

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119434.D
 Acq On : 19 Mar 2020 00:20
 Operator : CG/JU
 Sample : L1943-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8A

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-BF031820.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	2.157	7	12	26	rVB	279403	419025	4.99%	0.611%
2	5.081	505	509	515	rVB	96134	117318	1.40%	0.171%
3	5.469	569	575	578	rBV	7881093	7981771	95.14%	11.639%
4	6.475	740	746	749	rBV	7288563	8012039	95.50%	11.683%
5	6.851	807	810	814	rVB	2507019	2109566	25.15%	3.076%
6	7.010	833	837	840	rBV	6958362	6124816	73.00%	8.931%
7	7.416	900	906	909	rBV	5436422	5206573	62.06%	7.592%
8	8.139	1024	1029	1032	rBV	3277480	2717924	32.40%	3.963%
9	9.222	1207	1213	1216	rBV	8612405	8389598	100.00%	12.233%
10	9.610	1275	1279	1282	rBV	823852	598298	7.13%	0.872%
11	9.898	1323	1328	1331	rBV	3489894	2858980	34.08%	4.169%
12	10.686	1456	1462	1465	rBV	5387059	4921321	58.66%	7.176%
13	11.386	1576	1581	1583	rBV	3067325	2722231	32.45%	3.969%
14	11.916	1667	1671	1675	rBV	675378	596782	7.11%	0.870%
15	12.598	1783	1787	1790	rBV	508757	444443	5.30%	0.648%
16	12.698	1800	1804	1811	rBV	230824	254302	3.03%	0.371%
