

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119351.D
 Acq On : 11 Mar 2020 17:33
 Operator : CG/JU
 Sample : L1864-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	4.910	477	480	496	rBV	210192	321126	9.70%	1.362%
2	5.346	551	554	588	rBV	1513742	2004935	60.55%	8.505%
3	6.375	725	729	753	rBV	1834259	2074074	62.64%	8.798%
4	6.716	784	787	798	rBV	646678	595714	17.99%	2.527%
5	6.869	810	813	828	rBV	1820939	1842643	55.65%	7.816%
6	7.287	880	884	902	rBV	1277001	1398049	42.22%	5.930%
7	7.998	1002	1005	1022	rVB	851292	799016	24.13%	3.389%
8	9.075	1184	1188	1191	rBV	3228851	2844436	85.90%	12.066%
9	9.469	1252	1255	1261	rBV	256261	254339	7.68%	1.079%
10	9.751	1299	1303	1317	rVB	1123070	1005307	30.36%	4.264%
11	10.545	1434	1438	1450	rBV	2152059	2013172	60.80%	8.540%
12	11.239	1552	1556	1566	rBV	1108582	1077622	32.54%	4.571%
13	11.769	1640	1646	1655	rBV2	136585	185200	5.59%	0.786%
14	12.463	1760	1764	1772	rBV	37568	56227	1.70%	0.239%
15	12.551	1775	1779	1786	rBV	89659	110110	3.33%	0.467%
16	12.686	1797	1802	1805	rBV	39114	43277	1.31%	0.184%
17	12.822	1820	1825	1828	rBV	3610491	3311361	100.00%	14.047%
18	13.716	1974	1977	1988	rBV2	137322	275918	8.33%	1.170%
