

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113795.D
 Acq On : 16 Apr 2019 15:57
 Operator : JU/SJ
 Sample : K2411-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

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-BF040319.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	5.292	542	545	572	rBV	1300475	1989797	85.18%	12.087%
2	6.334	718	722	738	rBV	1466805	2039608	87.31%	12.389%
3	6.451	738	742	765	rVB	1864689	2177425	93.21%	13.226%
4	6.828	802	806	821	rBV	1869327	1704557	72.97%	10.354%
5	7.239	873	876	904	rBV	1006959	1289481	55.20%	7.833%
6	9.028	1176	1180	1194	rBV	2403057	2336020	100.00%	14.190%
7	9.433	1246	1249	1262	rBV	145363	179544	7.69%	1.091%
8	10.498	1426	1430	1447	rBV	782863	1043203	44.66%	6.337%
9	11.727	1636	1639	1651	rBV2	93779	168660	7.22%	1.024%
10	12.404	1751	1754	1759	rBV	86127	88576	3.79%	0.538%
11	12.516	1769	1773	1778	rBV6	16603	31465	1.35%	0.191%
12	12.633	1788	1793	1797	rBV	80942	98132	4.20%	0.596%
13	12.763	1811	1815	1824	rBV	1829971	1845109	78.99%	11.208%
14	13.663	1965	1968	1972	rVB2	26607	26115	1.12%	0.159%
15	13.821	1992	1995	1997	rBV	70122	70995	3.04%	0.431%
16	13.857	1998	2001	2008	rVB2	65861	99736	4.27%	0.606%
17	13.980	2019	2022	2024	rBV	43069	34616	1.48%	0.210%
18	14.286	2070	2074	2078	rVB	75358	80087	3.43%	0.486%
19	14.574	2120	2123	2127	rVV	117368	113873	4.87%	0.692%
20	14.645	2131	2135	2138	rVB	45713	44553	1.91%	0.271%
21	14.851	2166	2170	2172	rBV	80419	107282	4.59%	0.652%
22	14.886	2172	2176	2184	rVB	156276	205543	8.80%	1.249%
23	14.951	2184	2187	2192	rBV2	22505	31712	1.36%	0.193%
24	15.127	2214	2217	2223	rVB	43569	52007	2.23%	0.316%
25	15.192	2224	2228	2231	rVV	60526	78022	3.34%	0.474%
26	15.227	2231	2234	2239	rVV	127501	168090	7.20%	1.021%
27	15.280	2241	2243	2248	rVB2	19291	27848	1.19%	0.169%
28	15.621	2296	2301	2306	rBV	103184	142821	6.11%	0.868%
29	16.074	2373	2378	2390	rVB2	57401	114932	4.92%	0.698%