17	12.821	1819	1825	1828	rBV	411671	438754	5.23%	0.640%
18	12.974	1847	1851	1854	rBV	7166246	6322199	75.36%	9.219%
19	13.868	2000	2003	2012	rBV	1093301	1163435	13.87%	1.696%
20	14.021	2024	2029	2032	rBV	1989879	2002920	23.87%	2.921%
21	14.045	2032	2033	2039	rVB	173968	156497	1.87%	0.228%
22	14.198	2056	2059	2063	rVB	193125	179661	2.14%	0.262%
23	14.504	2107	2111	2114	rBV	388276	379180	4.52%	0.553%
24	14.815	2160	2164	2170	rVB	320368	314750	3.75%	0.459%
25	15.063	2202	2206	2209	rBV	179758	268478	3.20%	0.391%
26	15.157	2218	2222	2231	rVB2	320152	452959	5.40%	0.660%
27	15.362	2254	2257	2263	rVB	95400	118862	1.42%	0.173%
28	15.427	2264	2268	2273	rVV2	158400	177277	2.11%	0.258%
29	15.498	2274	2280	2284	rVV	1369698	1773765	21.14%	2.586%
30	15.545	2284	2288	2296	rVB	248514	357085	4.26%	0.521%
31	15.992	2359	2364	2368	rBV	190974	304080	3.62%	0.443%
32	16.033	2368	2371	2380	rVB3	163500	266311	3.17%	0.388%
33	16.504	2446	2451	2457	rBV	95753	192045	2.29%	0.280%
34	16.951	2523	2527	2534	rVB3	69532	137230	1.64%	0.200%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8A

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.392	2597	2602	2608	rbV3	57035	99983	1.19%	0.146%