19	13.880	2001	2005	2015	rBV	900052	911890	27.54%	3.868%
20	14.027	2027	2030	2033	rBV	66377	64142	1.94%	0.272%
21	14.333	2078	2082	2084	rBV	126561	125510	3.79%	0.532%
22	14.363	2084	2087	2096	rVB5	48125	111454	3.37%	0.473%
23	14.627	2128	2132	2136	rBV	183287	180403	5.45%	0.765%
24	14.698	2141	2144	2149	rVB	40262	49558	1.50%	0.210%
25	14.945	2182	2186	2190	rVB	225037	260542	7.87%	1.105%
26	15.016	2192	2198	2205	rVB	24997	56861	1.72%	0.241%
27	15.310	2241	2248	2259	rVB3	638615	1097722	33.15%	4.656%
28	15.698	2309	2314	2320	rVB	183667	274950	8.30%	1.166%
29	16.163	2388	2393	2398	rVB	91816	156052	4.71%	0.662%
30	16.710	2481	2486	2492	rVB	39126	72663	2.19%	0.308%

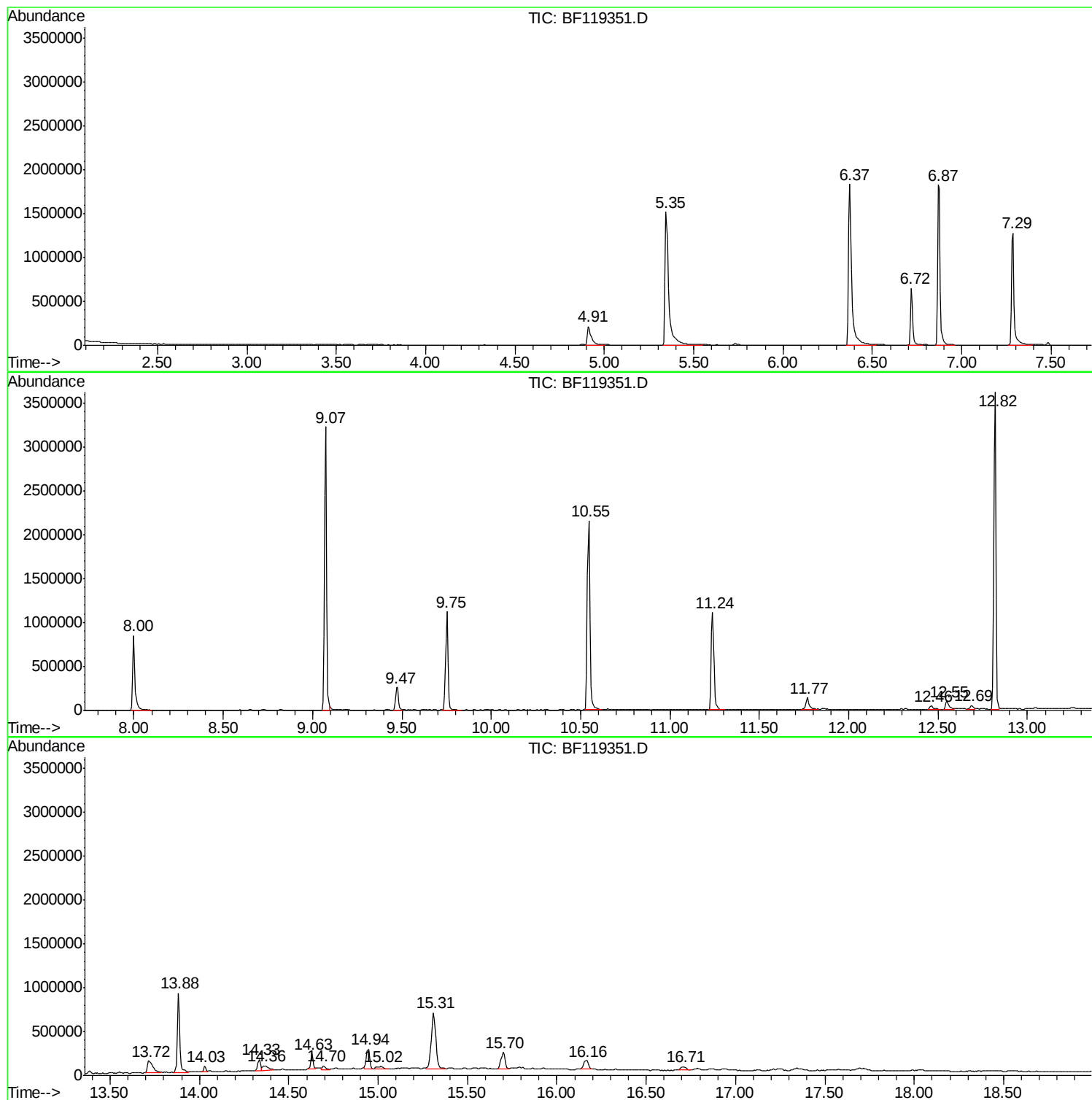
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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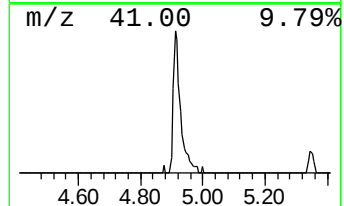
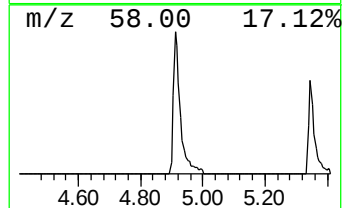
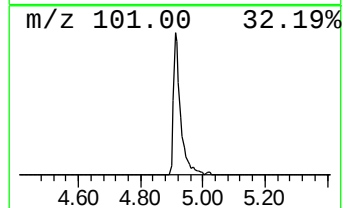
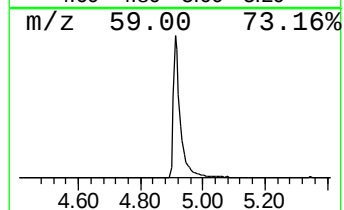
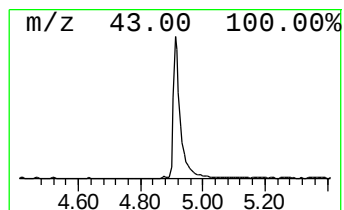
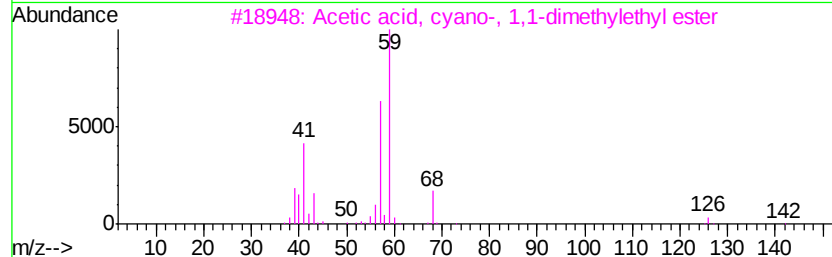
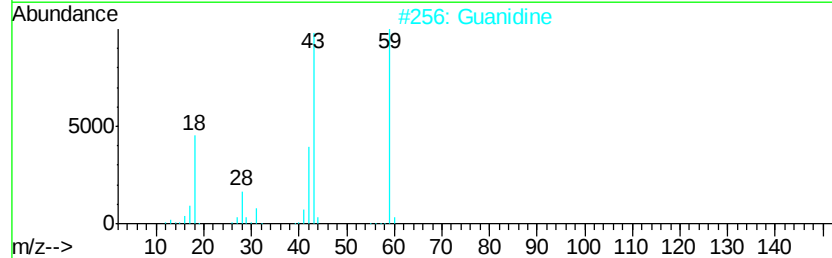
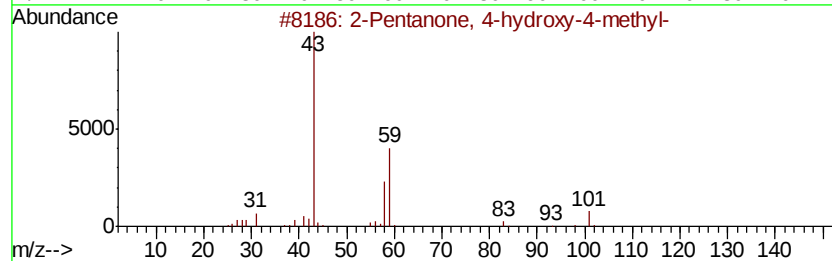
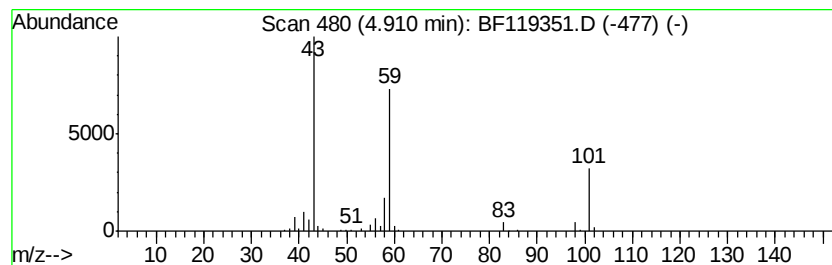
