

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114154.D
 Acq On : 11 May 2019 14:02
 Operator : JU/SJ
 Sample : K2763-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0002-01

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-BF051019.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	2.134	3	8	27	rVB	1693554	2434723	29.61%	2.966%
2	5.481	572	577	581	rBV	7199000	7497269	91.18%	9.133%
3	6.492	743	749	752	rBV	7700833	8222710	100.00%	10.016%
4	6.628	767	772	775	rBV	8124871	7873622	95.75%	9.591%
5	6.851	806	810	813	rBV	2128097	1758475	21.39%	2.142%
6	7.010	832	837	840	rBV	6624616	5868275	71.37%	7.148%
7	7.410	900	905	908	rBV	5327530	5264509	64.02%	6.413%
8	7.451	908	912	916	rVB	337628	292028	3.55%	0.356%
9	8.128	1023	1027	1031	rBV	2565081	2251907	27.39%	2.743%
10	9.204	1205	1210	1213	rBV	8250096	7167336	87.17%	8.731%
11	9.592	1273	1276	1280	rBV	1566509	1229944	14.96%	1.498%
12	9.798	1303	1311	1321	rBV	166665	193137	2.35%	0.235%
13	9.881	1321	1325	1329	rBV	2753090	2500849	30.41%	3.046%
14	10.669	1455	1459	1463	rBV	4861921	4903812	59.64%	5.973%
15	11.369	1574	1578	1581	rBV	2840949	2634643	32.04%	3.209%
16	11.892	1659	1667	1679	rBV	1152679	1378245	16.76%	1.679%
17	12.574	1780	1783	1786	rBV	115996	135320	1.65%	0.165%
18	12.680	1796	1801	1814	rBV	1207749	1498350	18.22%	1.825%
19	12.951	1842	1847	1850	rBV	6901188	6339637	77.10%	7.723%
20	13.174	1883	1885	1889	rVB3	93041	91304	1.11%	0.111%
21	13.792	1985	1990	1995	rBV3	131728	179823	2.19%	0.219%