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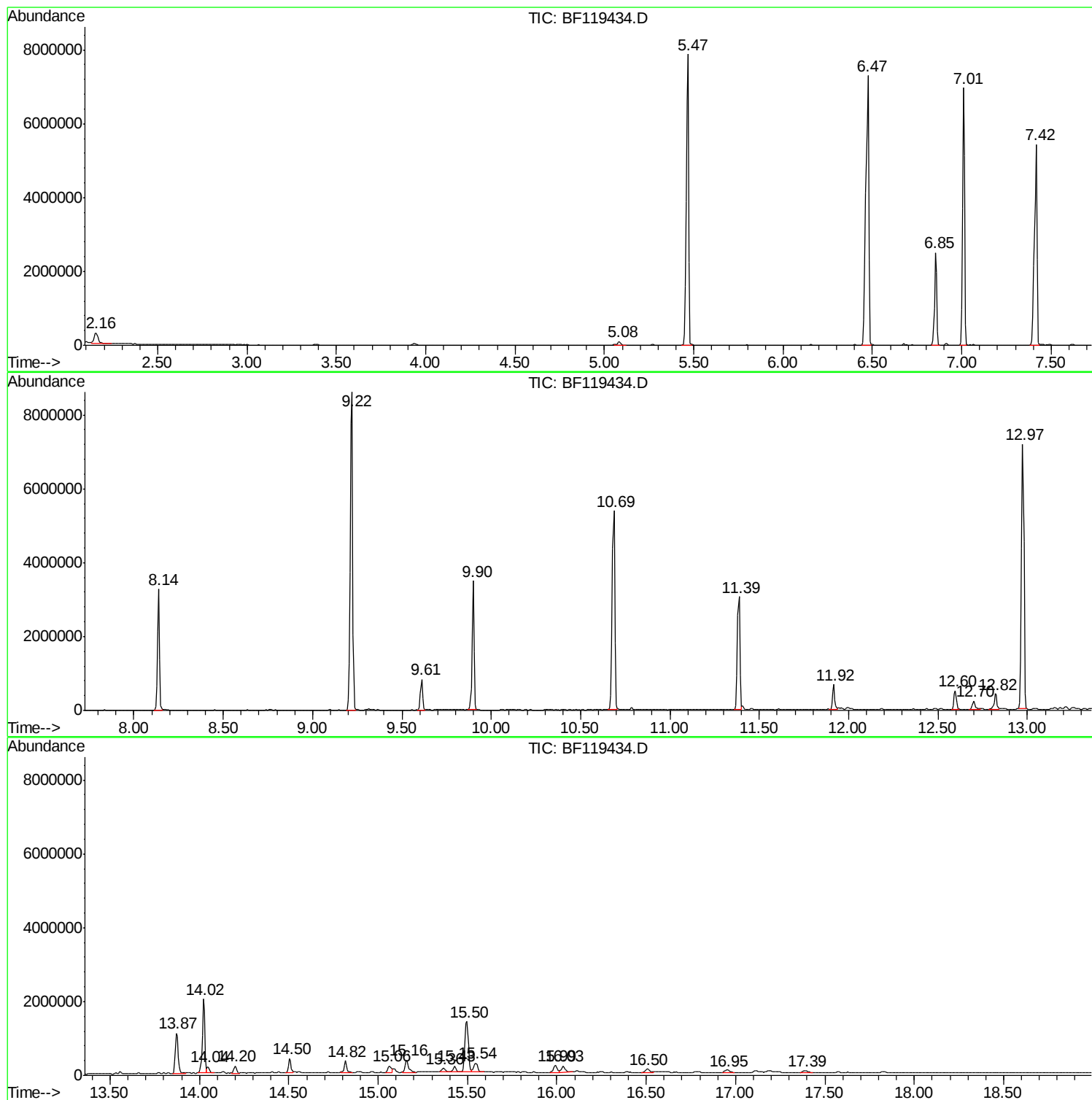
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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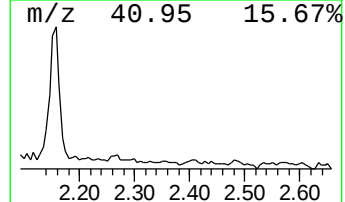
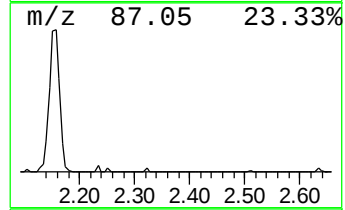
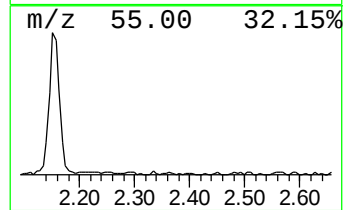
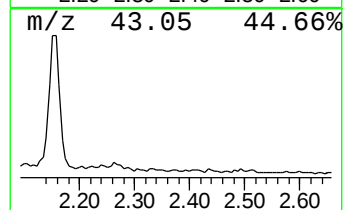
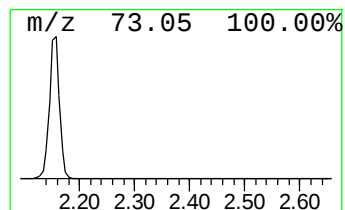
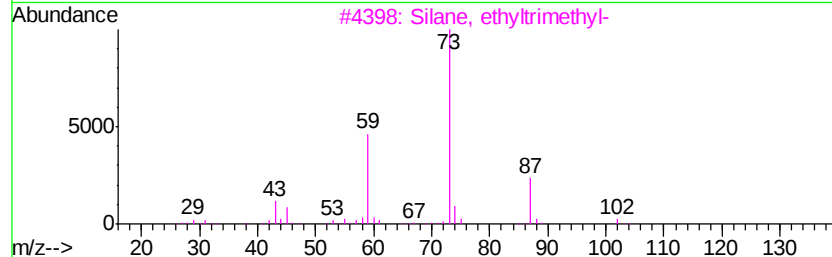
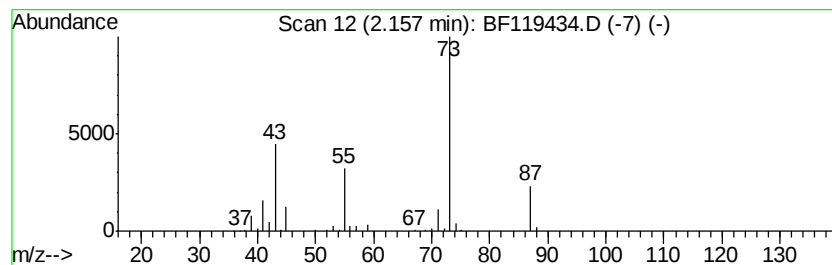
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.97 ng	419025	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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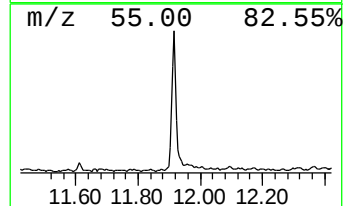
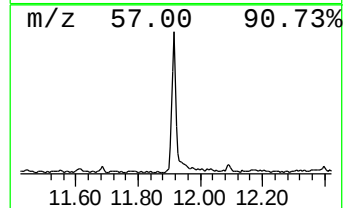
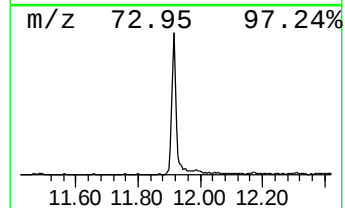
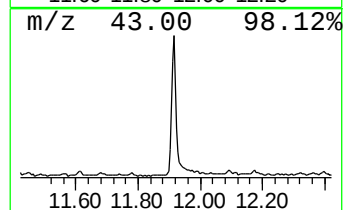
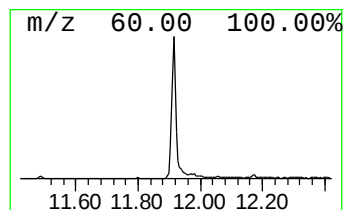
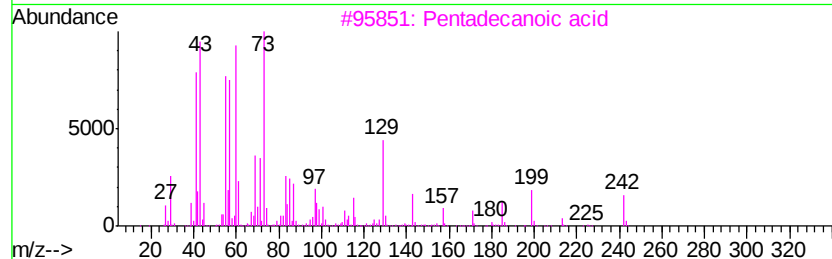
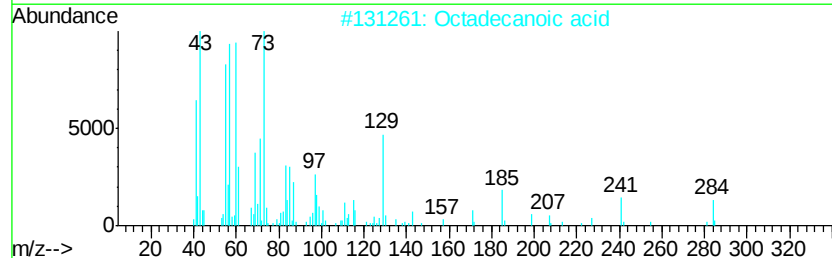
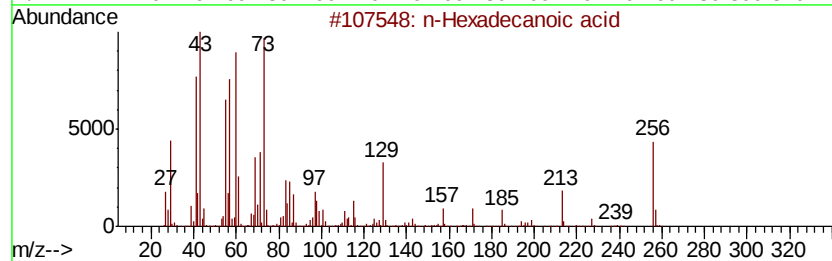
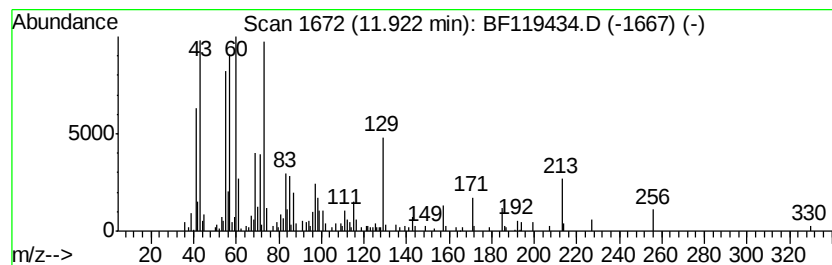
Instrument :
BNA_F
ClientSampleId :