30	16.604	2464	2468	2469	rBV3	23873	32070	1.37%	0.195%
31	17.039	2539	2542	2551	rVB	21231	40974	1.75%	0.249%

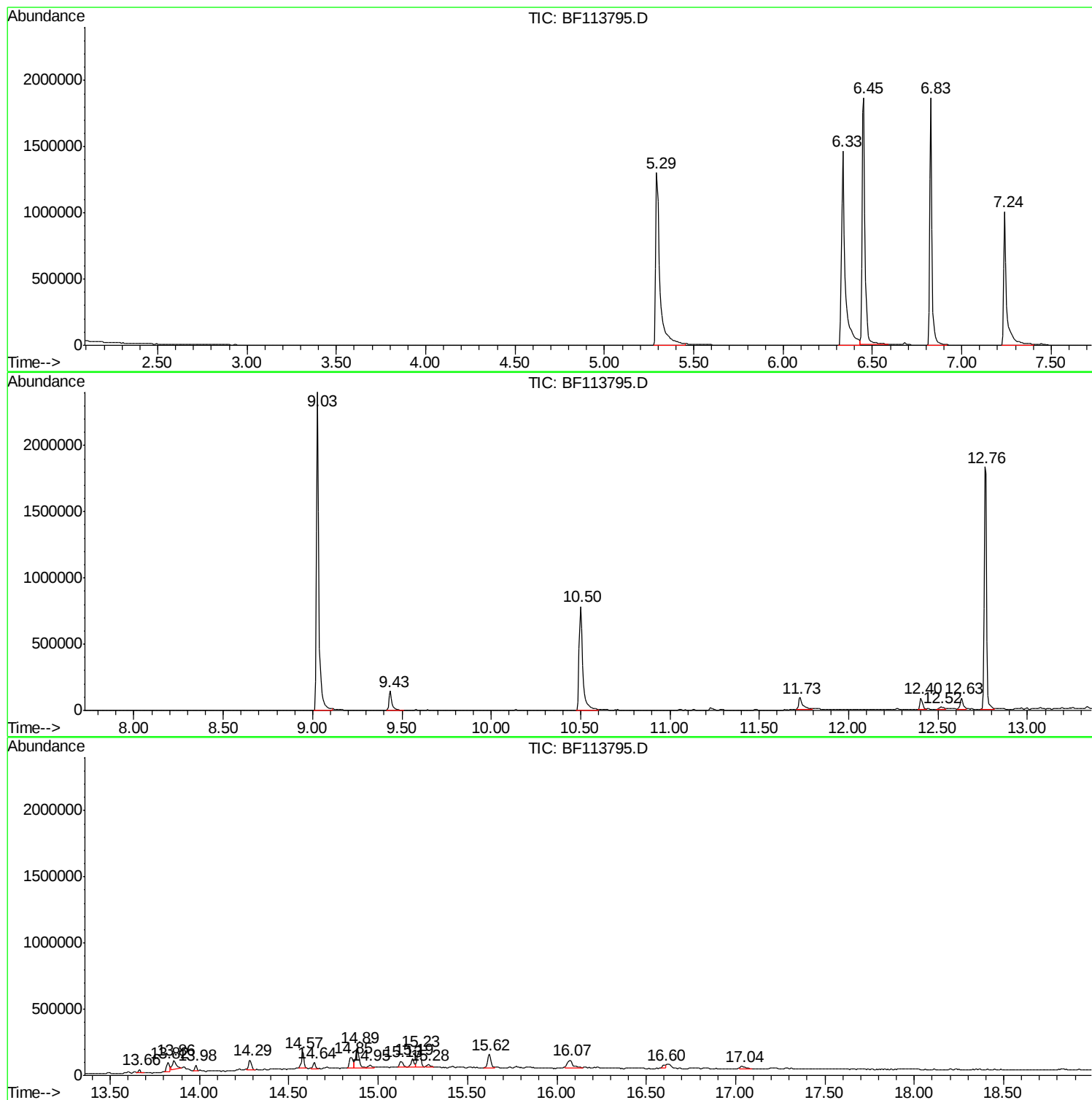
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BNA_F
ClientSampled :
TP-14-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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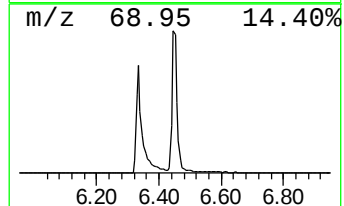
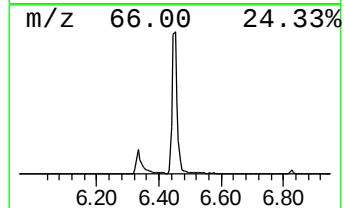
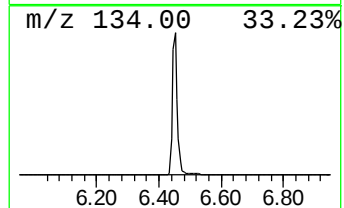
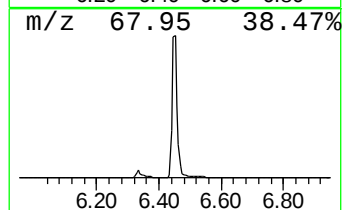
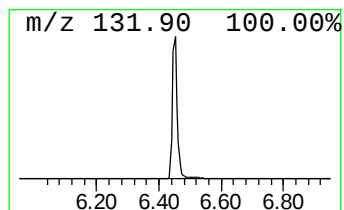
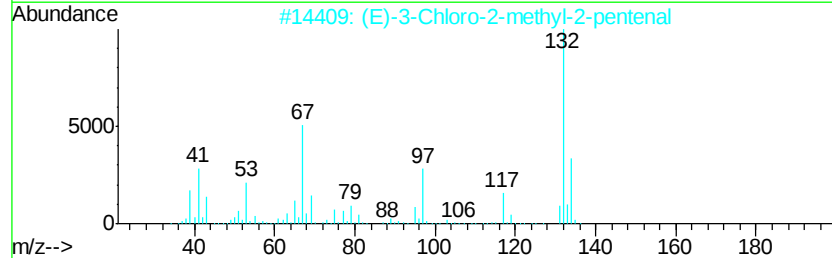
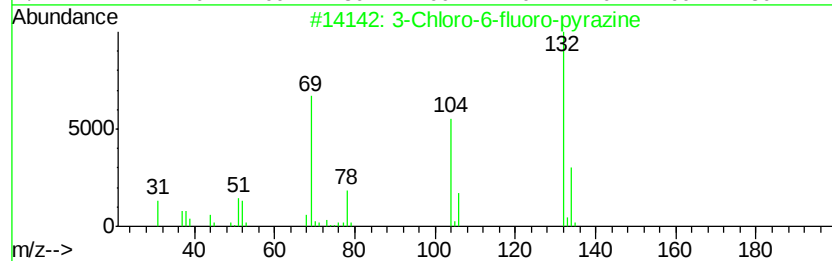
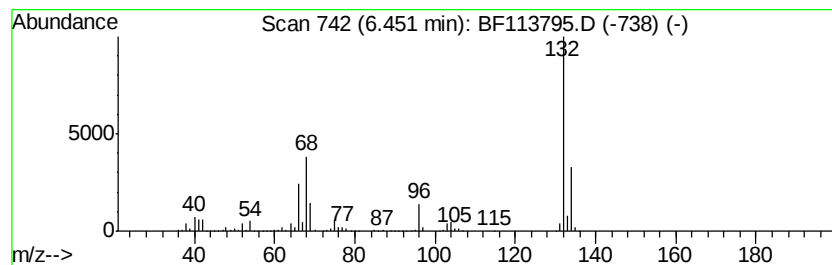
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	25.55 ng	2177430	1,4-Dichlorobenzene-d4	6.68

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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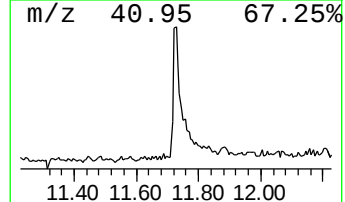
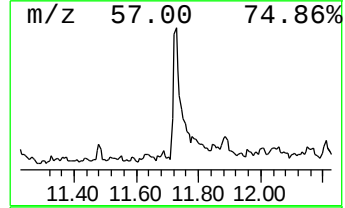
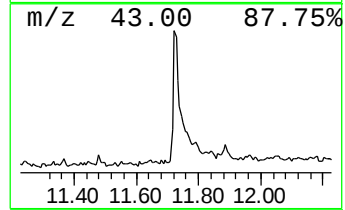