22	13.839	1995	1998	2012	rVB	1025397	1334252	16.23%	1.625%
23	14.004	2022	2026	2029	rBV	2160102	1904421	23.16%	2.320%
24	14.168	2050	2054	2057	rBV	212098	209506	2.55%	0.255%
25	14.474	2102	2106	2114	rBV2	436754	555451	6.76%	0.677%
26	14.780	2152	2158	2162	rBV	723208	832095	10.12%	1.014%
27	14.857	2168	2171	2175	rVV	185600	187362	2.28%	0.228%
28	14.927	2179	2183	2187	rBV	250773	243735	2.96%	0.297%
29	15.121	2211	2216	2219	rBV	1005611	1243667	15.12%	1.515%
30	15.474	2271	2276	2278	rBV	1482687	2017799	24.54%	2.458%
31	15.498	2278	2280	2289	rVB	1006948	1105421	13.44%	1.347%
32	15.698	2311	2314	2319	rVB3	72649	91469	1.11%	0.111%
33	15.933	2348	2354	2359	rBV	854475	1289224	15.68%	1.570%
34	15.980	2359	2362	2370	rVB3	132640	256246	3.12%	0.312%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.433	2433	2439	2454	rVB	404262	839737	10.21%	1.023%
36	17.021	2535	2539	2546	rVB2	138974	266685	3.24%	0.325%

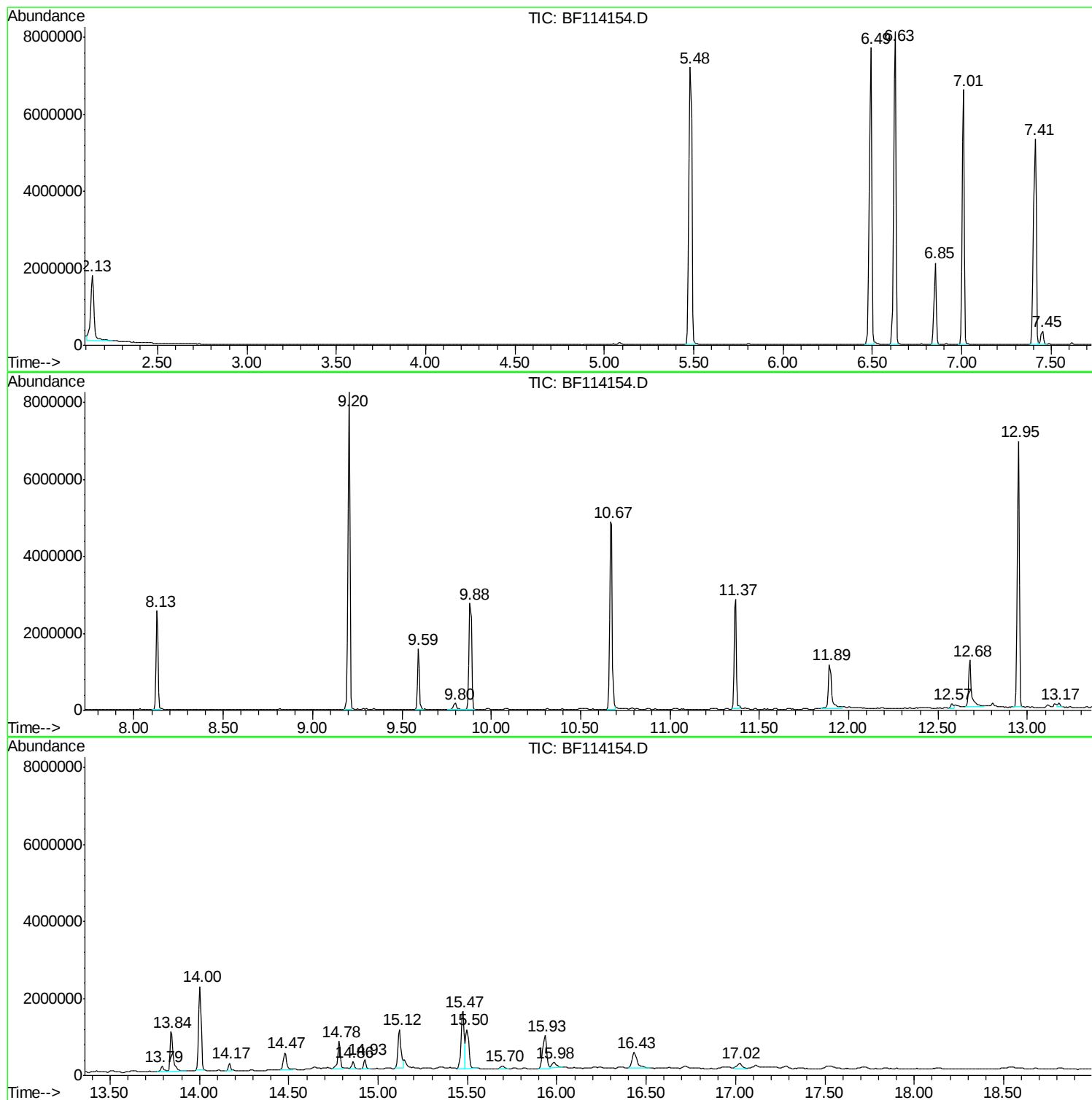
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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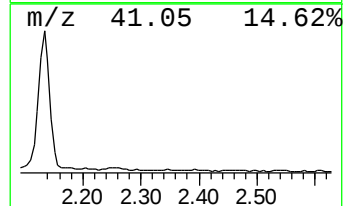
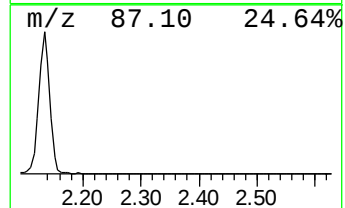
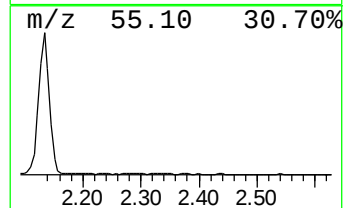
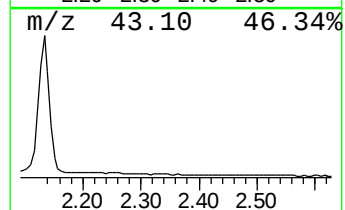
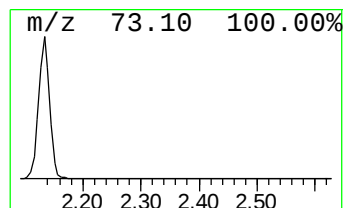
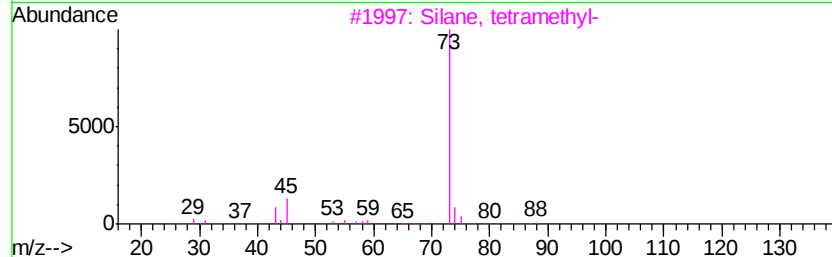
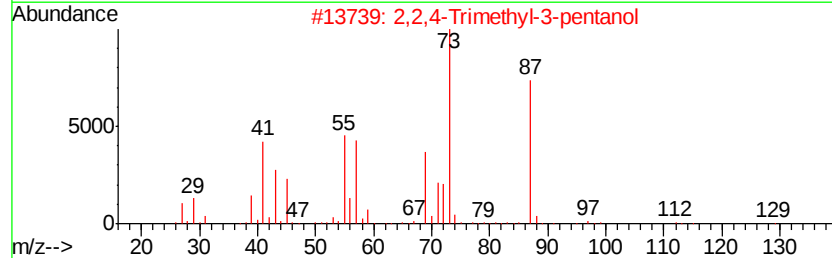
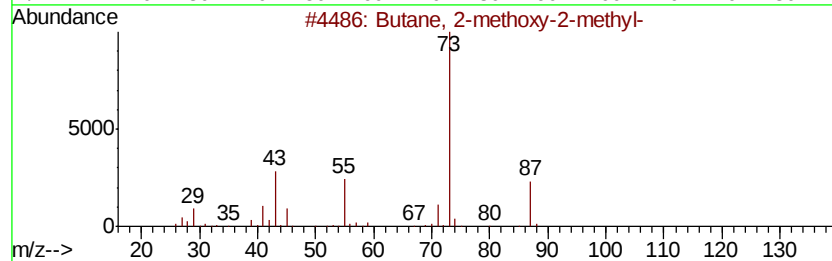
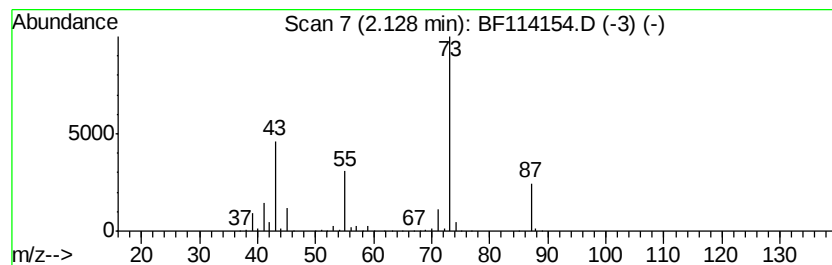
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	27.69 ng	2434720	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, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37