TP-8A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.92	4.38 ng	596782	Phenanthrene-d10		11.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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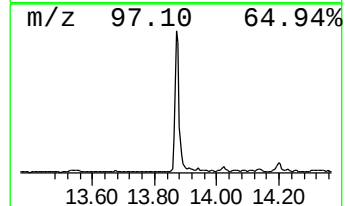
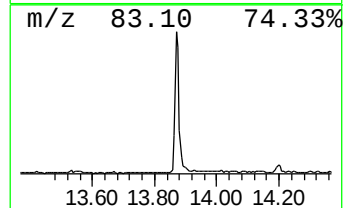
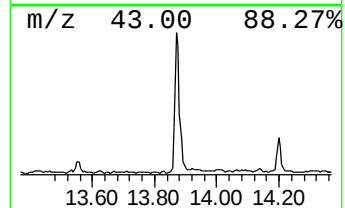
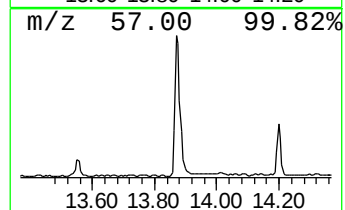
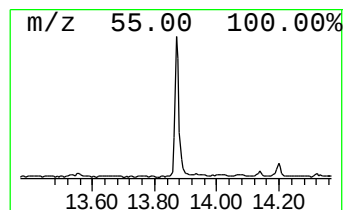
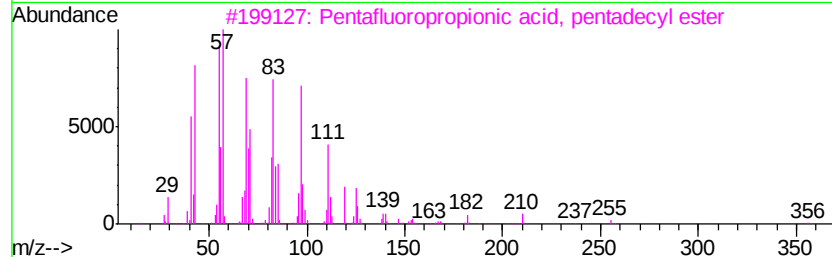
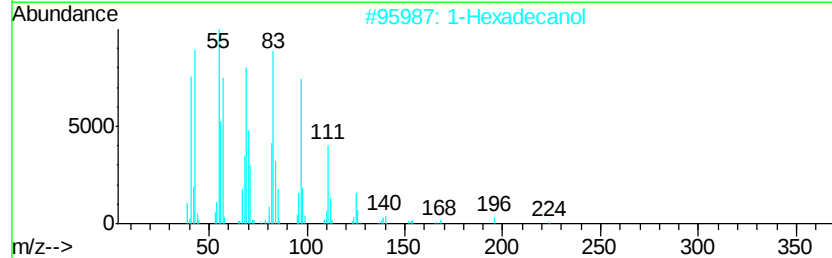
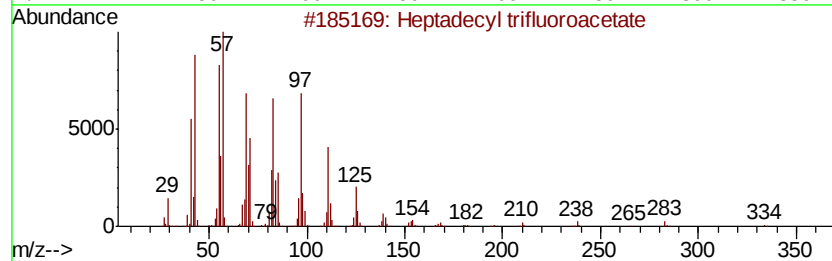
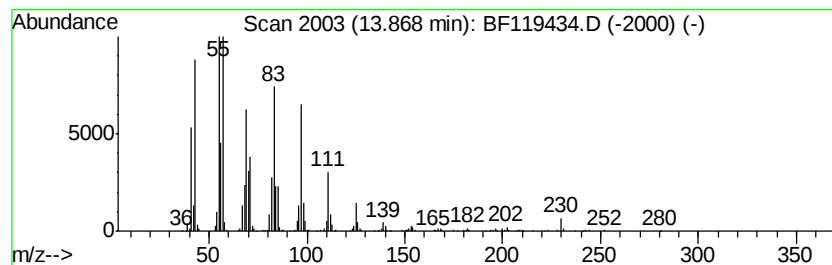
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.62 ng	1163440	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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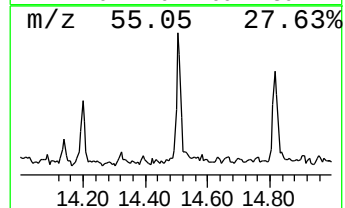
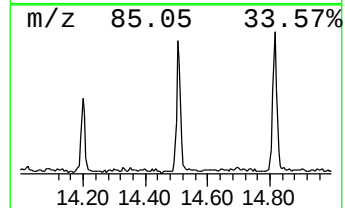
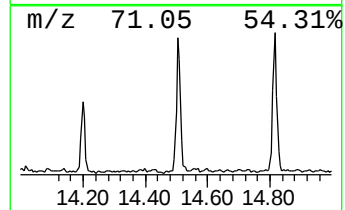
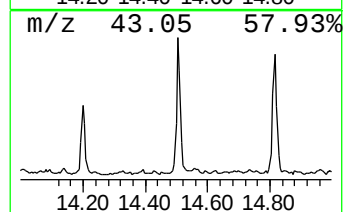
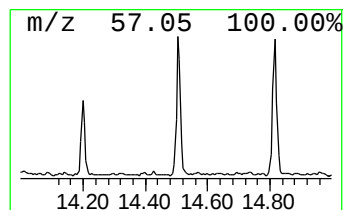
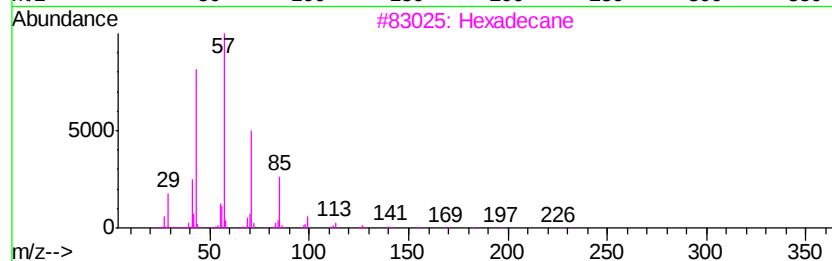
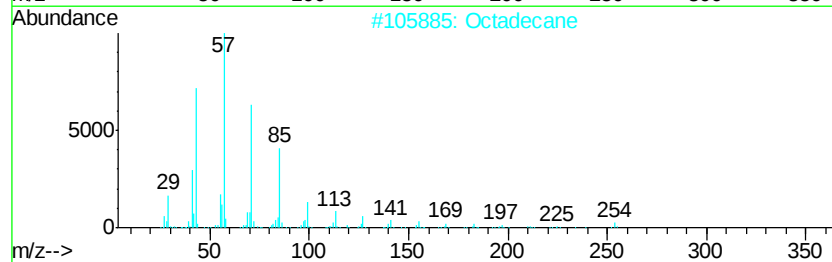
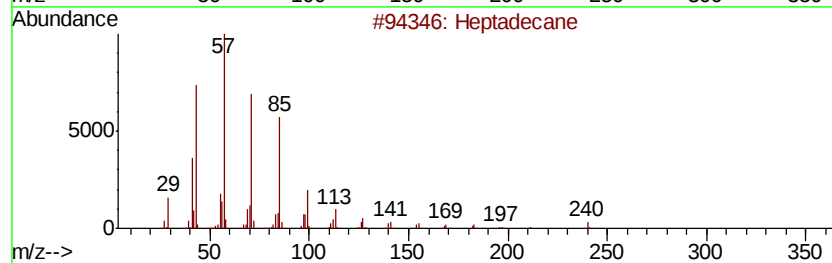
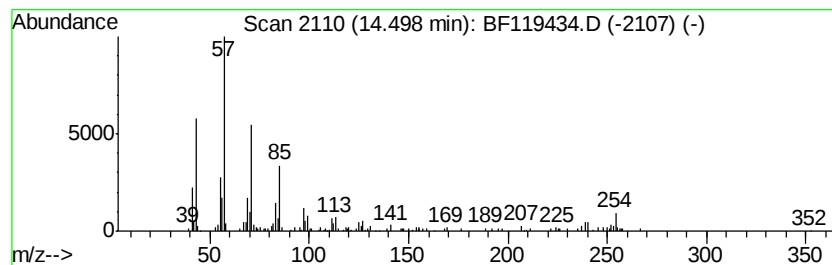
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.50	3.79 ng	379180	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octadecane	254	C18H38	000593-45-3	92