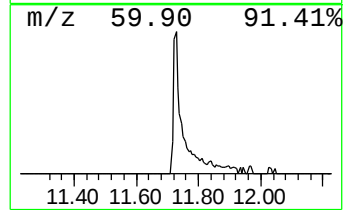
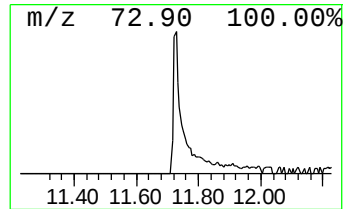
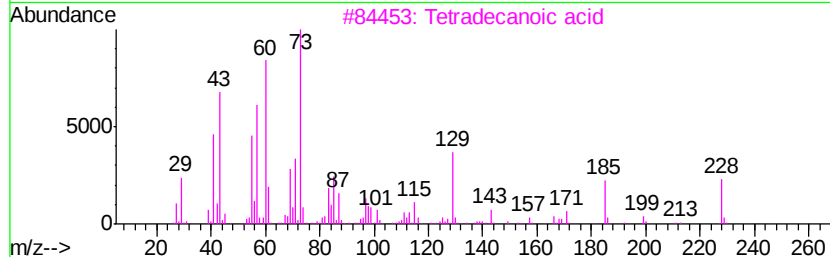
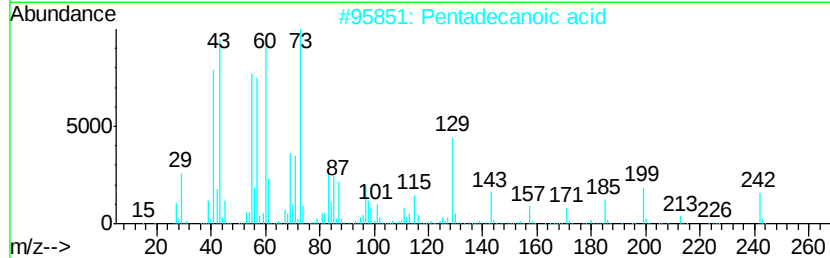
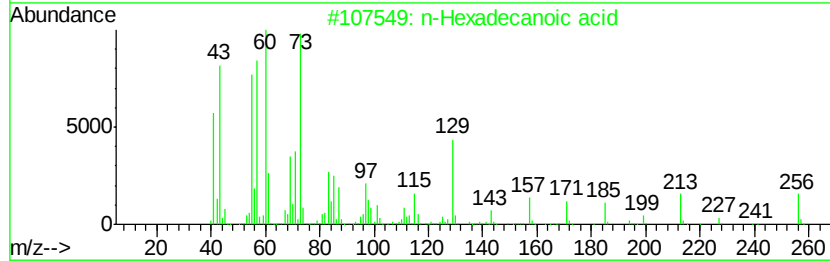
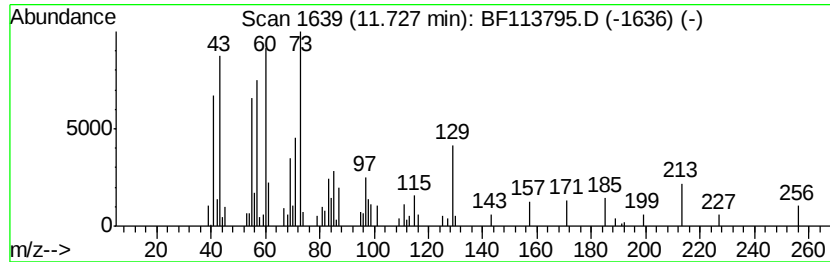
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	47.51 ng	168660	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18
5		Dodecane	170	C12H26	000112-40-3	11



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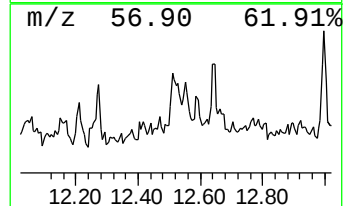
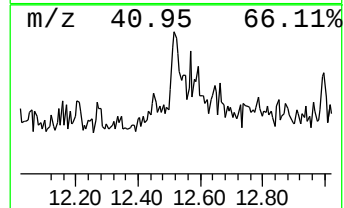
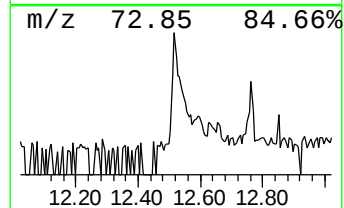
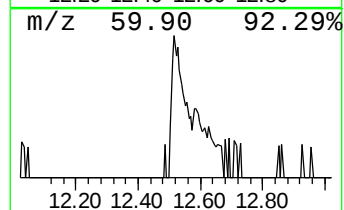
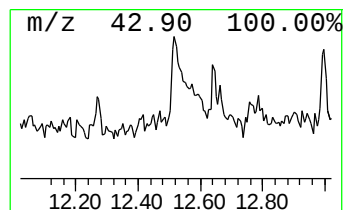
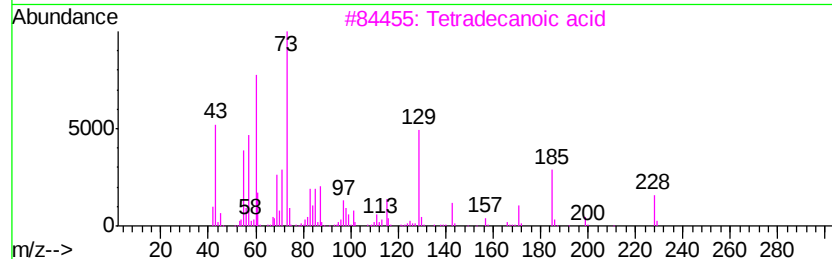
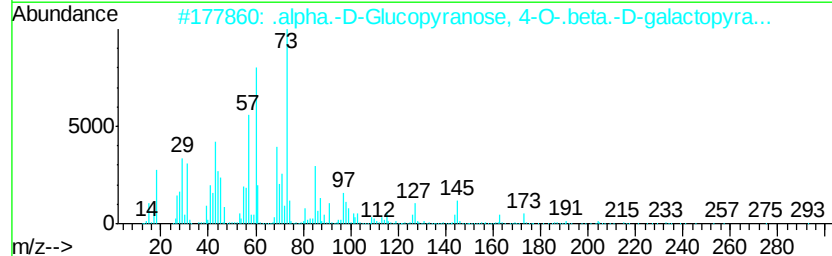
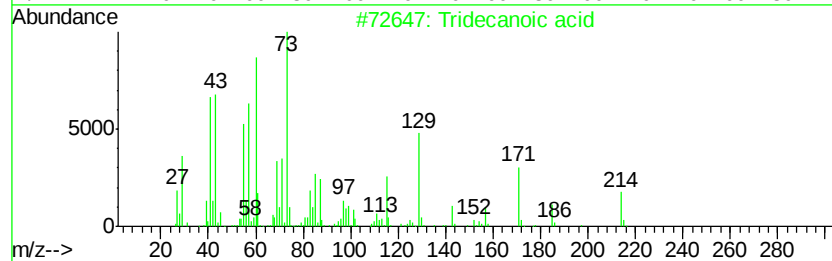
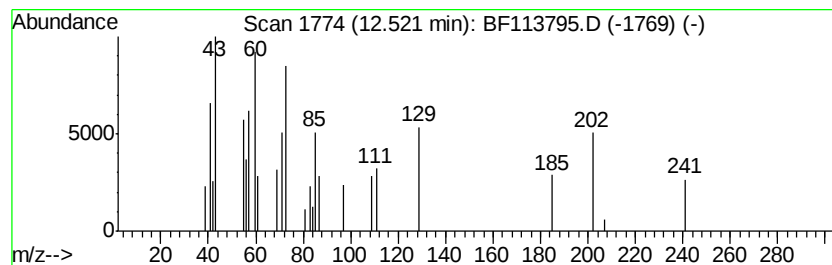
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Peak Number 5 unknown12.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.86 ng	31465	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	38