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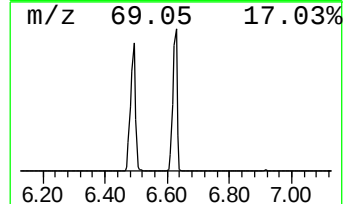
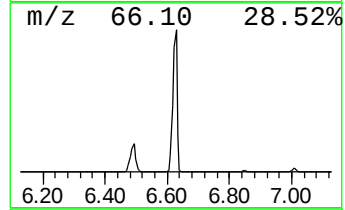
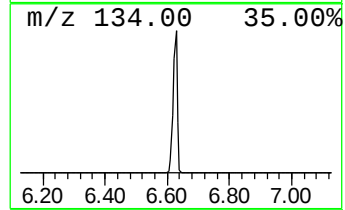
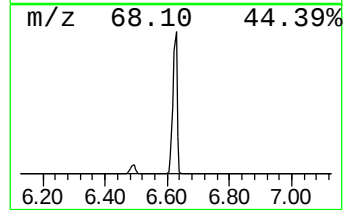
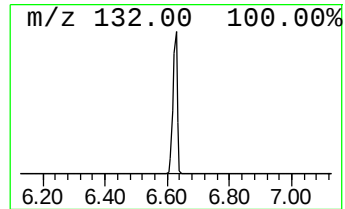
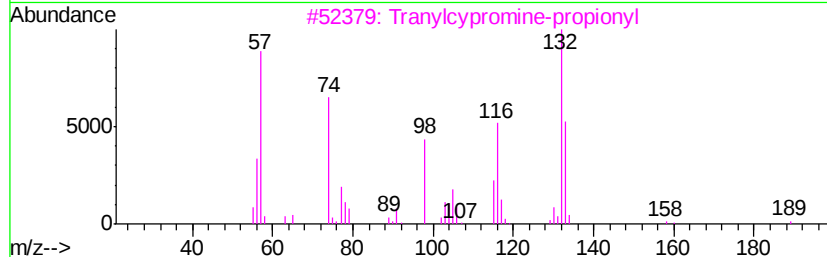
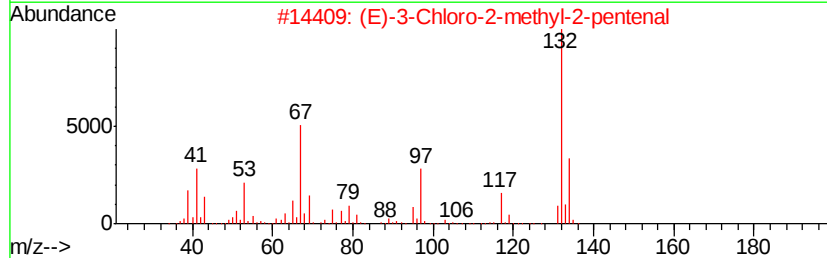
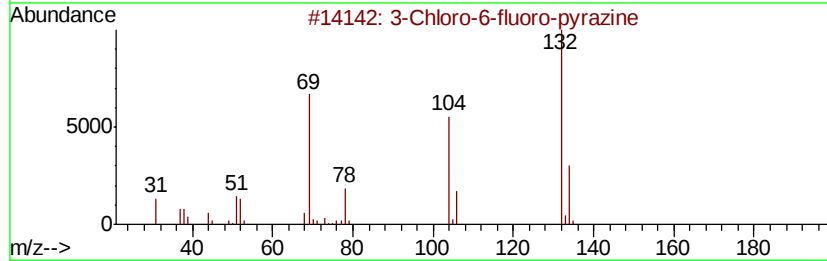
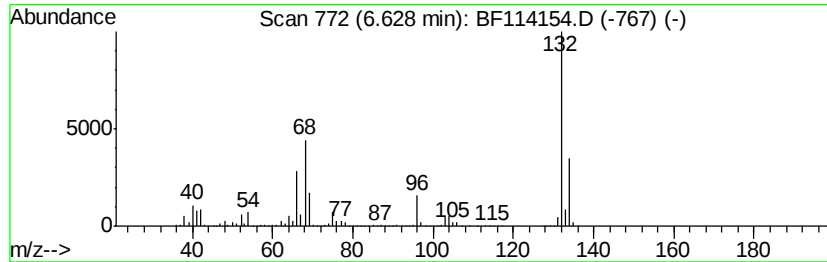
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	89.55 ng	7873620	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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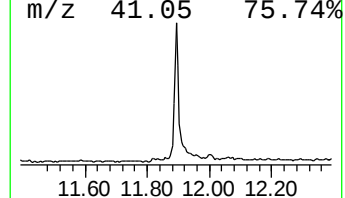
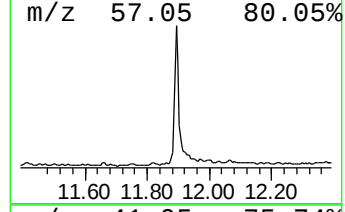
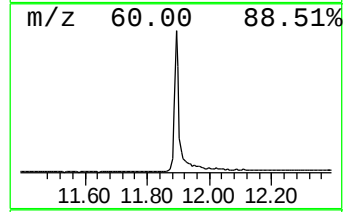
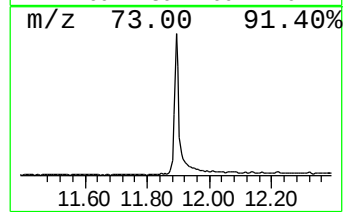
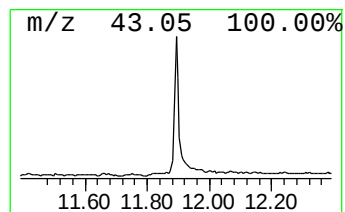
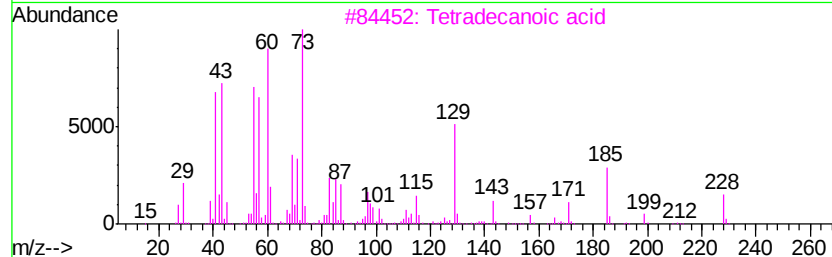
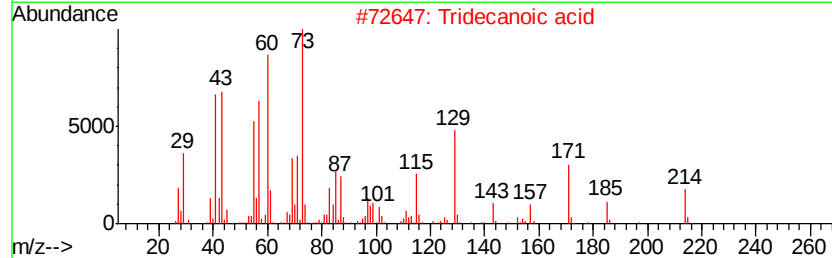
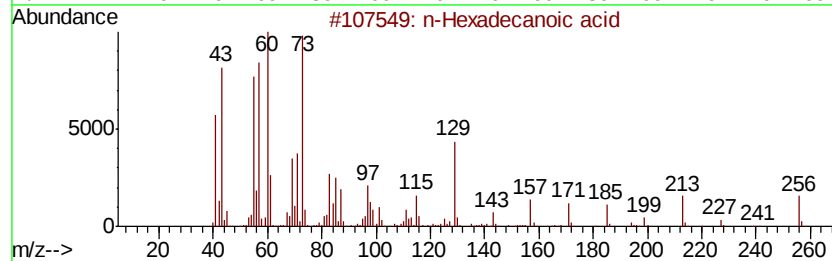
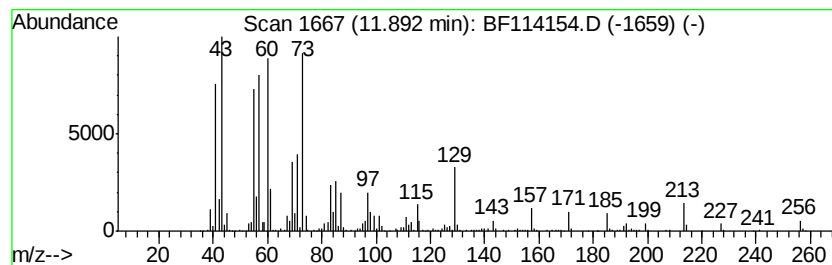
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	10.46 ng	1378250	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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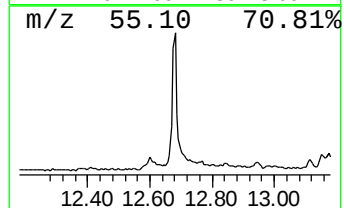
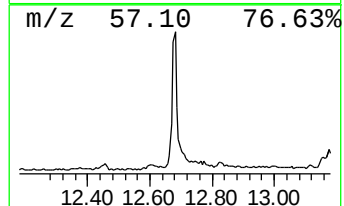
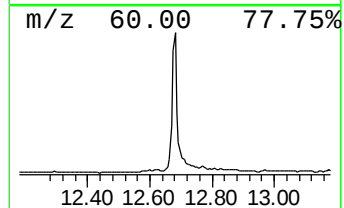
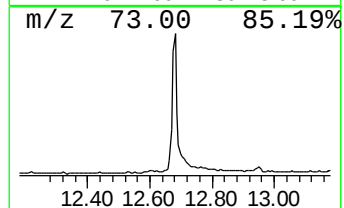
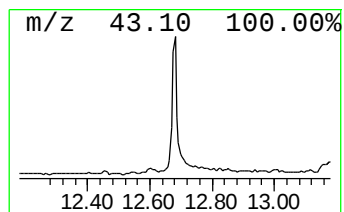
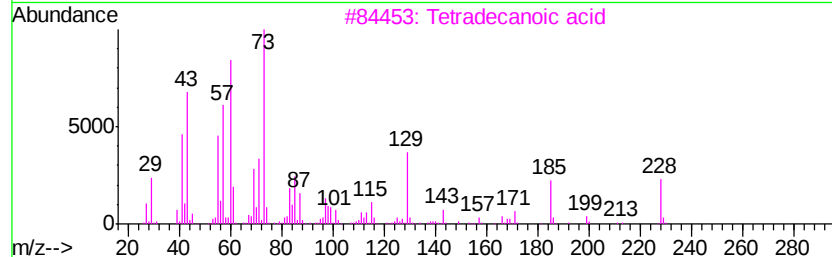