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	83



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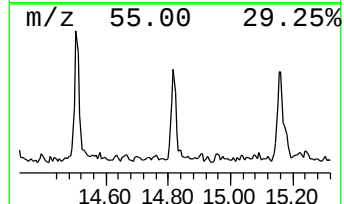
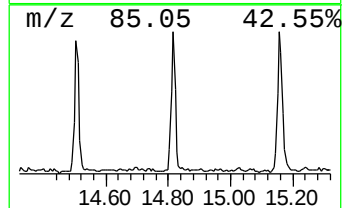
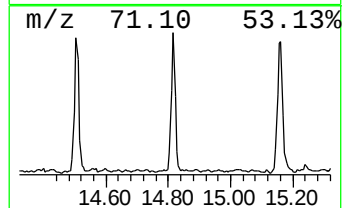
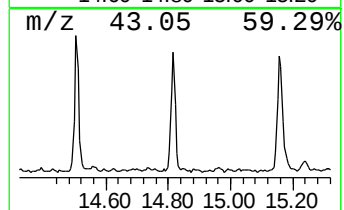
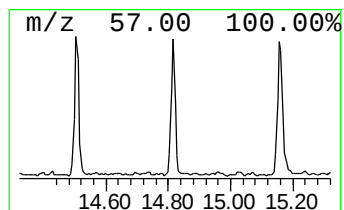
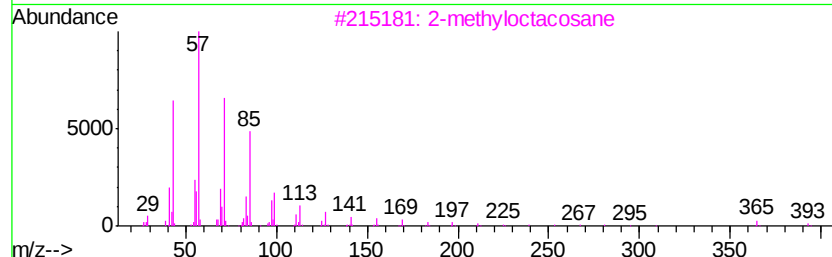
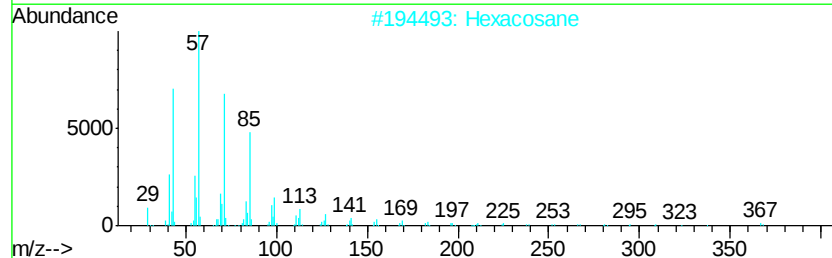
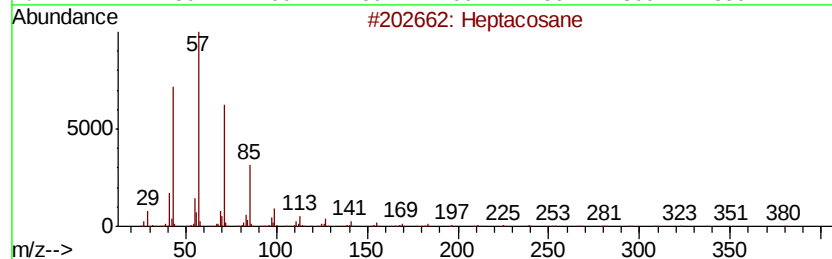
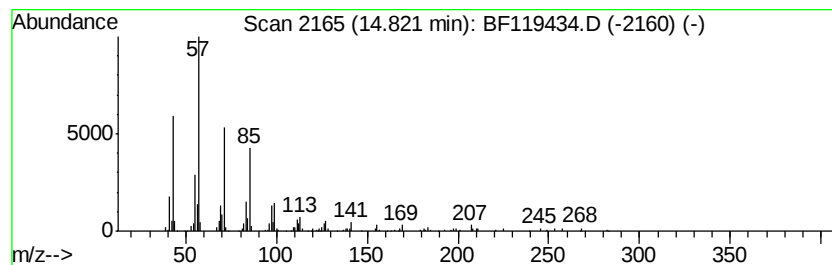
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.55 ng	314750	Perylene-d12	15.50

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	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tridecane, 2-methyl-		198	C14H30	001560-96-9	87



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TP-8A

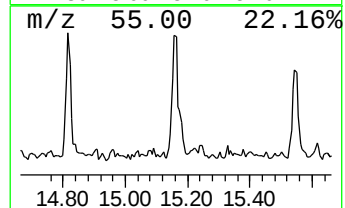
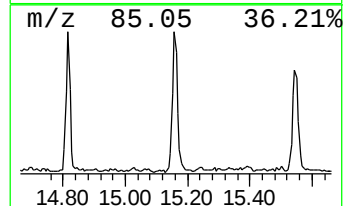
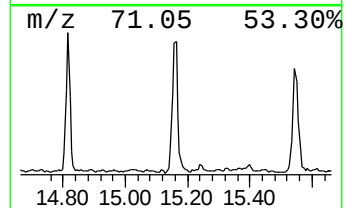
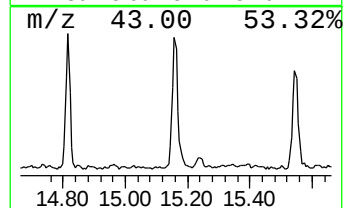
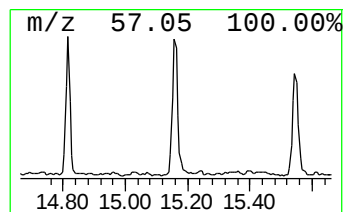
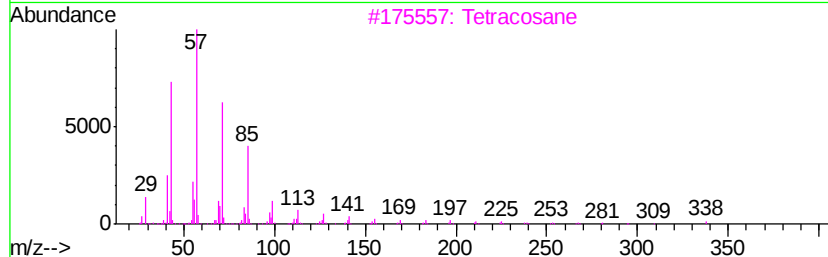
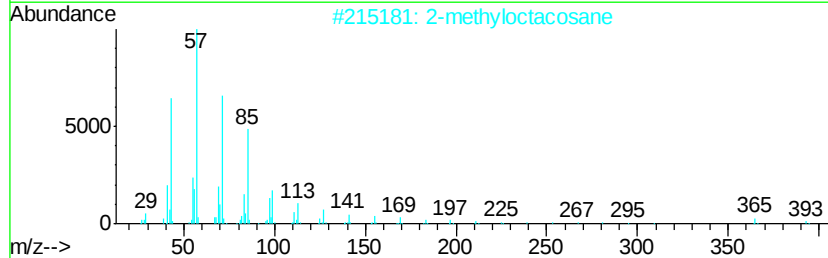