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	10.78 ng	321126	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Guanidine	59	CH5N3	000113-00-8	50
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	38
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25



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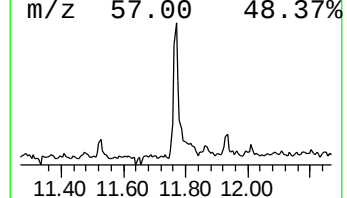
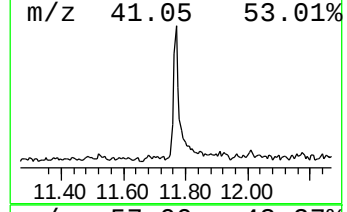
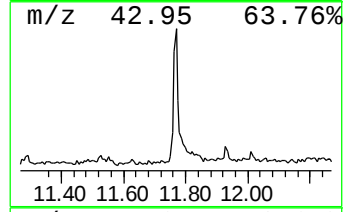
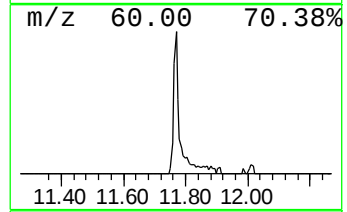
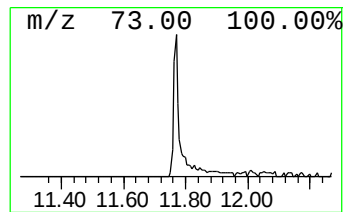
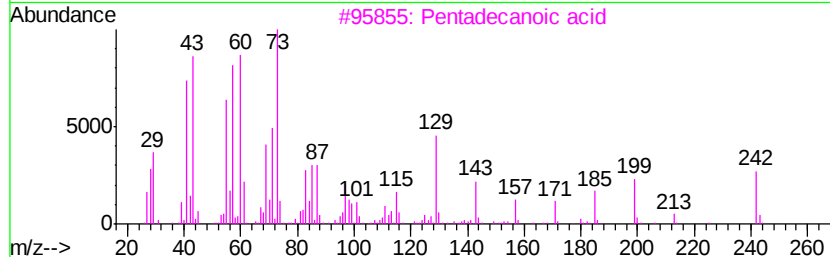
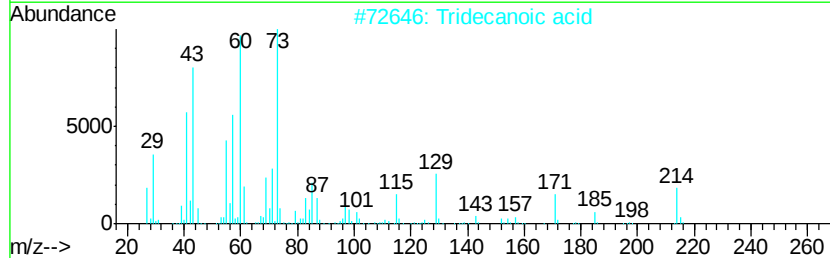
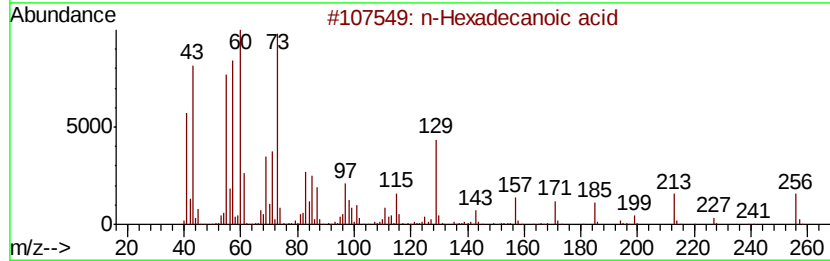
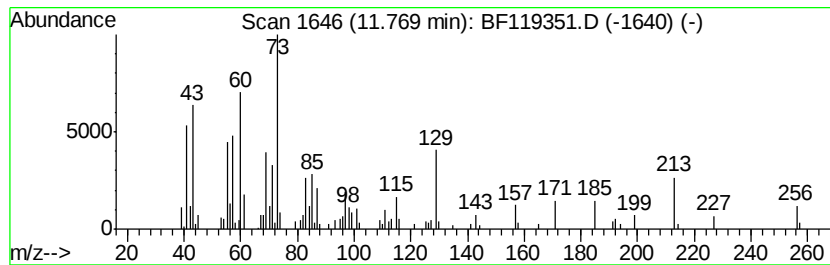
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.44 ng	185200	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	52



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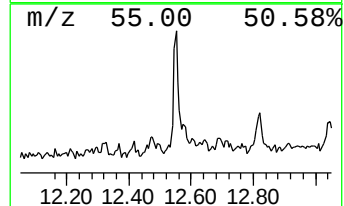
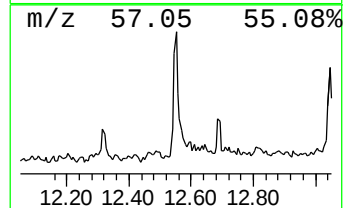
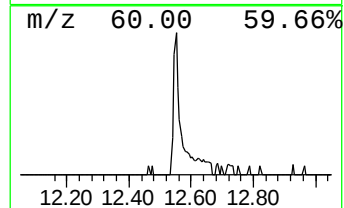
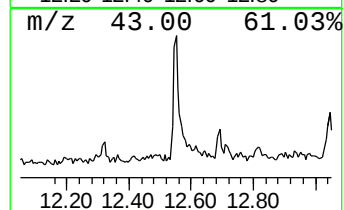
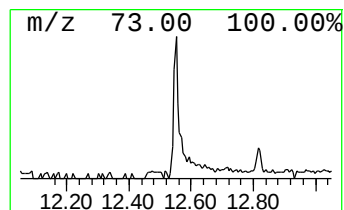
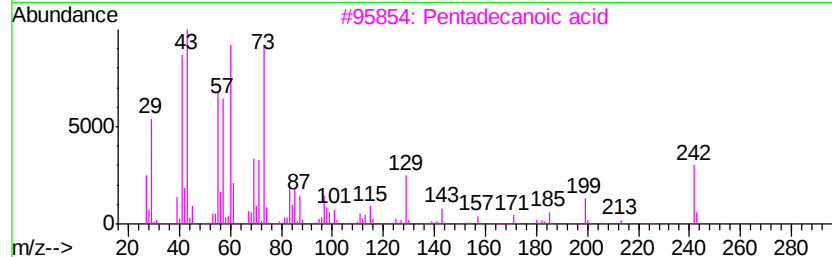
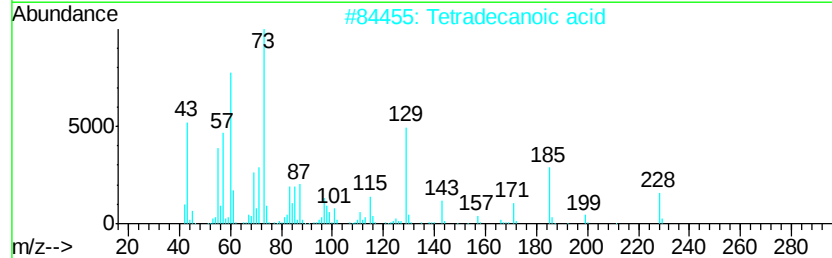
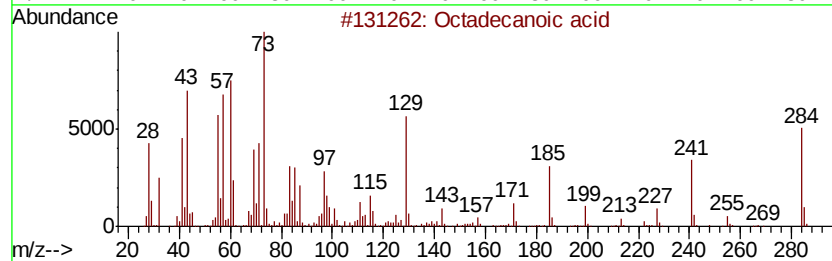