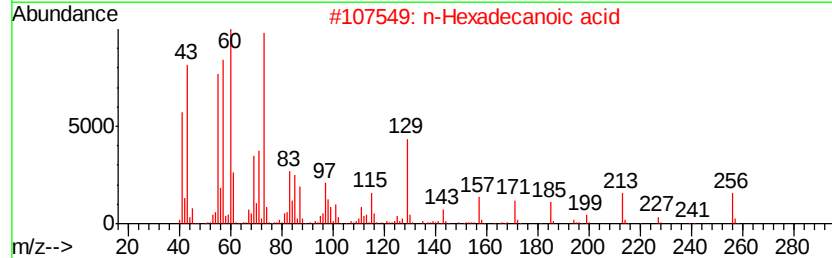
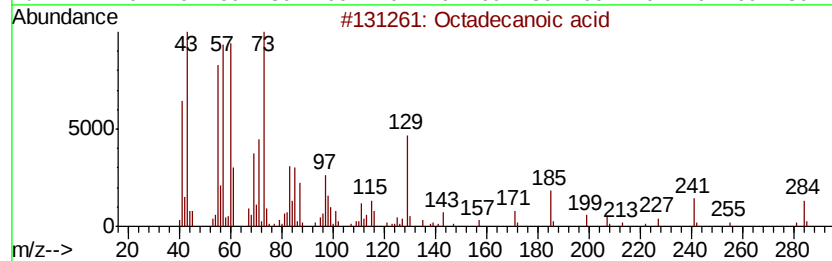
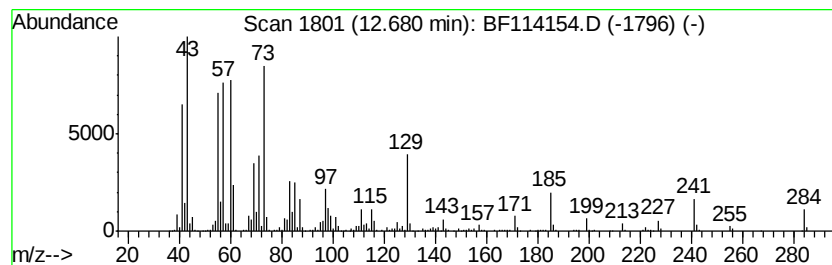
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	11.37 ng	1498350	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



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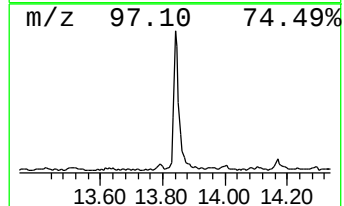
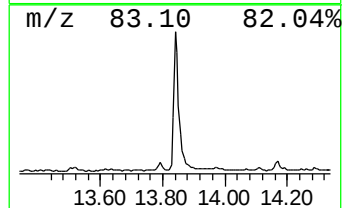
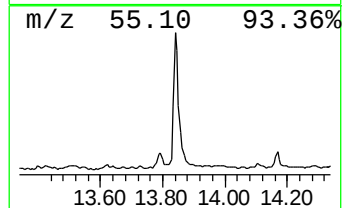
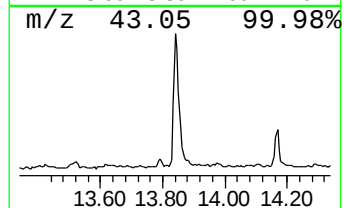
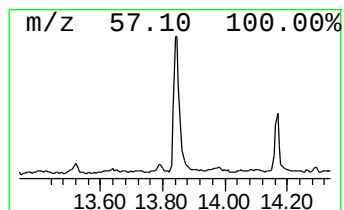
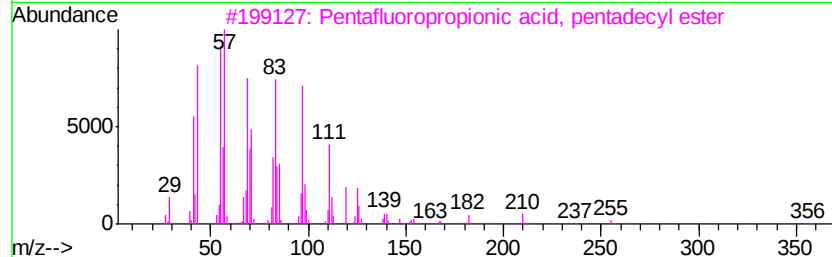
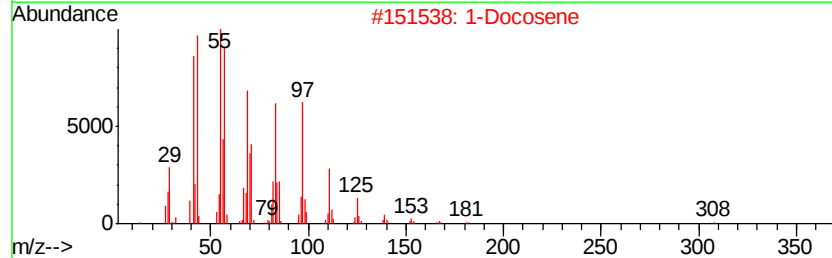
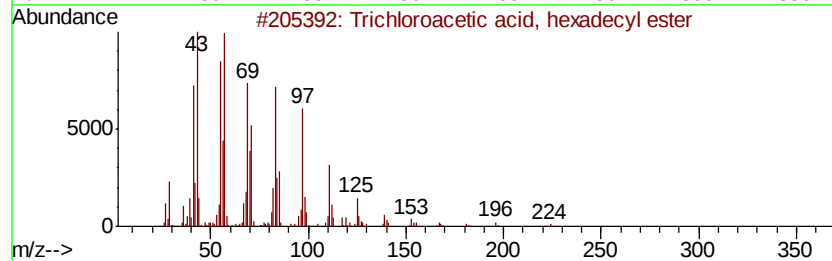
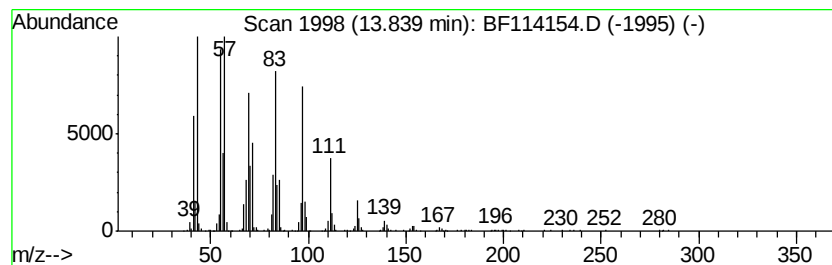
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	14.01 ng	1334250	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114154.D
Acq On : 11 May 2019 14:02
Operator : JU/SJ
Sample : K2763-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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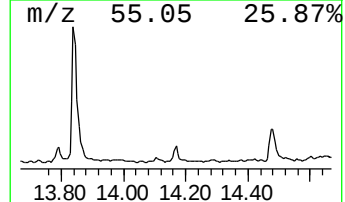
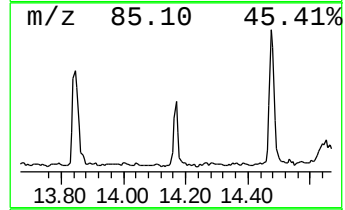
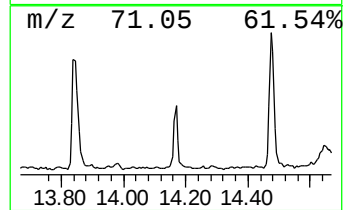
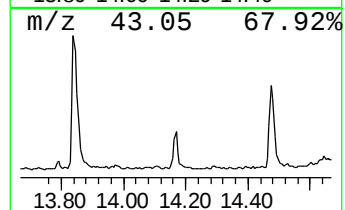
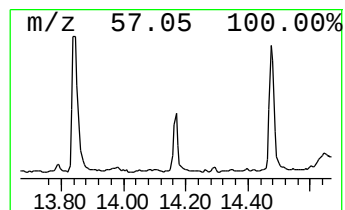
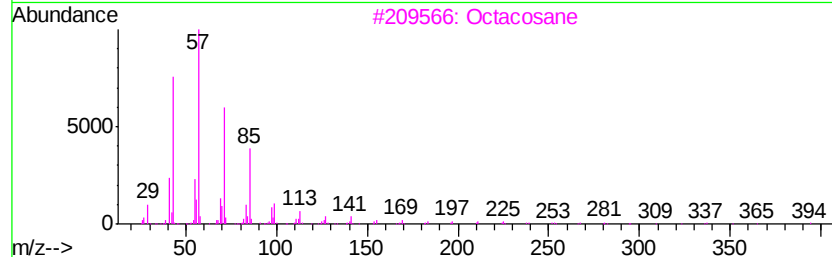
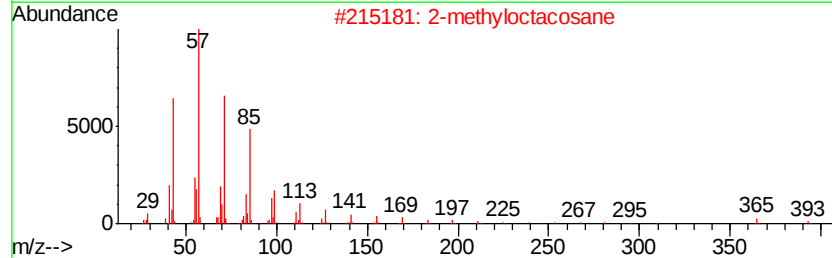
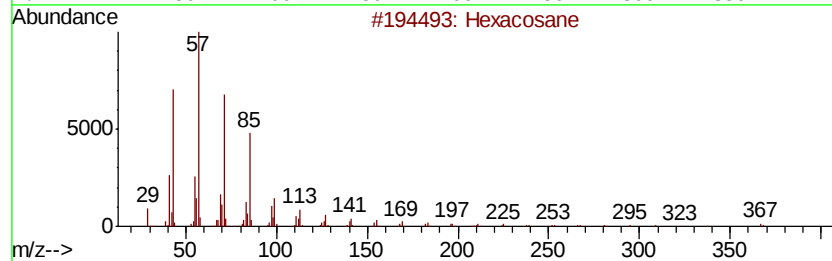
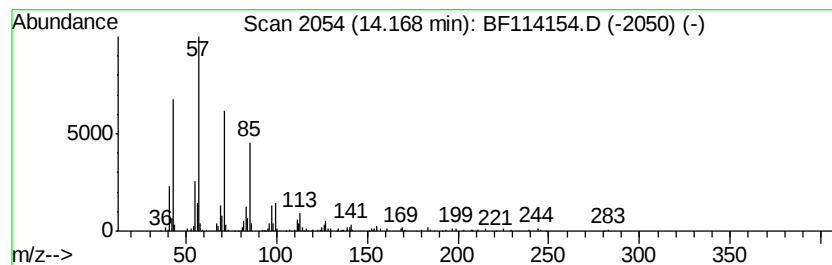
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.20 ng	209506	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114154.D
Acq On : 11 May 2019 14:02
Operator : JU/SJ