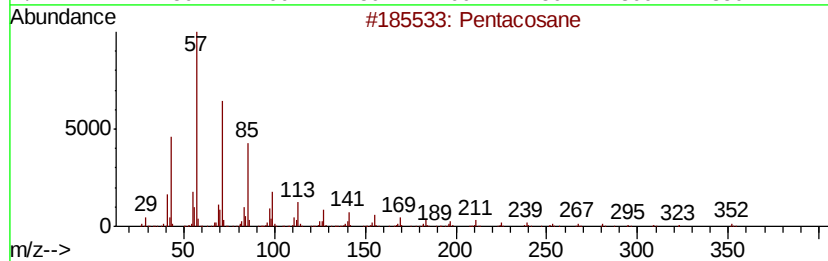
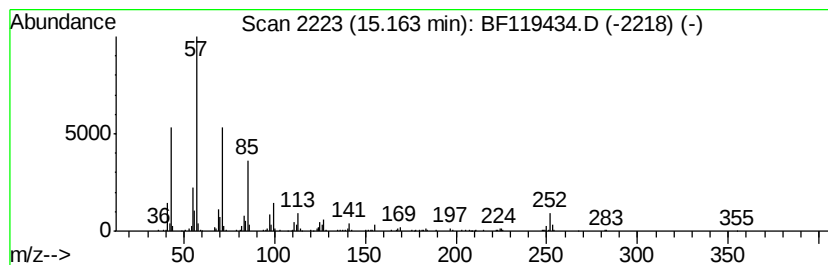
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.11 ng	452959	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	90
2	2-methyloctacosane		408	C29H60	1000376-72-8	87
3	Tetracosane		338	C24H50	000646-31-1	87
4	Tetradecane		198	C14H30	000629-59-4	83
5	Heneicosane		296	C21H44	000629-94-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119434.D
Acq On : 19 Mar 2020 00:20
Operator : CG/JU
Sample : L1943-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8A

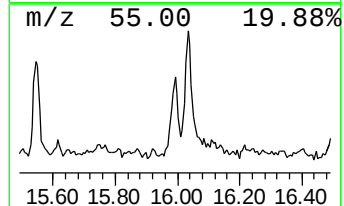
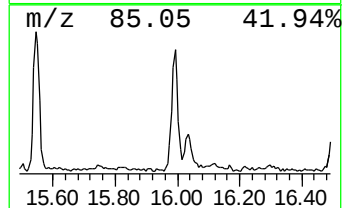
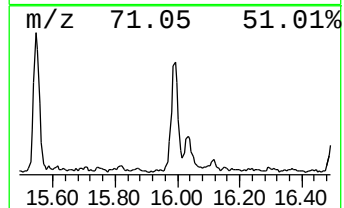
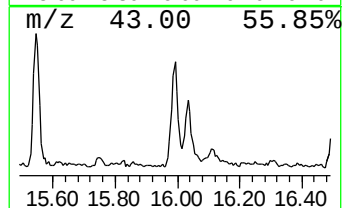
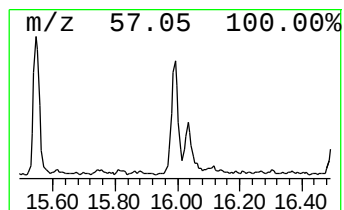
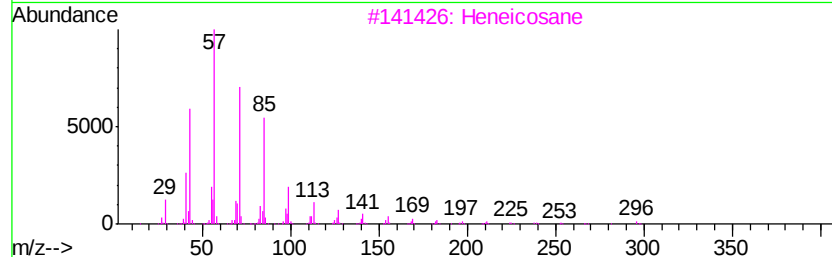
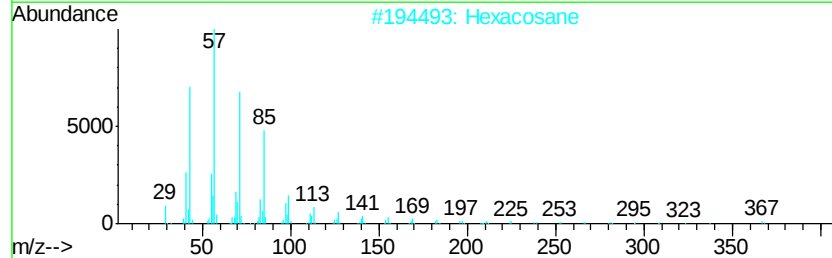
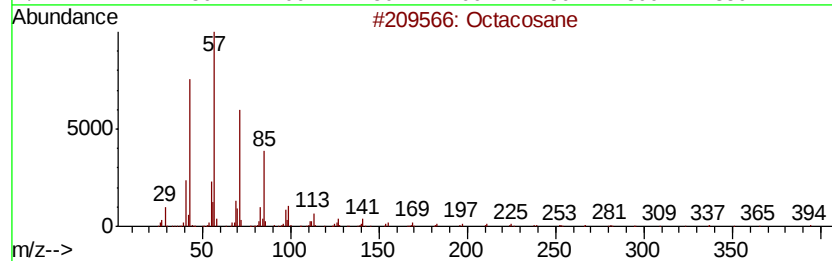
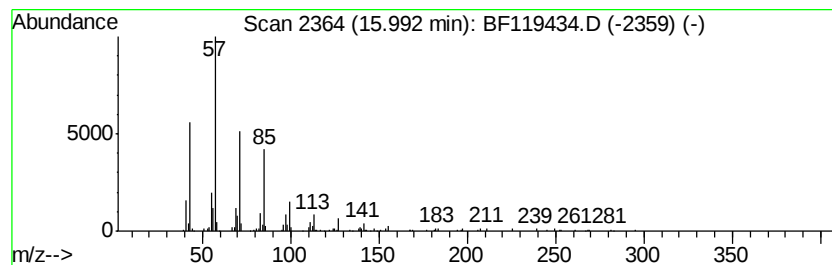
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.43 ng	304080	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119434.D
Acq On : 19 Mar 2020 00:20
Operator : CG/JU
