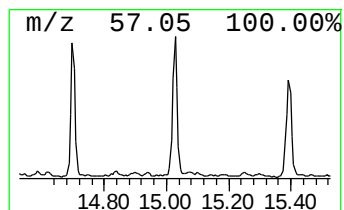
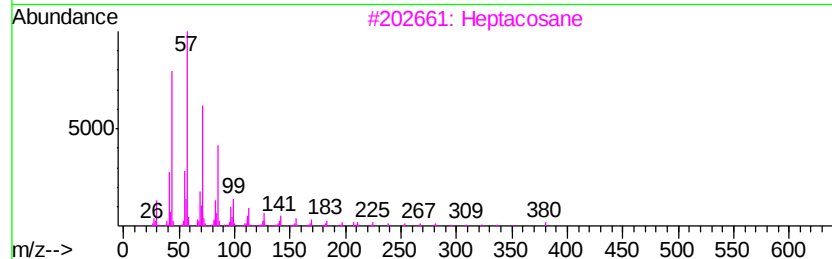
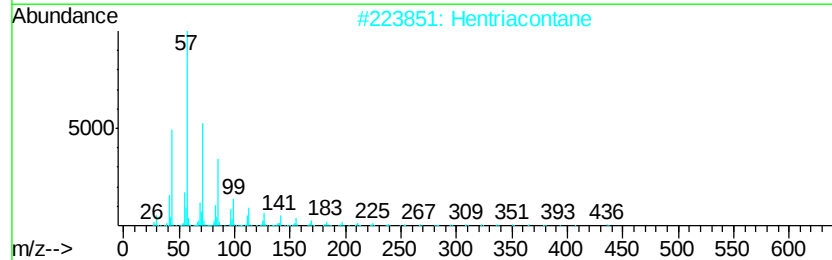
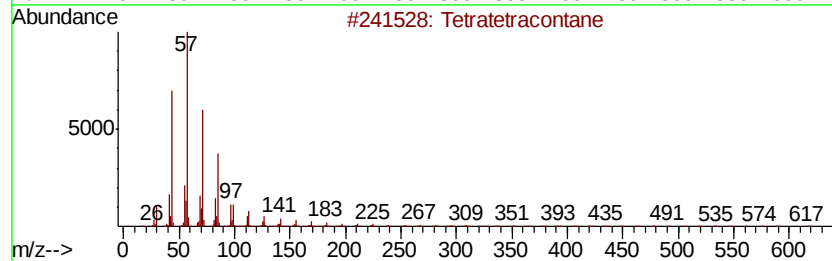
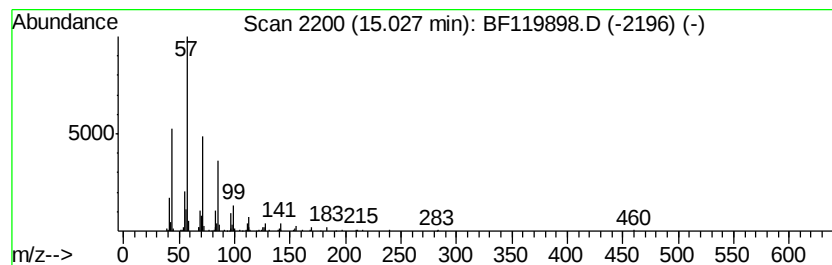
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.47 ng	280658	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119898.D
Acq On : 10 Apr 2020 16:51
Operator : MA/SJ
Sample : L2201-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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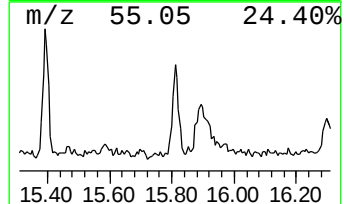
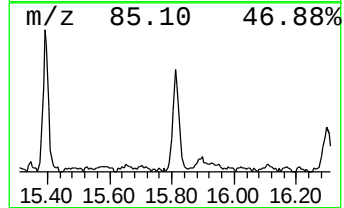
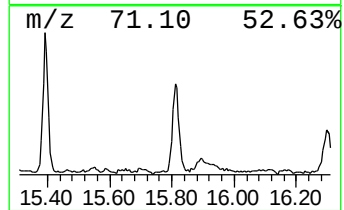
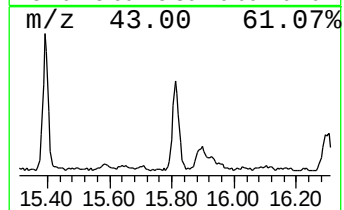
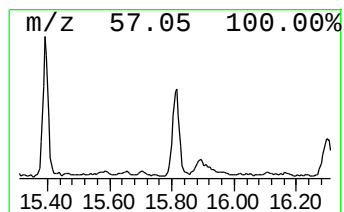
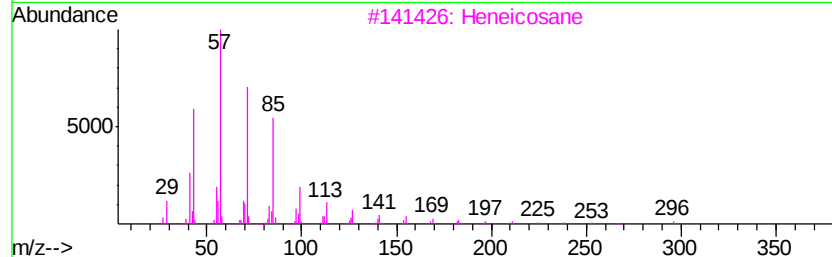
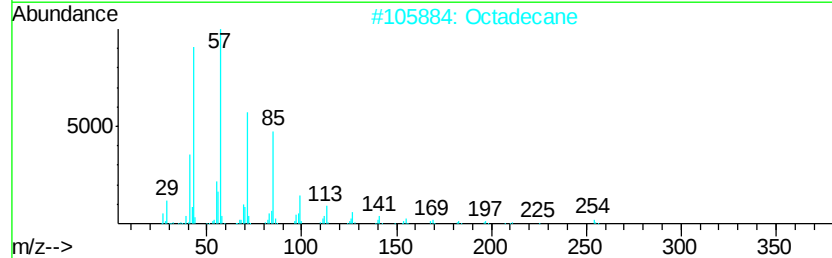
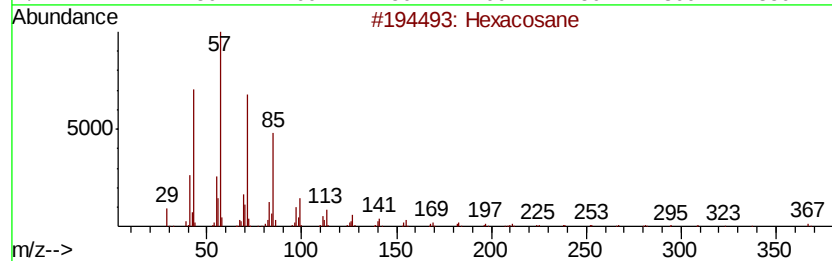
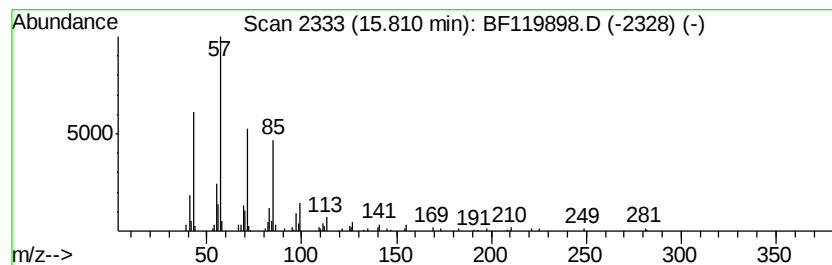
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.90 ng	200092	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane	282	C20H42	000112-95-8	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
 Data File : BF119898.D
 Acq On : 10 Apr 2020 16:51
 Operator : MA/SJ
 Sample : L2201-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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1-Decene	9.61	2.6	ng	177549	3	9.79	1360630	20.0
n-Hexadecanoic acid	11.82	12.9	ng	929839	4	11.28	1442390	20.0
Octadecanoic acid	12.60	6.8	ng	490457	4	11.28	1442390	20.0
Pentafluoropropio...	13.78	12.9	ng	812413	5	13.92	1262120	20.0
Heptacosane	14.09	2.6	ng	161567	5	13.92	1262120	20.0
Nonadecane, 9-met...	14.40	3.7	ng	232572	5	13.92	1262120	20.0
Tetracosane	14.70	5.3	ng	273932	6	15.35	1025830	20.0
Tetratetracontane	15.03	5.5	ng	280658	6	15.35	1025830	20.0
Hexacosane	15.81	3.9	ng	200092	6	15.35	1025830	20.0