Sample : K2763-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

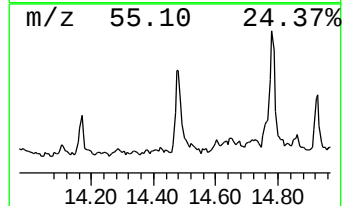
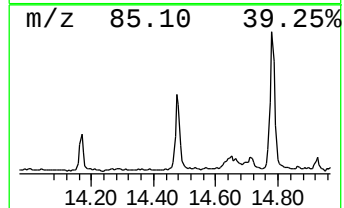
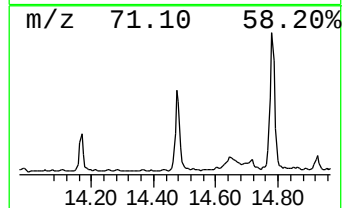
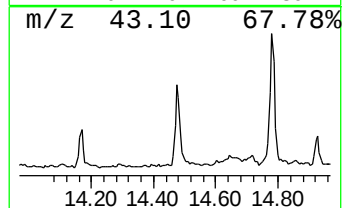
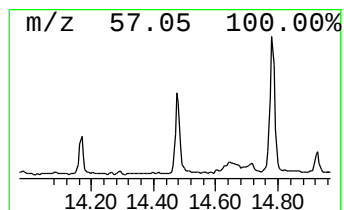
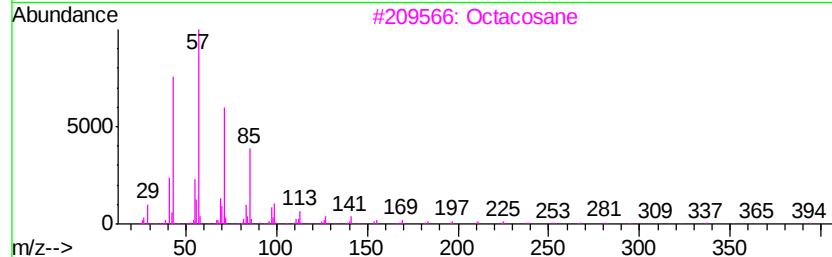
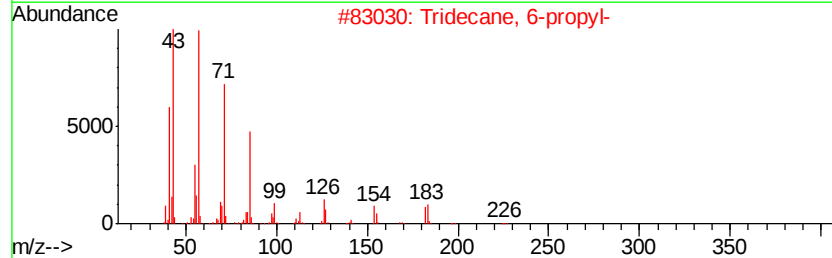
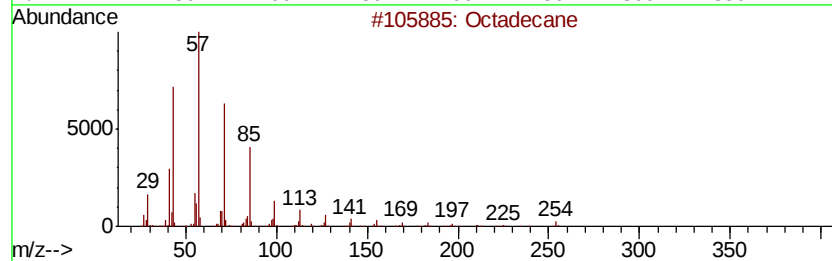
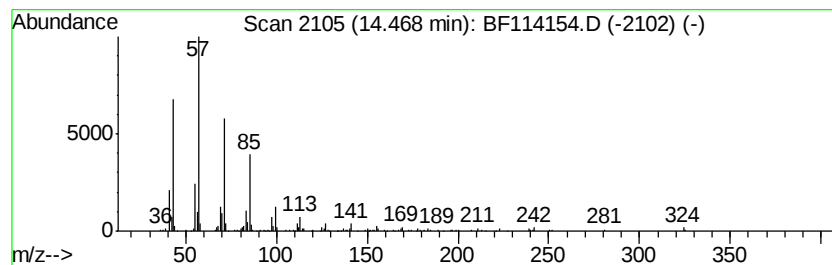
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.83 ng	555451	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	96
2	Tridecane, 6-propyl-	226 C16H34	055045-10-8	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Heptacosane	380 C27H56	000593-49-7	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114154.D
Acq On : 11 May 2019 14:02
Operator : JU/SJ
Sample : K2763-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

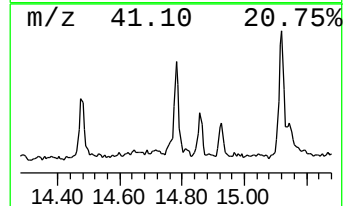
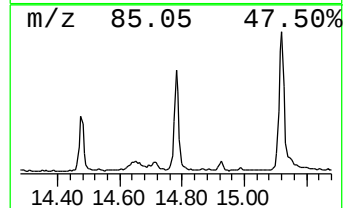
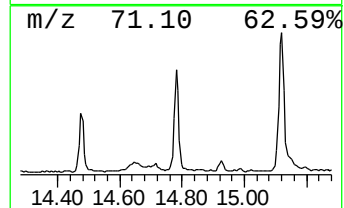
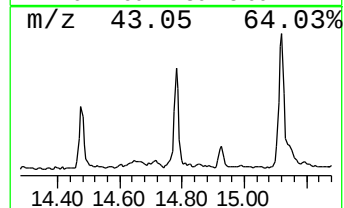
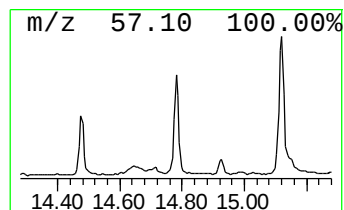
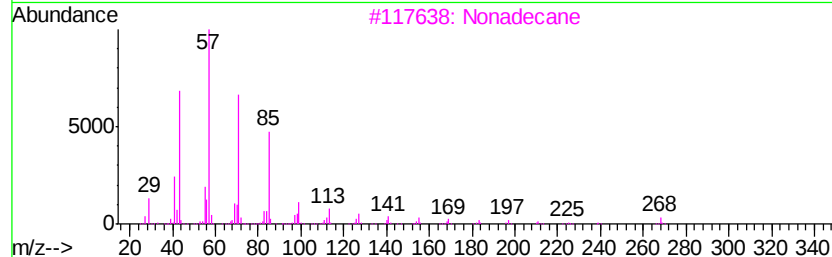
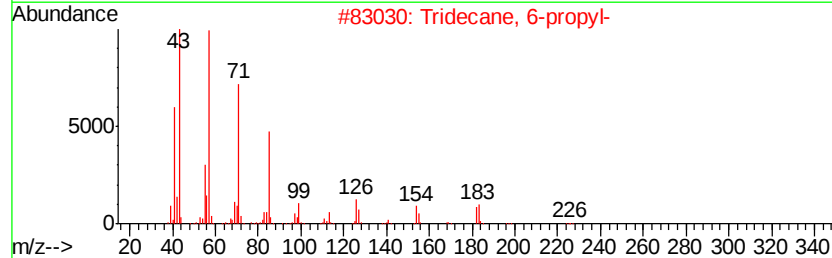
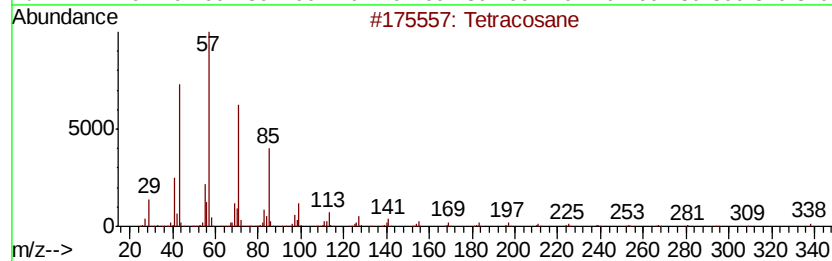
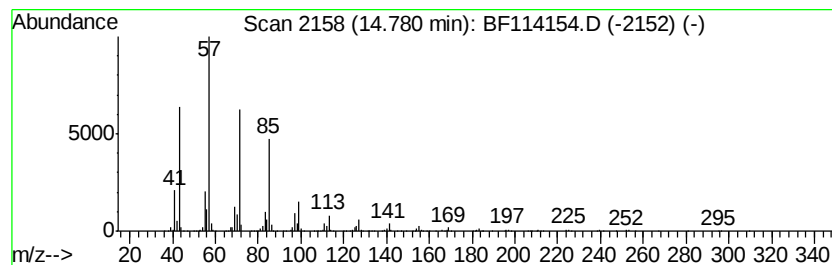
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	8.25 ng	832095	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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Acq On : 11 May 2019 14:02
Operator : JU/SJ
Sample : K2763-03
Misc :