Sample : L1943-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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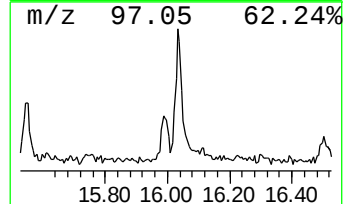
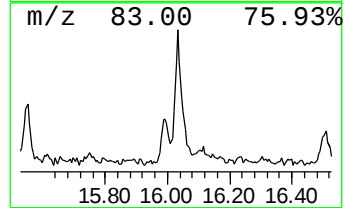
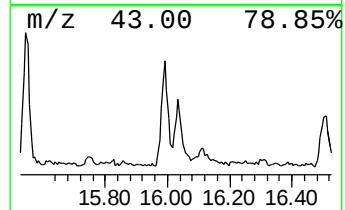
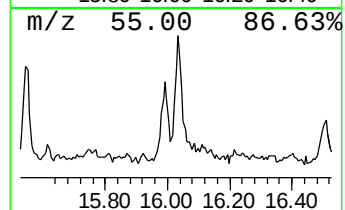
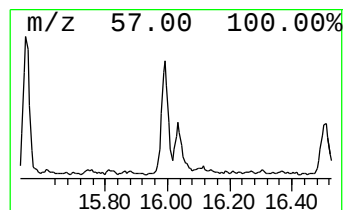
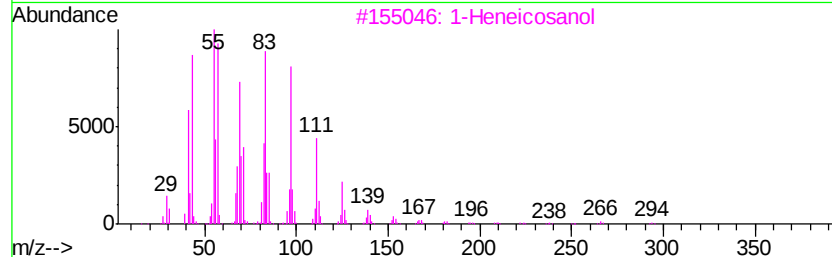
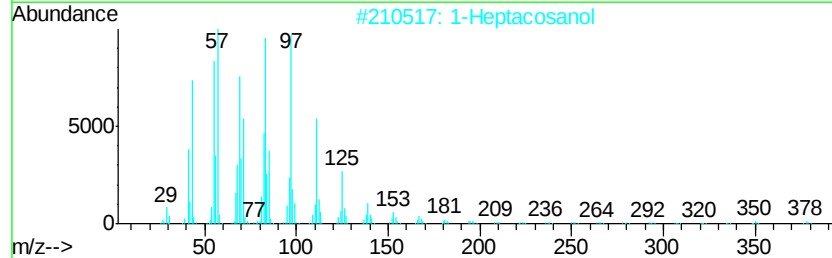
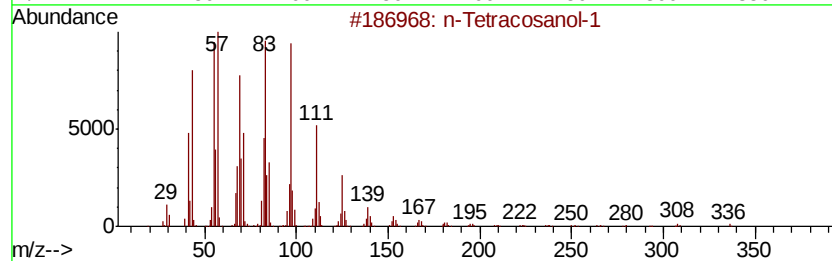
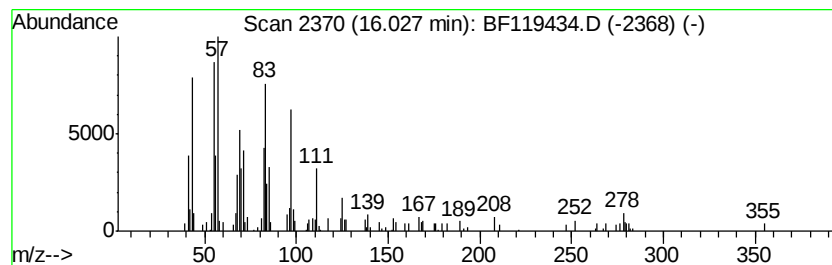
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.00 ng	266311	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93	
2	1-Heptacosanol	396	C27H56O	002004-39-9	90	
3	1-Heneicosanol	312	C21H44O	015594-90-8	80	
4	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	80	
5	Octacosyl acetate	452	C30H60O2	018206-97-8	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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Acq On : 19 Mar 2020 00:20
Operator : CG/JU
Sample : L1943-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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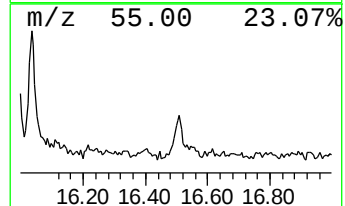
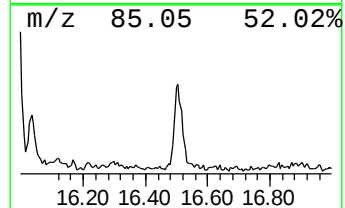
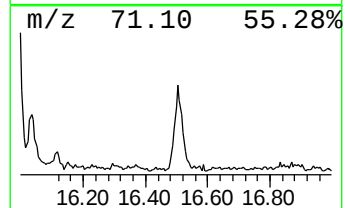
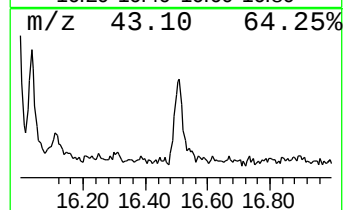