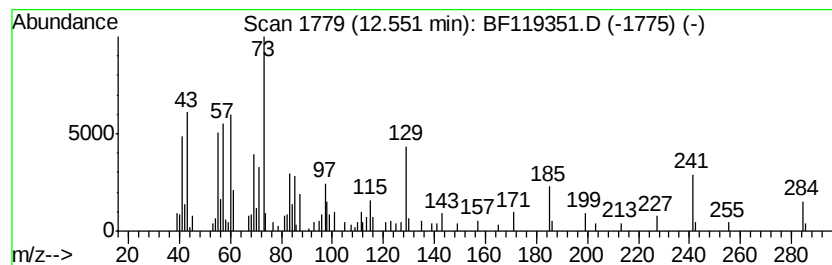
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Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.55	2.04 ng	110110	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



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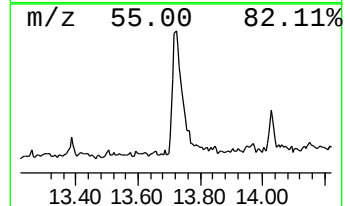
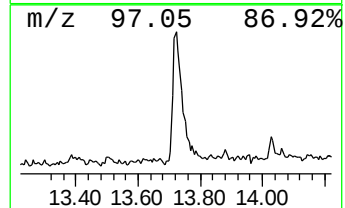
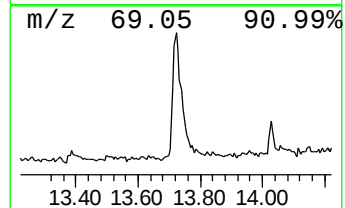
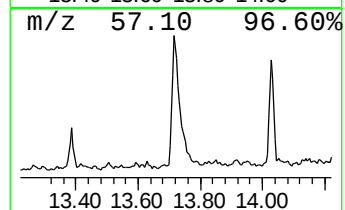
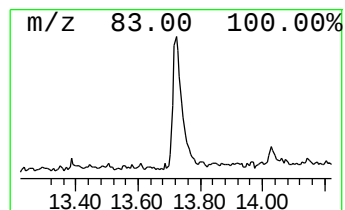
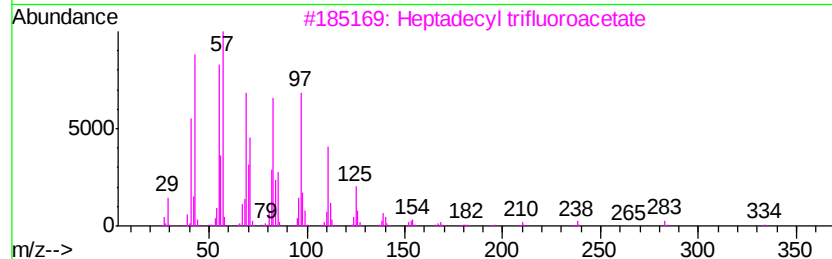
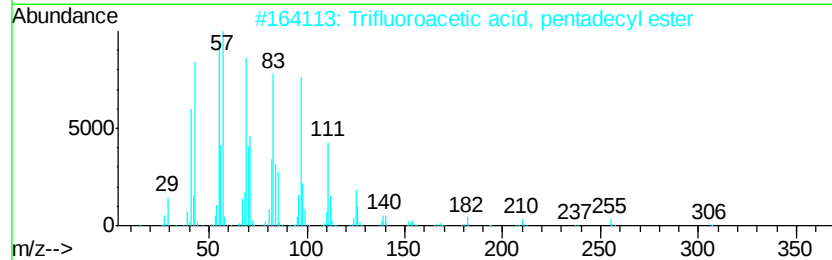
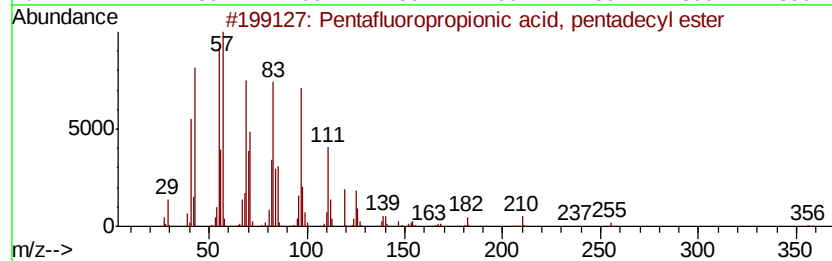
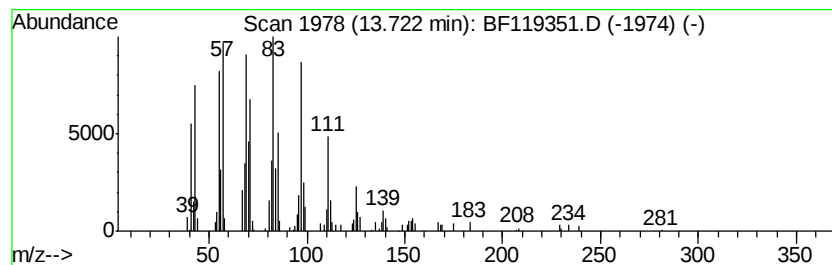
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 Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.05 ng	275918	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90



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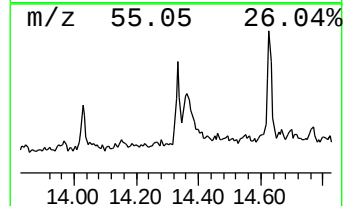
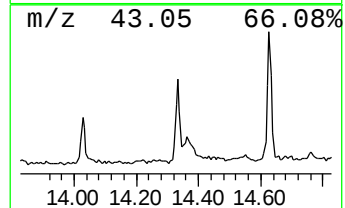
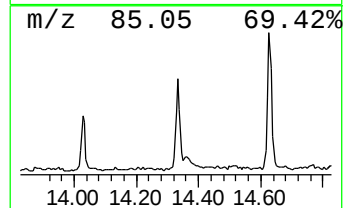
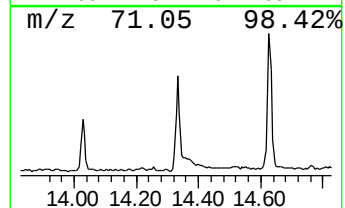
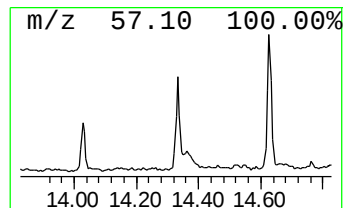
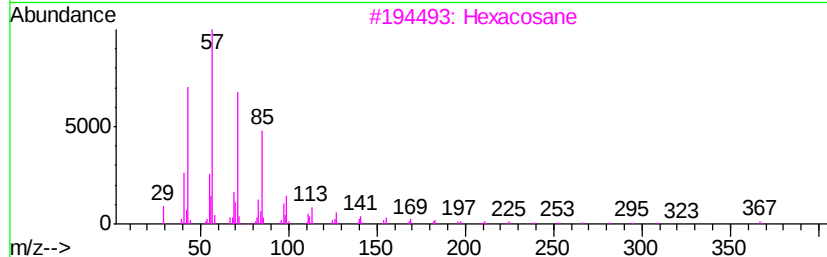
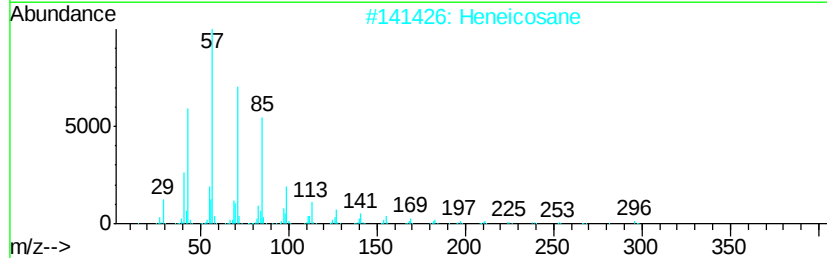
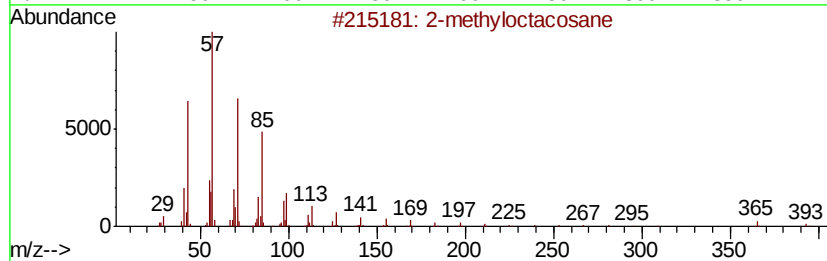