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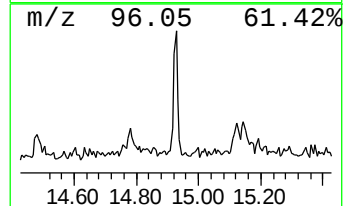
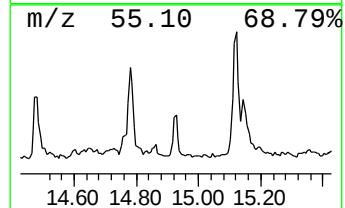
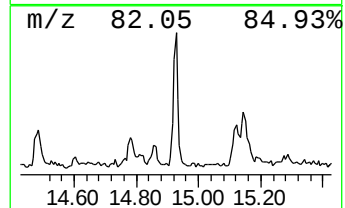
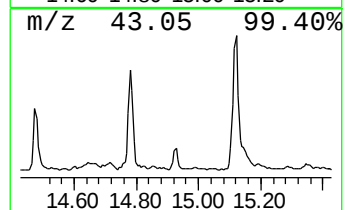
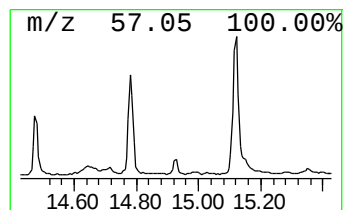
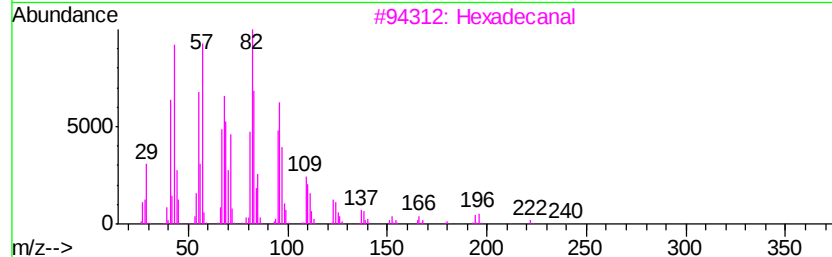
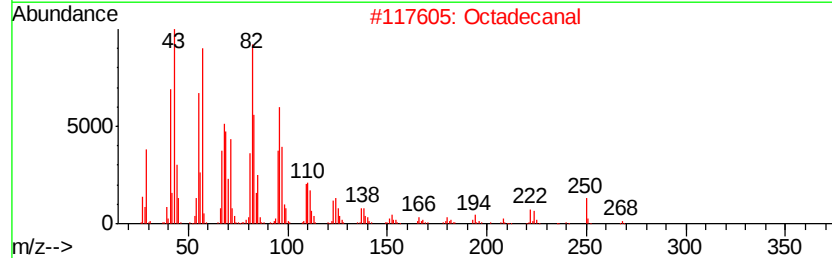
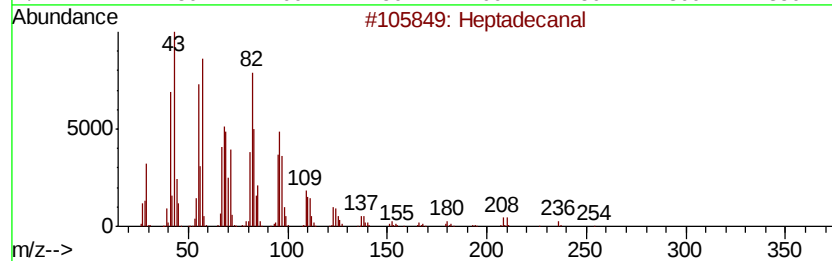
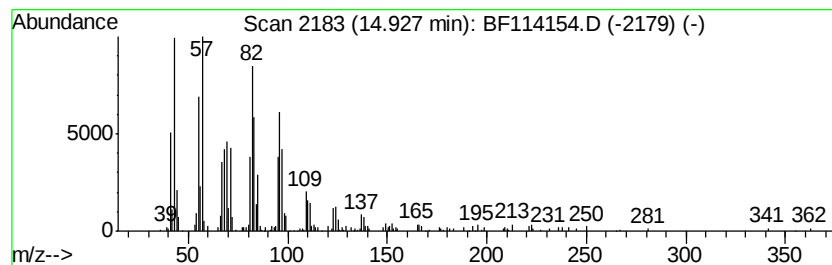
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.93	2.42 ng	243735	Perylene-d12		15.47		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecanal	254	C17H34O	1000376-70-0	91
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Hexadecanal	240	C16H32O	000629-80-1	90
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5			1,19-Eicosadiene	278	C20H38	014811-95-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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Acq On : 11 May 2019 14:02
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Instrument :
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ClientSampleId :
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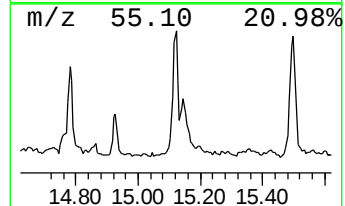
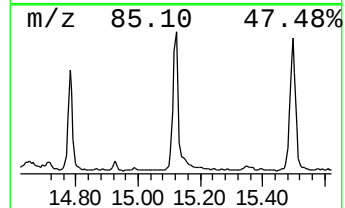
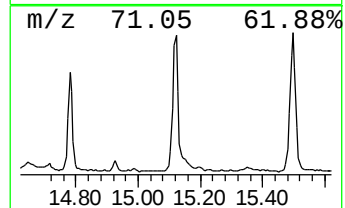
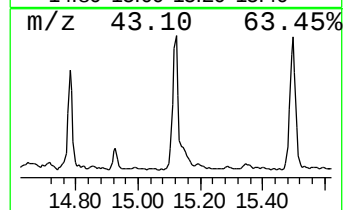
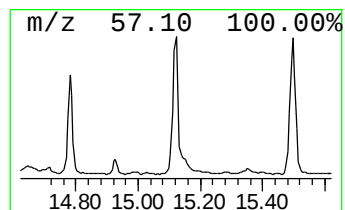
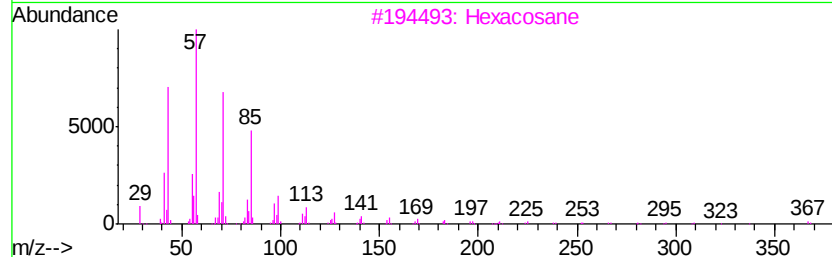
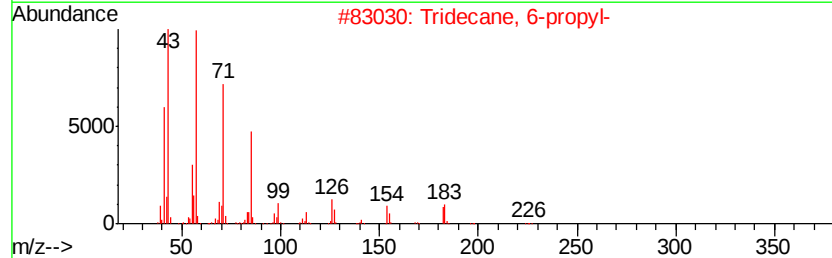
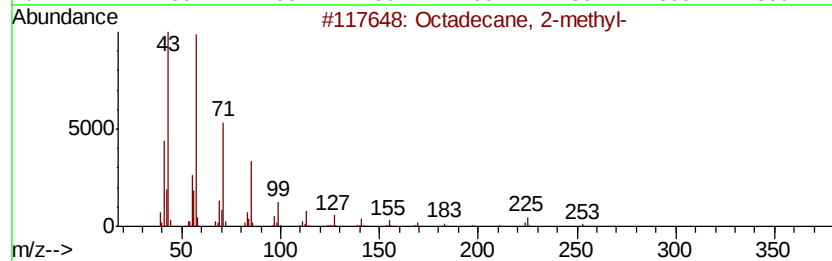
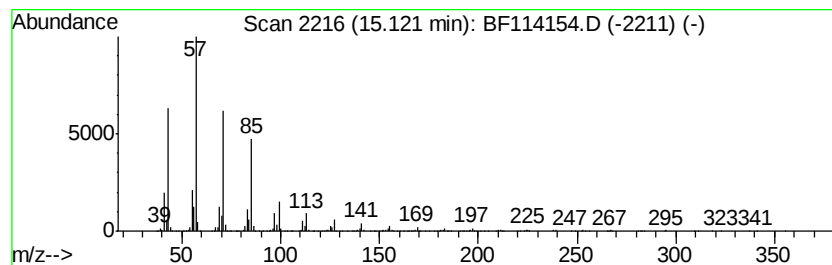