2		.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	32
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	32
4		n-Decanoic acid	172	C10H20O2	000334-48-5	27
5		Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	27



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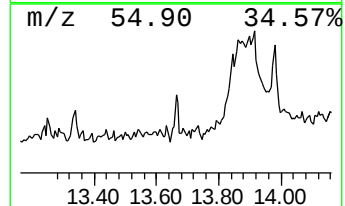
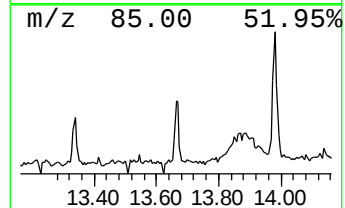
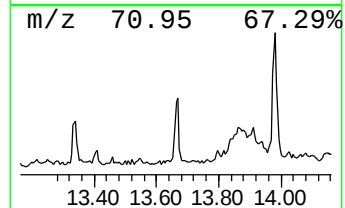
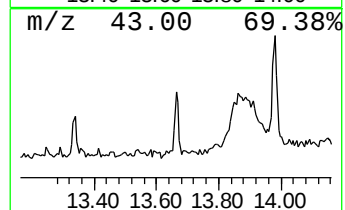
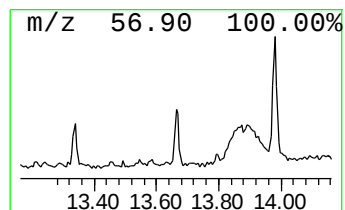
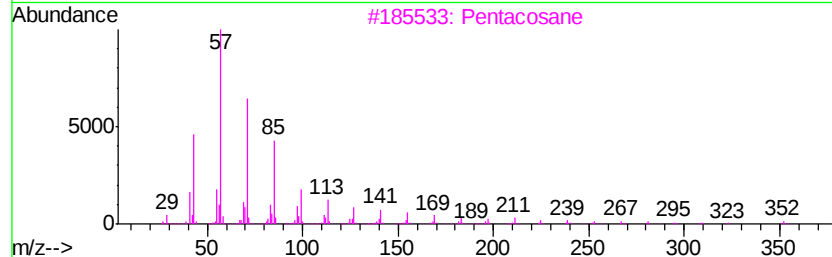
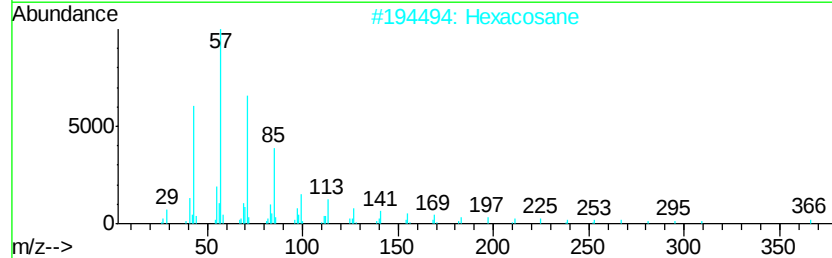
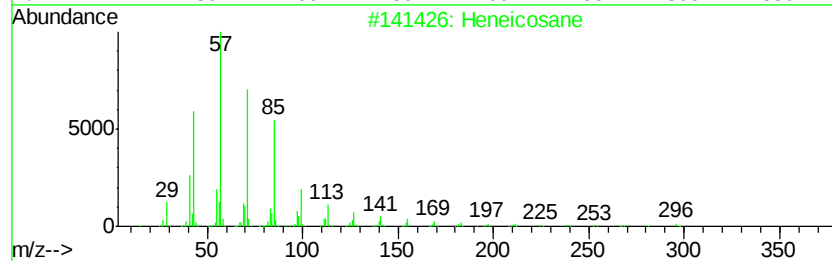
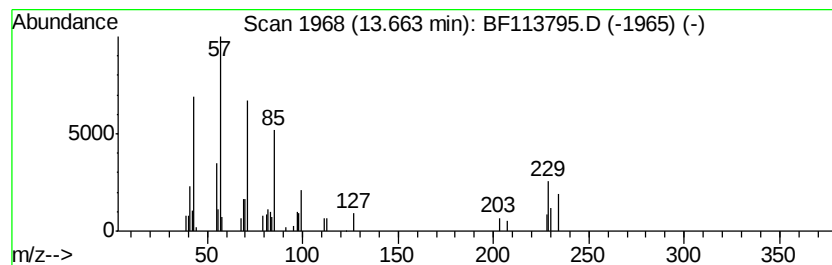
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	7.36 ng	26115	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	59
2	Hexacosane		366	C26H54	000630-01-3	59
3	Pentacosane		352	C25H52	000629-99-2	58
4	Heptadecane		240	C17H36	000629-78-7	53