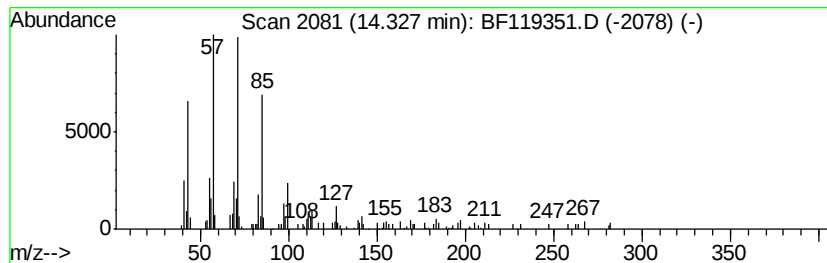
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Peak Number 6 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.75 ng	125510	Chrysene-d12	13.88

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	91
4		triacontane	422	C30H62	000638-68-6	91
5		Octacosane	394	C28H58	000630-02-4	91



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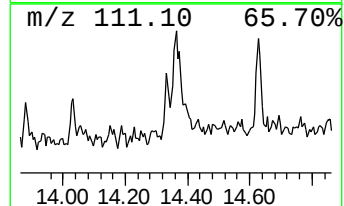
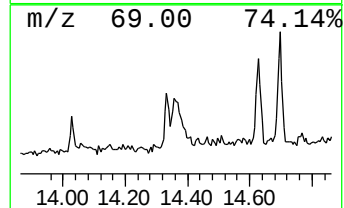
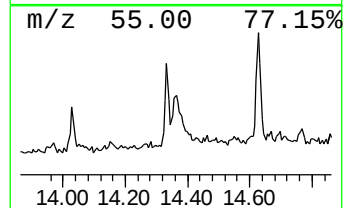
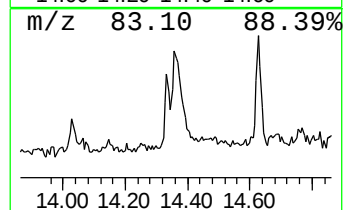
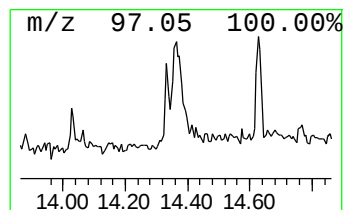
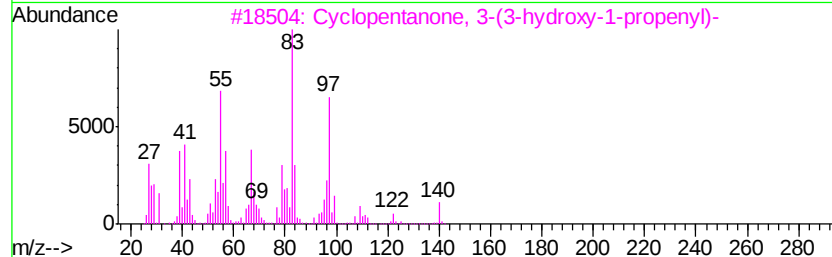
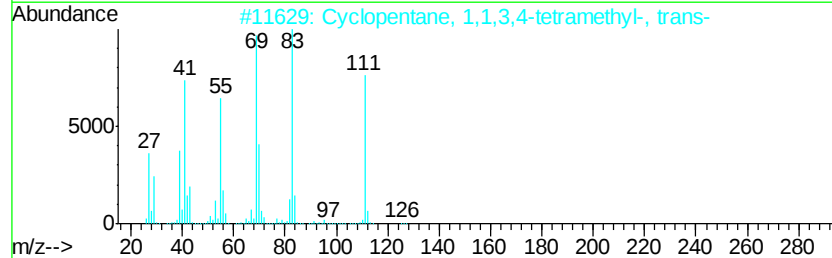
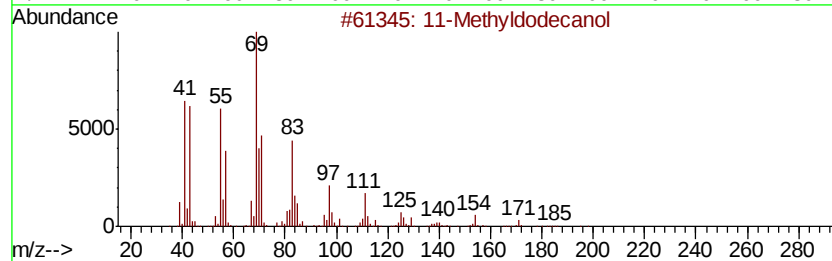
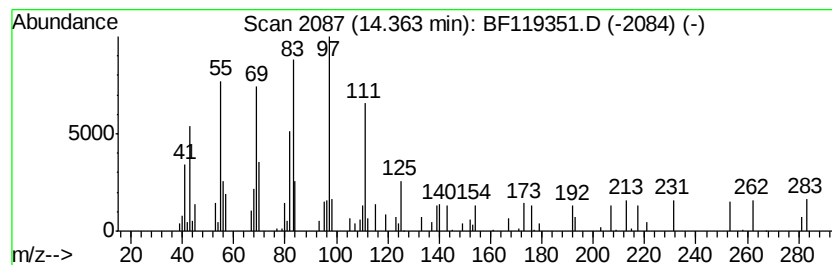
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11-Methyldodecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.44 ng	111454	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Methyldodecanol	200	C13H28O	085763-57-1	58
2		Cyclopentane, 1,1,3,4-tetramethyl-	126	C9H18	020309-77-7	46
3		Cyclopentanone, 3-(3-hydroxy-1-propenyl)-	140	C8H12O2	074473-08-8	30
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