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	12.33 ng	1243670	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane	254	C18H38	000593-45-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114154.D
Acq On : 11 May 2019 14:02
Operator : JU/SJ
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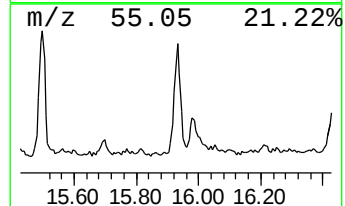
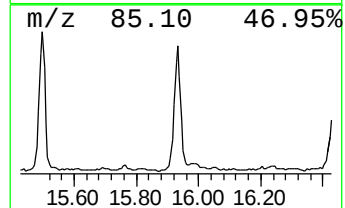
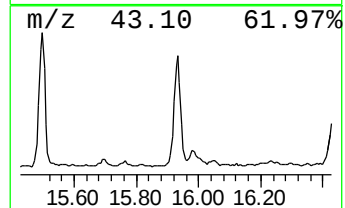
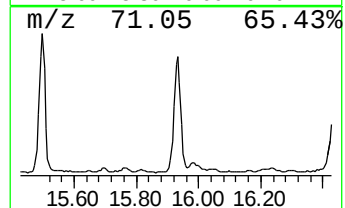
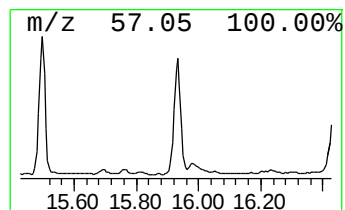
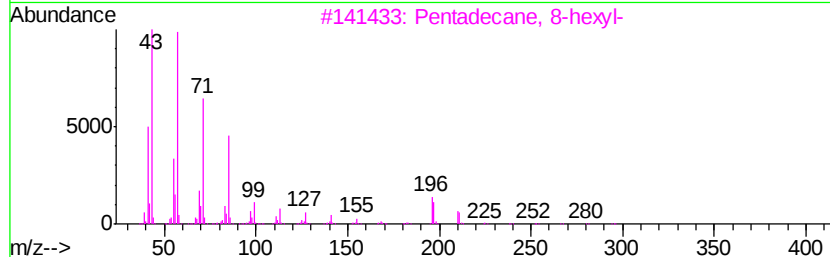
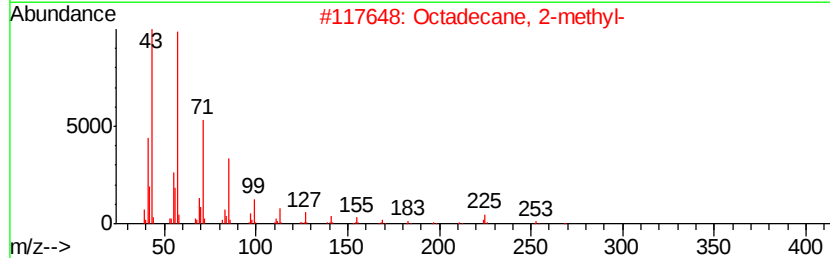
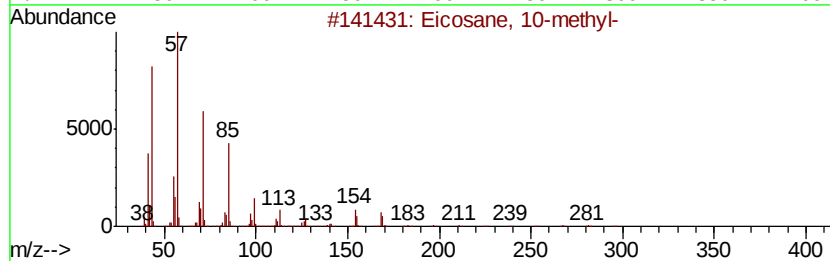
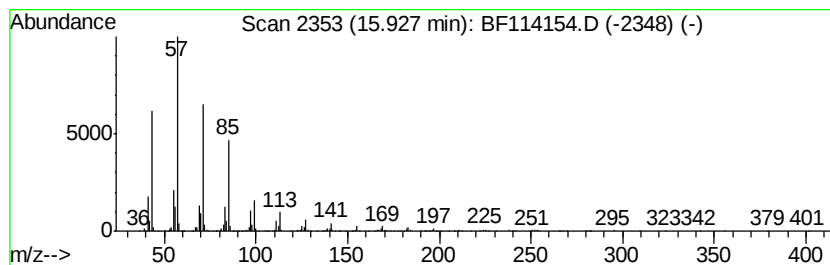
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	12.78 ng	1289220	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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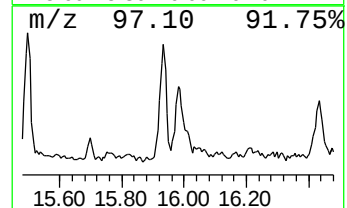
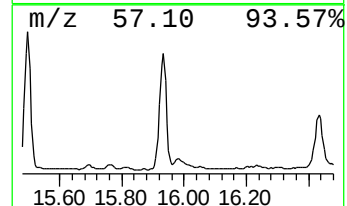
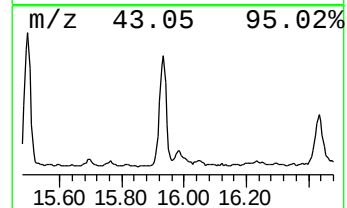
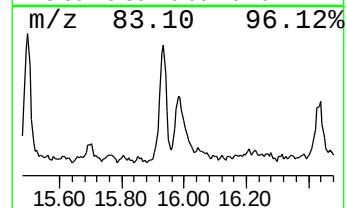
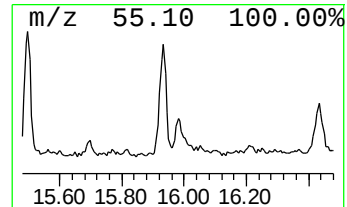
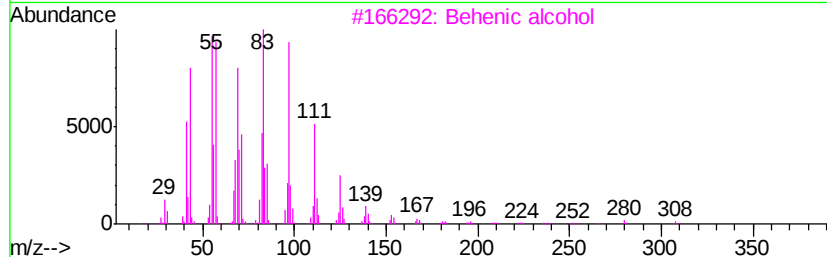
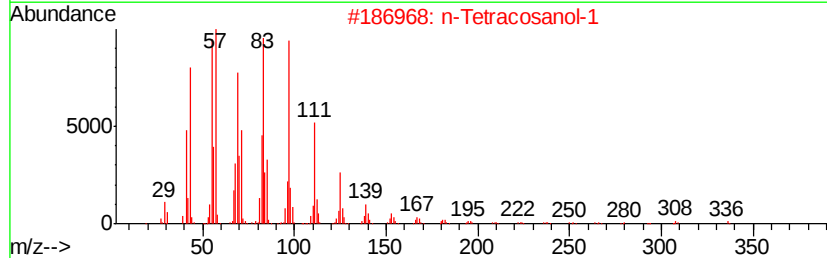
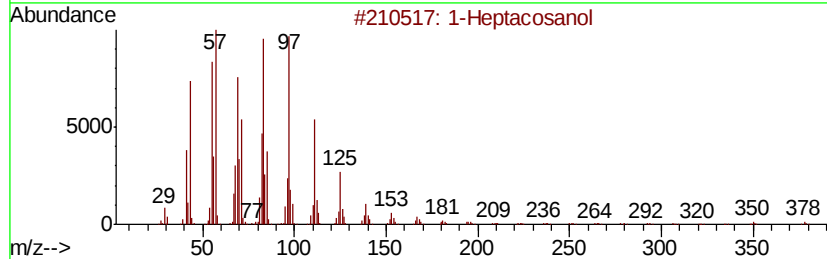
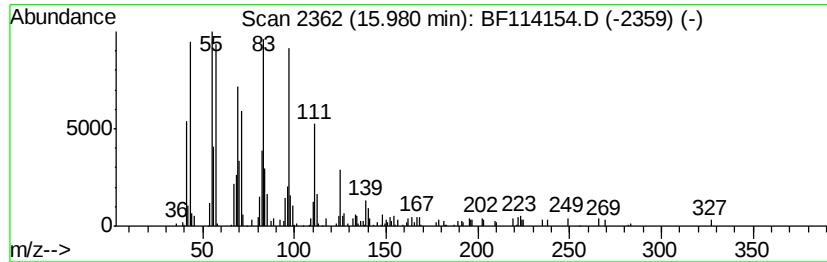
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.98	2.54 ng	256246	Perylene-d12	15.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114154.D
Acq On : 11 May 2019 14:02
Operator : JU/SJ
Sample : K2763-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS005-0002-01

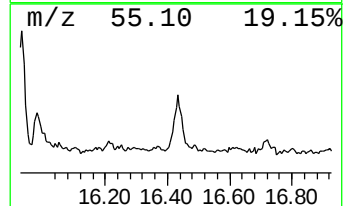