5	Tetracosane		338	C24H50	000646-31-1	50



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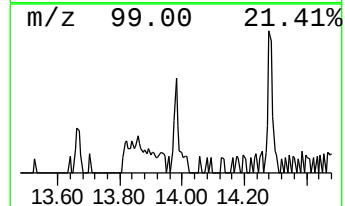
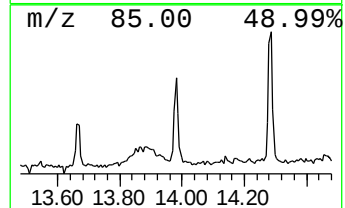
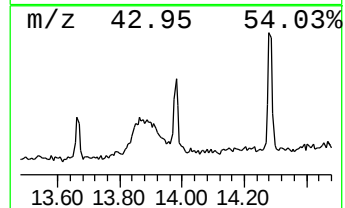
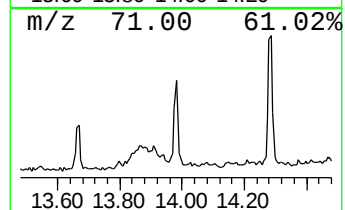
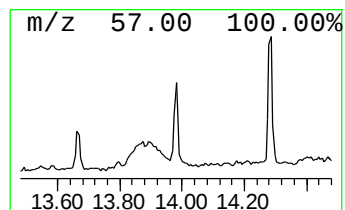
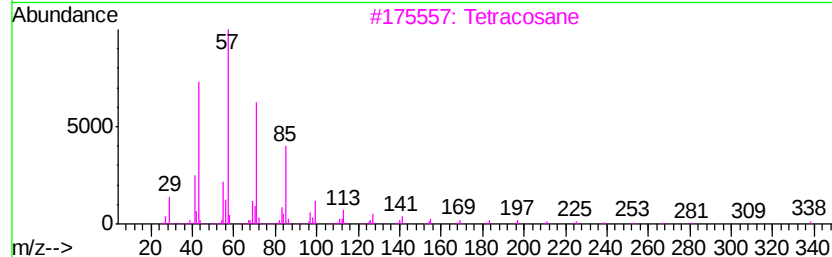
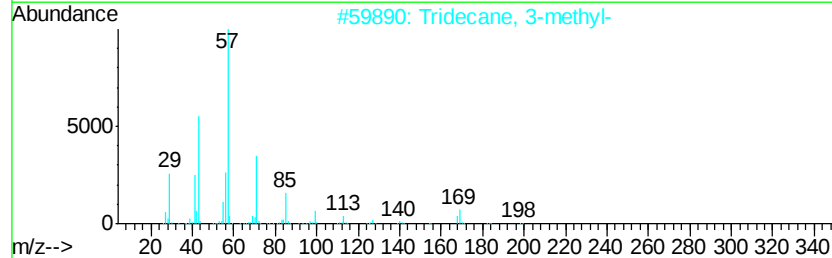
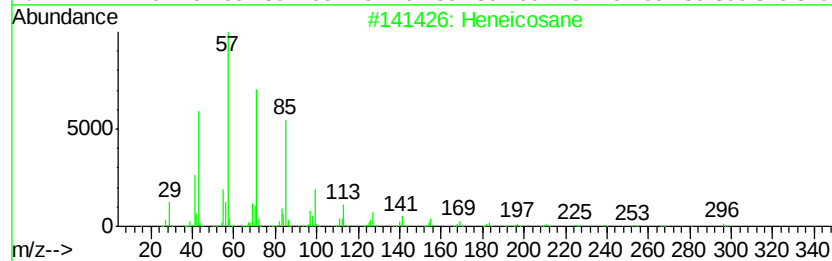
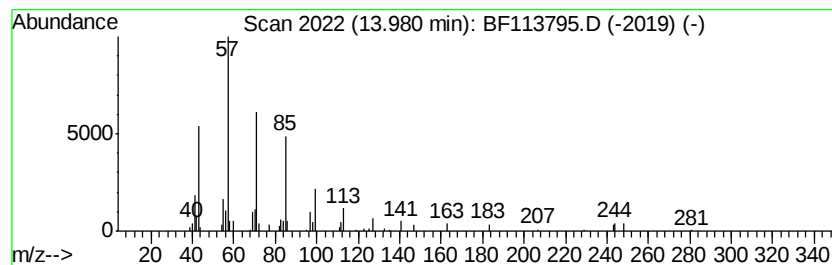
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Peak Number 7 Tridecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	9.75 ng	34616	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	83
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3		Tetracosane	338	C24H50	000646-31-1	72
4		Nonacosane	408	C29H60	000630-03-5	72
5		Nonadecane	268	C19H40	000629-92-5	64



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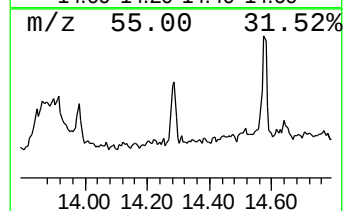