5		4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
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Acq On : 11 Mar 2020 17:33
Operator : CG/JU
Sample : L1864-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

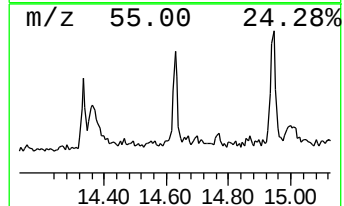
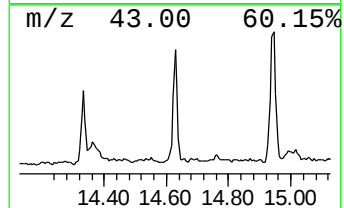
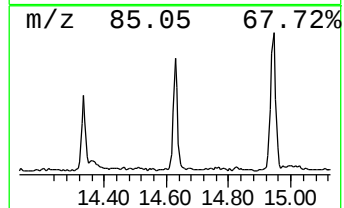
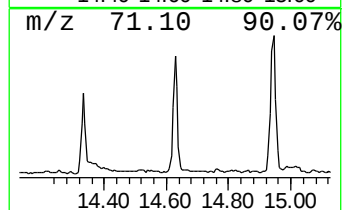
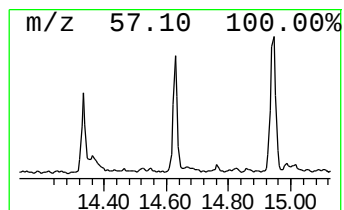
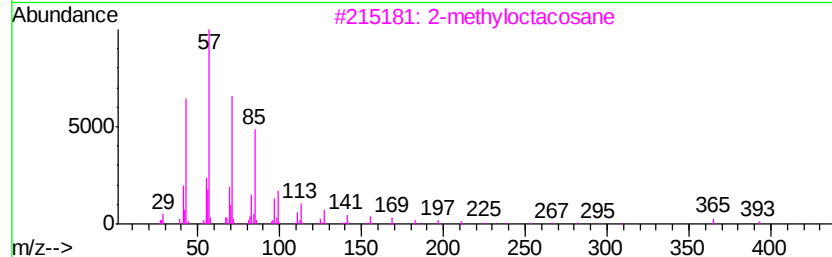
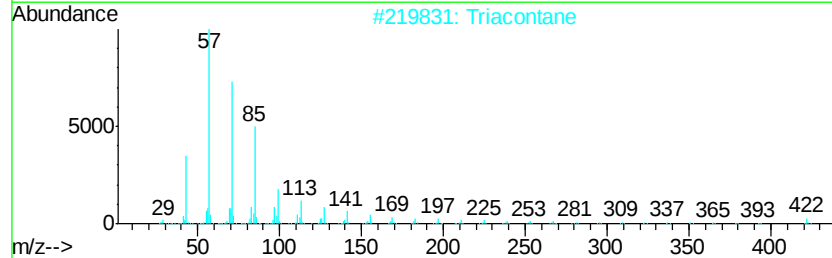
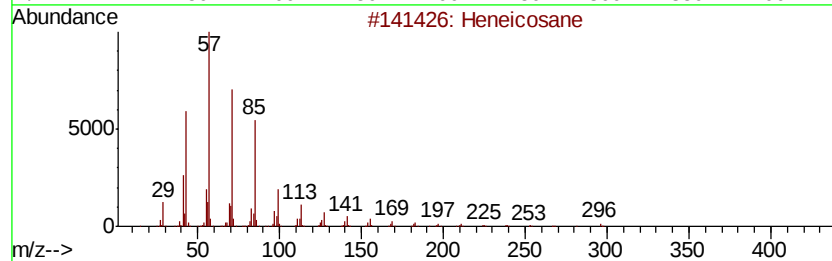
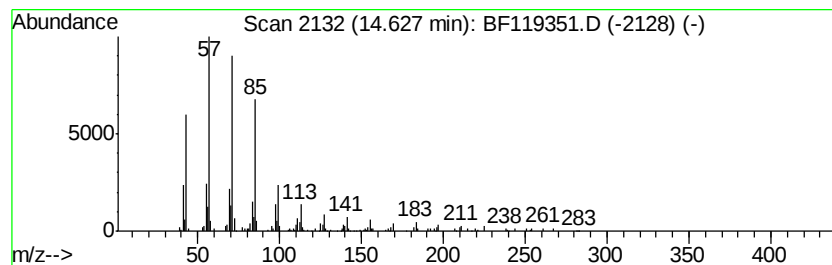
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.29 ng	180403	Perylene-d12	15.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacontane		422	C30H62	000638-68-6	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Heptadecane		240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119351.D
Acq On : 11 Mar 2020 17:33
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Instrument :
BNA_F
ClientSampleId :
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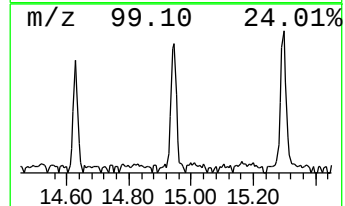
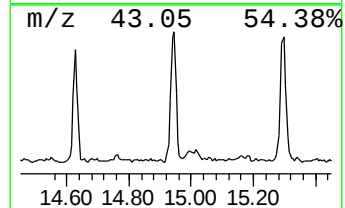
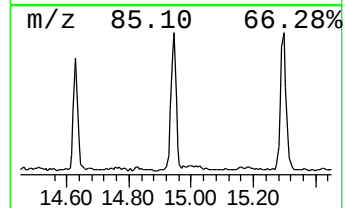
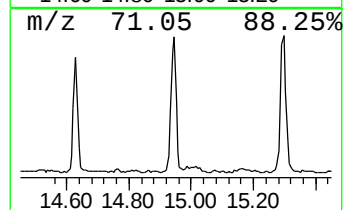