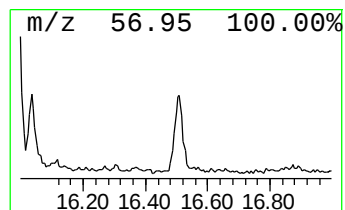
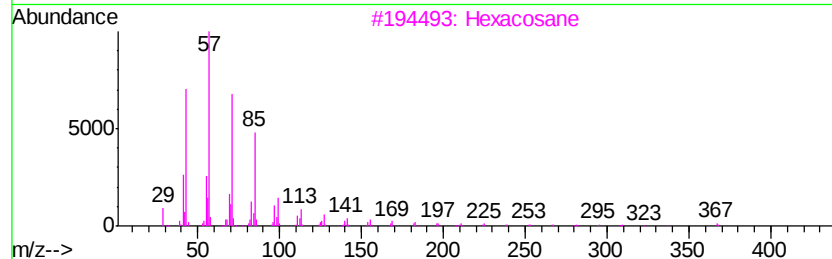
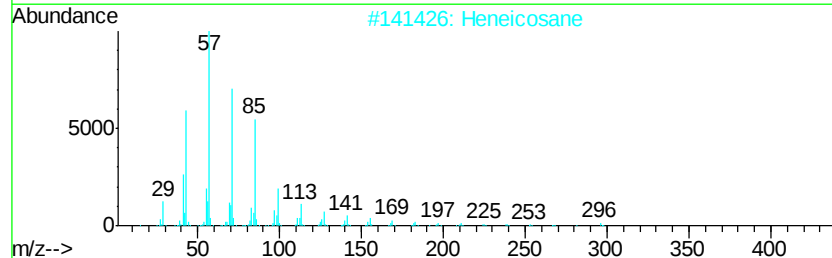
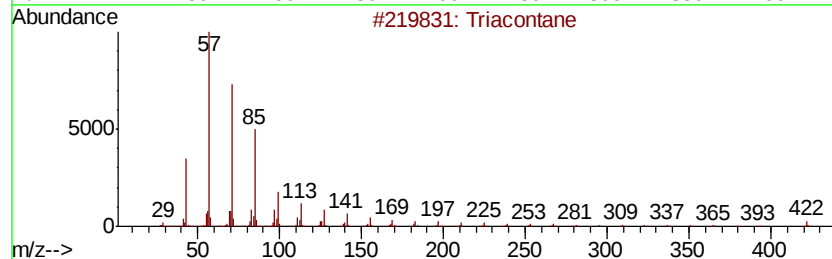
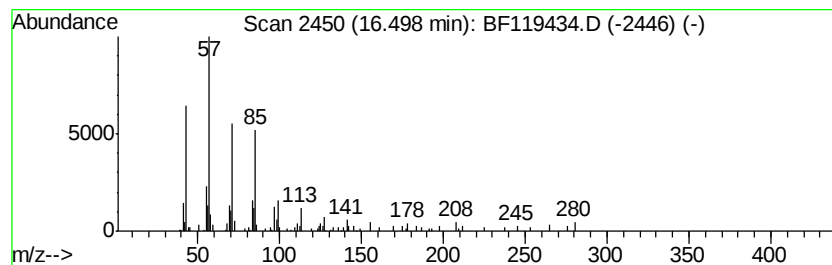
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.17 ng	192045	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	87
2			Heneicosane	296	C21H44	000629-94-7	87
3			Hexacosane	366	C26H54	000630-01-3	81
4			Heptacosane	380	C27H56	000593-49-7	81
5			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119434.D
 Acq On : 19 Mar 2020 00:20
 Operator : CG/JU
 Sample : L1943-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Butane, 2-methoxy...	2.16	4.0	ng	419025	1	6.85	2109570	20.0
n-Hexadecanoic acid	11.92	4.4	ng	596782	4	11.39	2722230	20.0
Heptadecyl triflu...	13.87	11.6	ng	1163440	5	14.02	2002920	20.0
Heptadecane	14.50	3.8	ng	379180	5	14.02	2002920	20.0
Heptacosane	14.82	3.5	ng	314750	6	15.50	1773770	20.0
Pentacosane	15.16	5.1	ng	452959	6	15.50	1773770	20.0
Octacosane	15.99	3.4	ng	304080	6	15.50	1773770	20.0
n-Tetracosanol-1	16.03	3.0	ng	266311	6	15.50	1773770	20.0
Triacontane	16.50	2.2	ng	192045	6	15.50	1773770	20.0