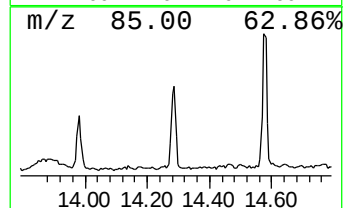
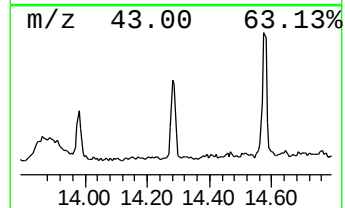
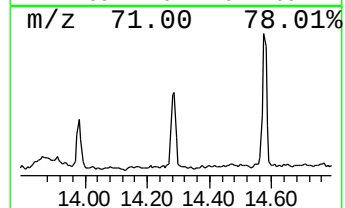
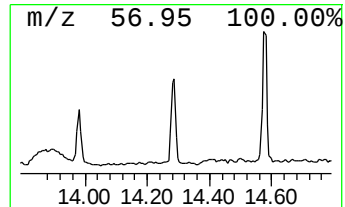
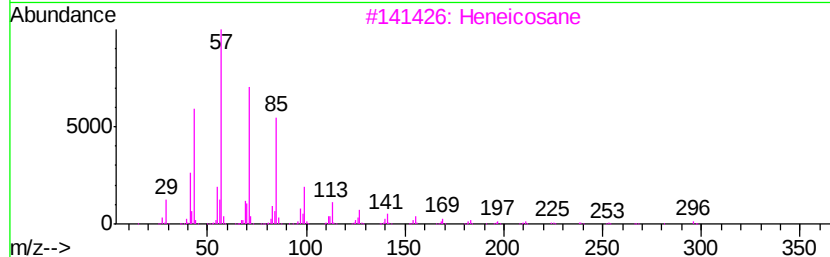
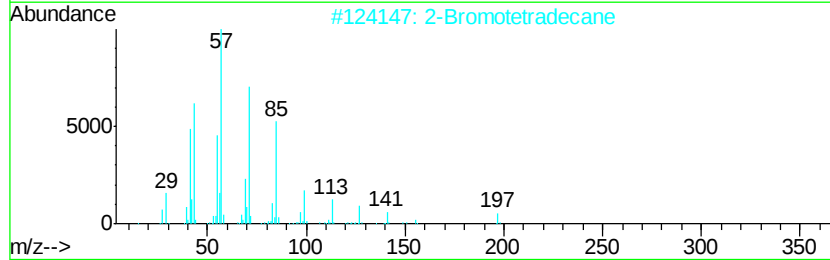
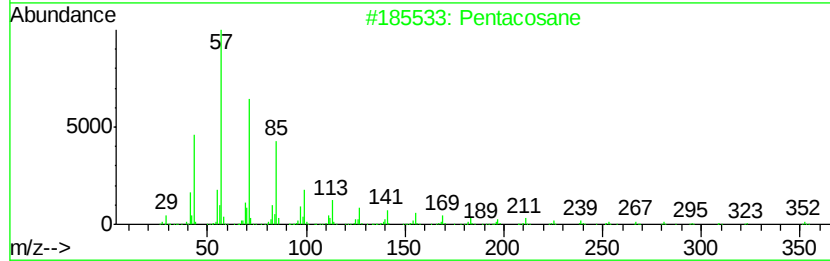
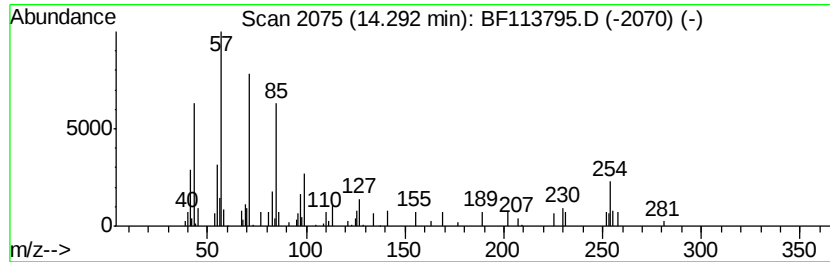
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	22.56 ng	80087	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	2-Bromotetradecane		276	C14H29Br	074036-95-6	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	5-Ethyl-5-methylnonadecane		310	C22H46	1000360-42-7	86
5	Octadecane		254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-S

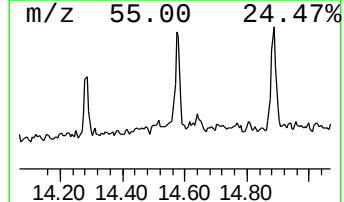
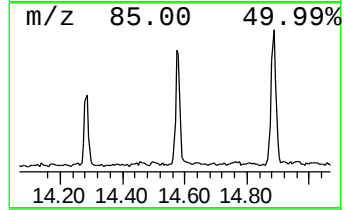
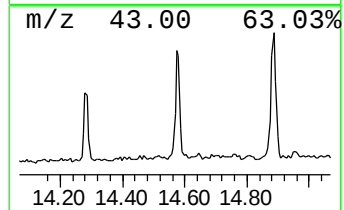
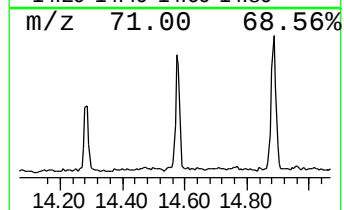
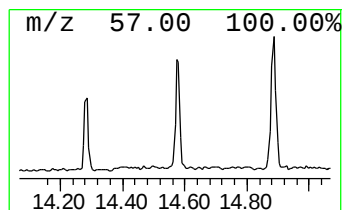
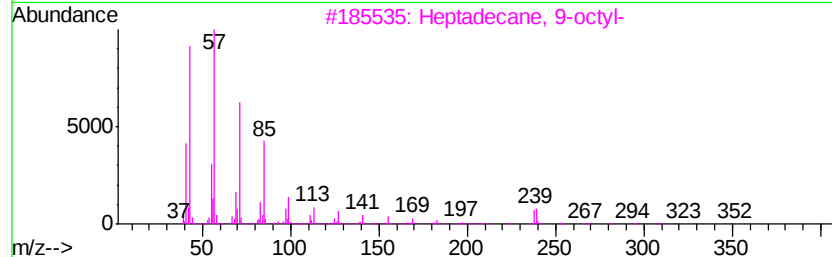
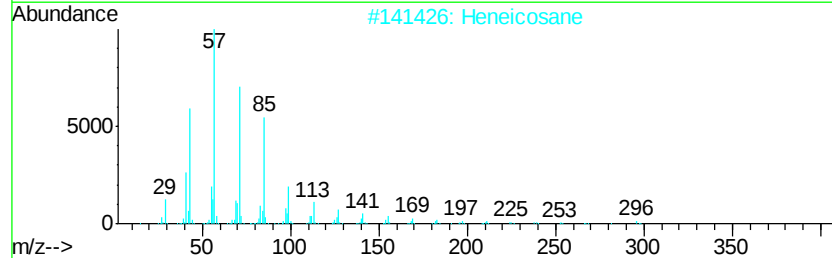