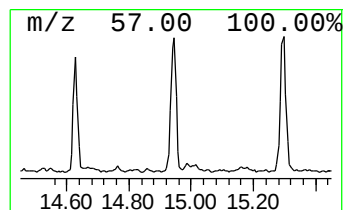
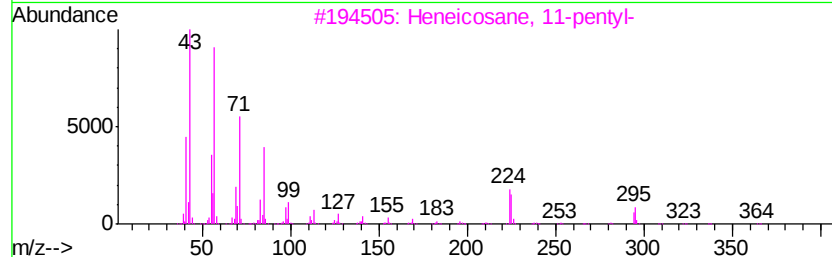
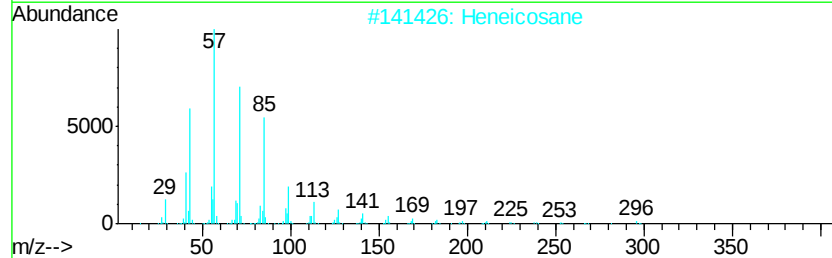
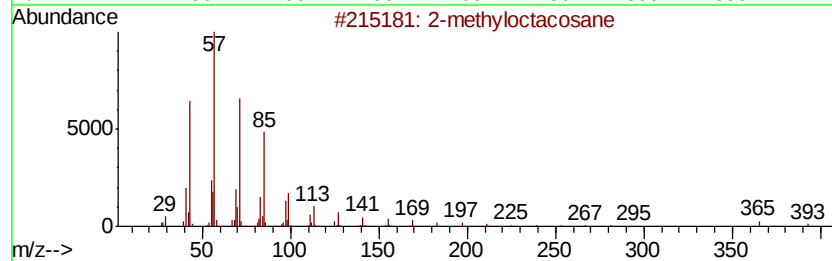
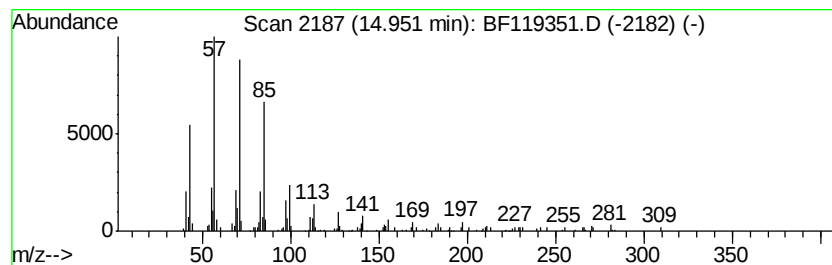
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane, 11-pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.75 ng	260542	Perylene-d12	15.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119351.D
Acq On : 11 Mar 2020 17:33
Operator : CG/JU
Sample : L1864-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

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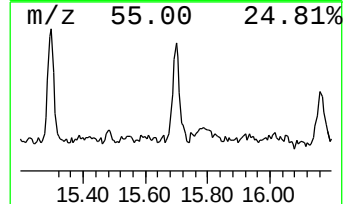
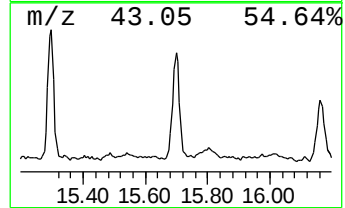
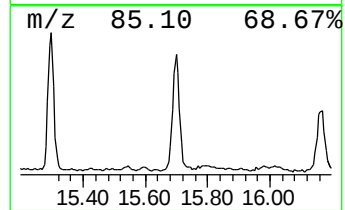
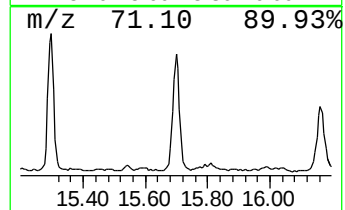
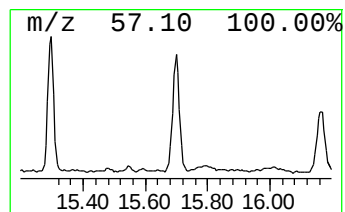
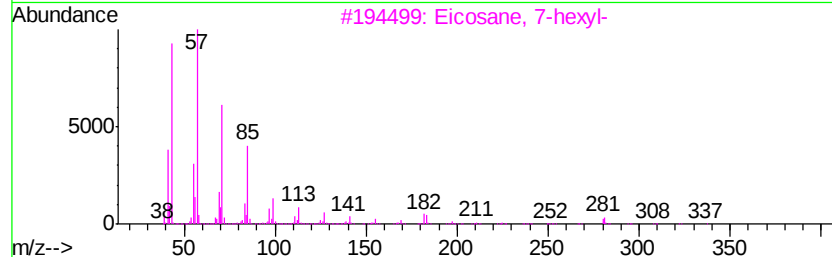
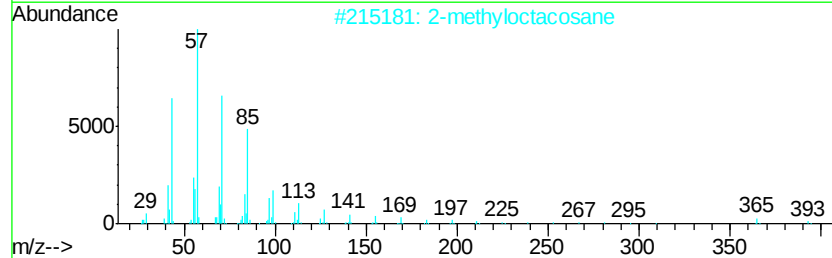
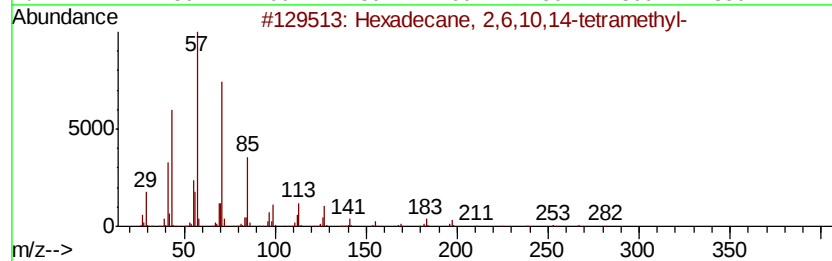
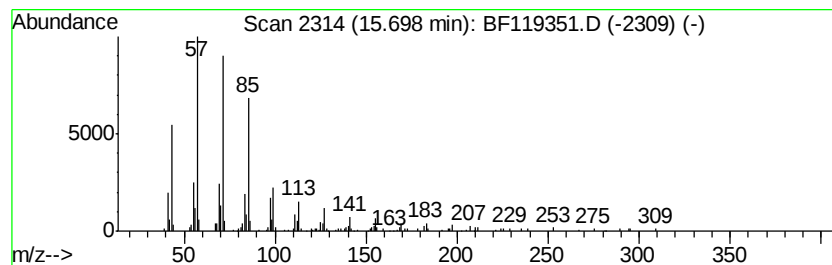
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	5.01 ng	274950	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119351.D
Acq On : 11 Mar 2020 17:33
Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
SP-3

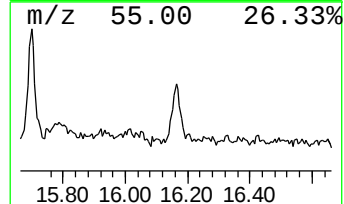