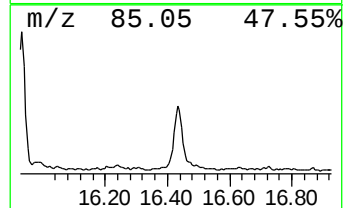
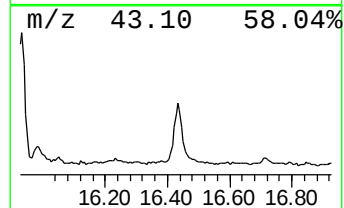
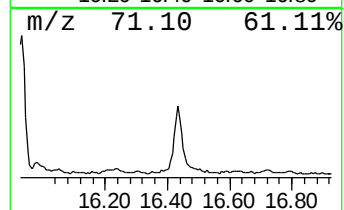
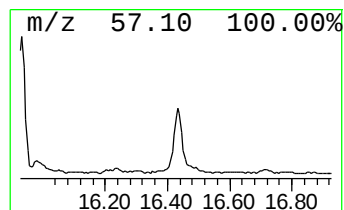
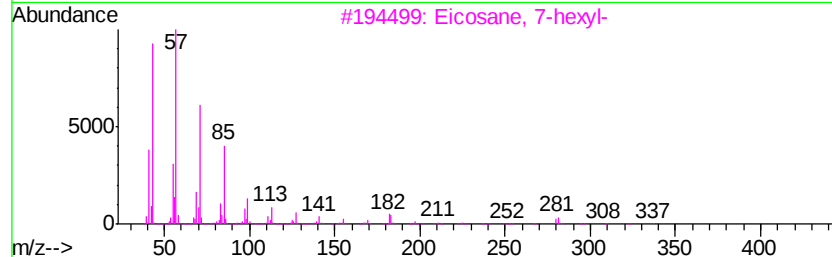
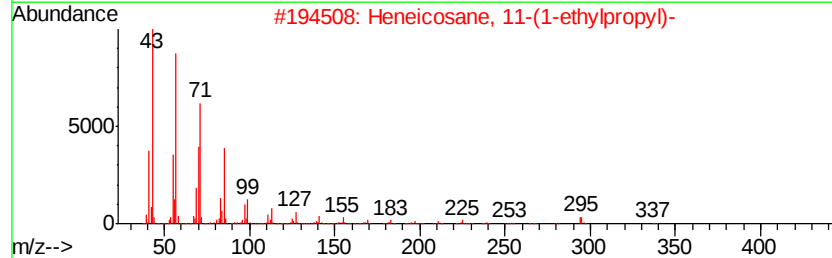
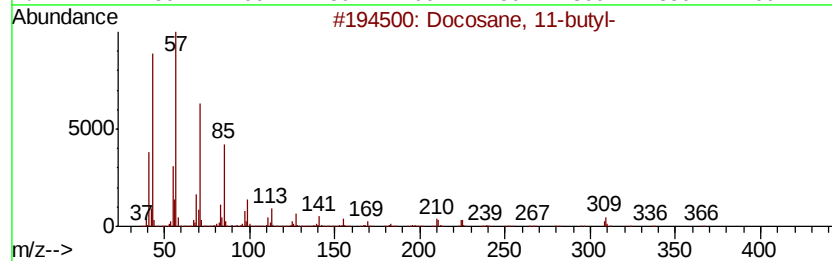
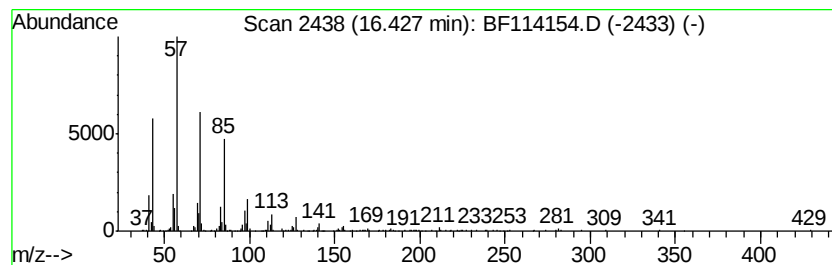
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Docosane, 11-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	8.32 ng	839737	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114154.D
 Acq On : 11 May 2019 14:02
 Operator : JU/SJ
 Sample : K2763-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS005-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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...	2.13	27.7	ng	2434720	1	6.85	1758480	20.0
unknown6.63	6.63	89.5	ng	7873620	1	6.85	1758480	20.0
n-Hexadecanoic acid	11.89	10.5	ng	1378250	4	11.37	2634640	20.0
Octadecanoic acid	12.68	11.4	ng	1498350	4	11.37	2634640	20.0
Trichloroacetic a...	13.84	14.0	ng	1334250	5	14.00	1904420	20.0
Hexacosane	14.17	2.2	ng	209506	5	14.00	1904420	20.0
Octadecane	14.47	5.8	ng	555451	5	14.00	1904420	20.0
Tetracosane	14.78	8.3	ng	832095	6	15.47	2017800	20.0
Heptadecanal	14.93	2.4	ng	243735	6	15.47	2017800	20.0
Octadecane, 2-met...	15.12	12.3	ng	1243670	6	15.47	2017800	20.0
Eicosane, 10-methyl-	15.93	12.8	ng	1289220	6	15.47	2017800	20.0
1-Heptacosanol	15.98	2.5	ng	256246	6	15.47	2017800	20.0
Docosane, 11-butyl-	16.43	8.3	ng	839737	6	15.47	2017800	20.0