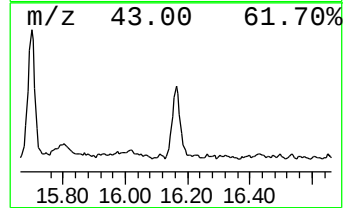
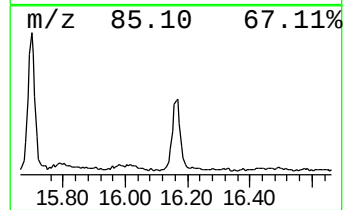
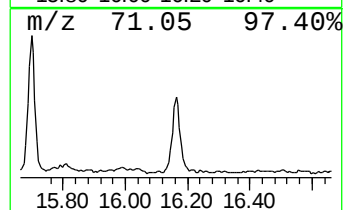
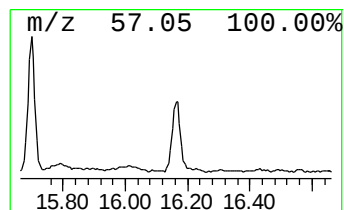
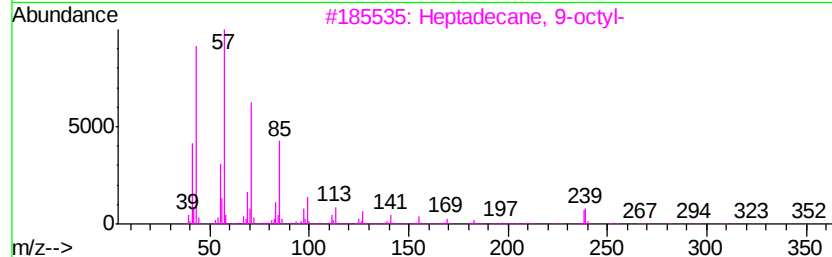
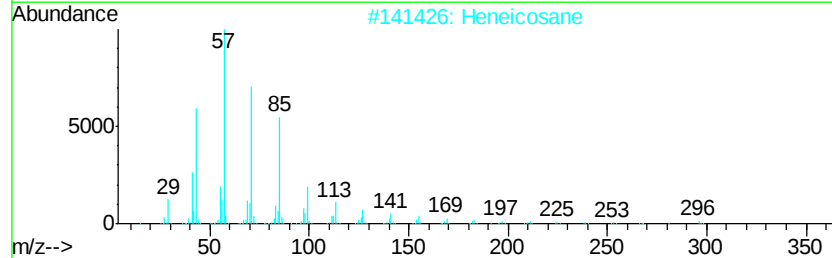
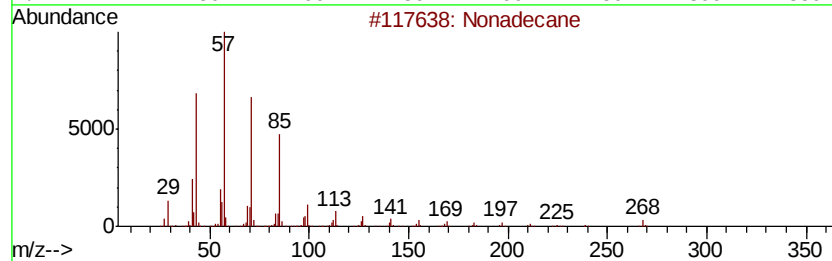
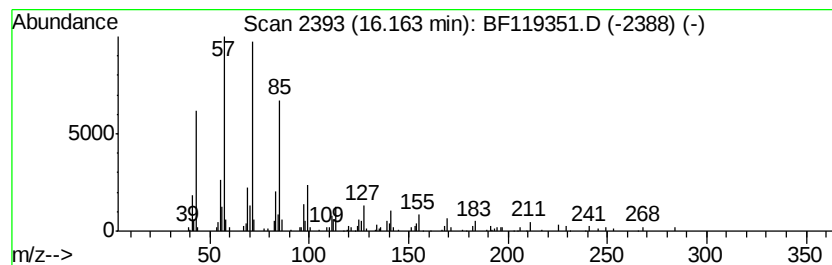
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.84 ng	156052	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031120\
 Data File : BF119351.D
 Acq On : 11 Mar 2020 17:33
 Operator : CG/JU
 Sample : L1864-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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n-Hexadecanoic acid	11.77	3.4	ng	185200	4	11.24	1077620	20.0
Octadecanoic acid	12.55	2.0	ng	110110	4	11.24	1077620	20.0
Pentafluoropropio...	13.72	6.0	ng	275918	5	13.88	911890	20.0
2-methyloctacosane	14.33	2.8	ng	125510	5	13.88	911890	20.0
11-Methyldodecanol	14.36	2.4	ng	111454	5	13.88	911890	20.0
Heneicosane	14.63	3.3	ng	180403	6	15.31	1097720	20.0
Heneicosane, 11-p...	14.95	4.8	ng	260542	6	15.31	1097720	20.0
Hexadecane, 2,6,1...	15.70	5.0	ng	274950	6	15.31	1097720	20.0
Nonadecane	16.16	2.8	ng	156052	6	15.31	1097720	20.0