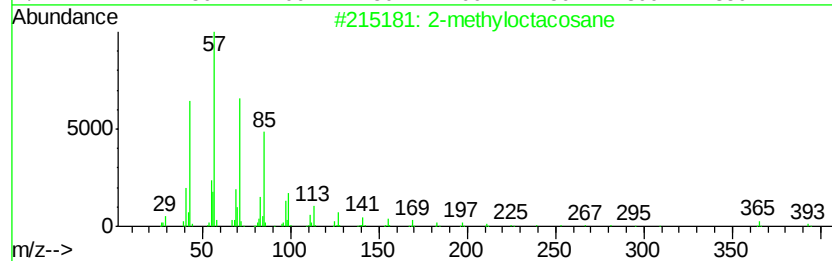
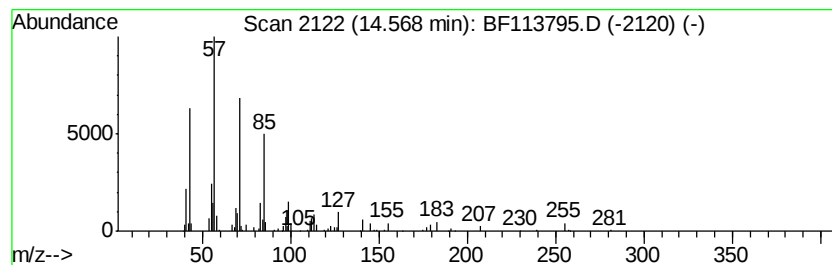
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	13.55 ng	113873	Perylene-d12	15.24

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		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-S

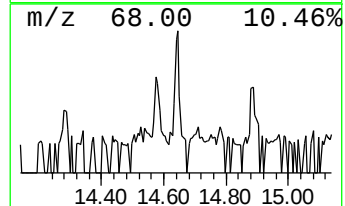
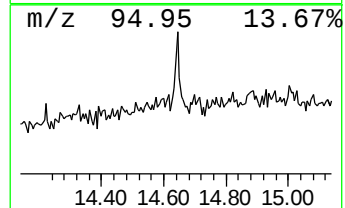
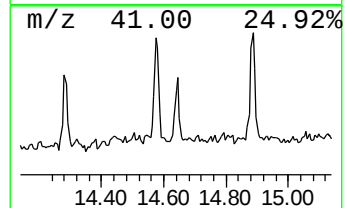
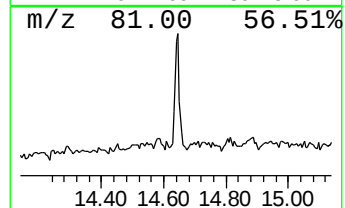
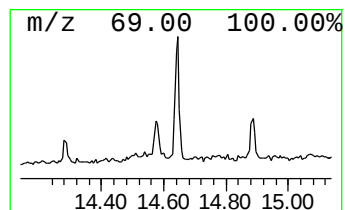
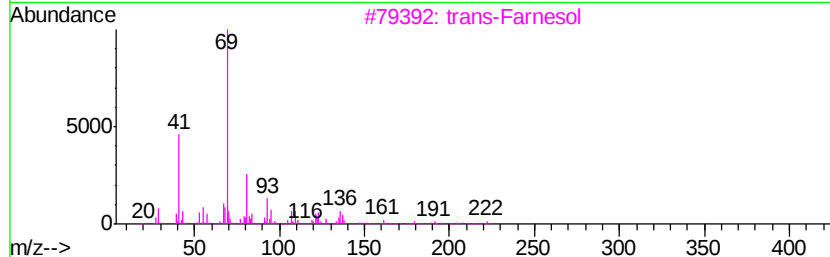
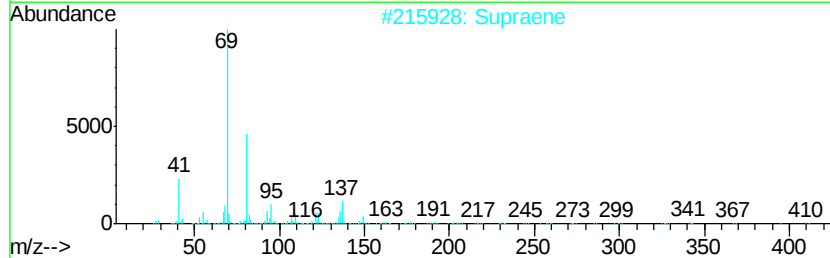
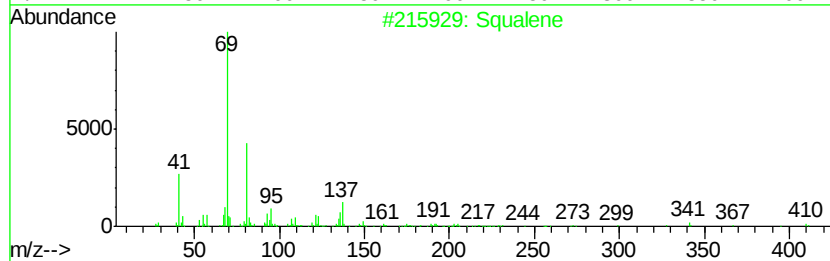
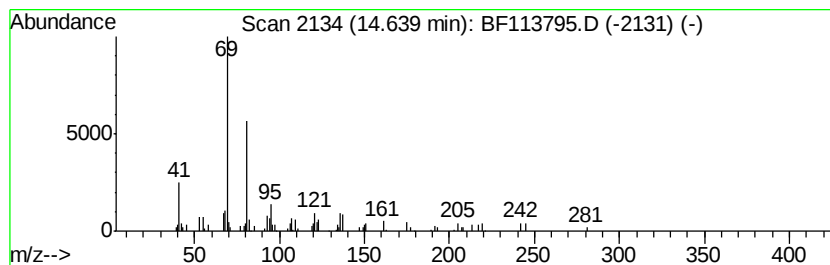
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.30 ng	44553	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	86
2		Supraene	410	C30H50	007683-64-9	80
3		trans-Farnesol	222	C15H26O	000106-28-5	64
4		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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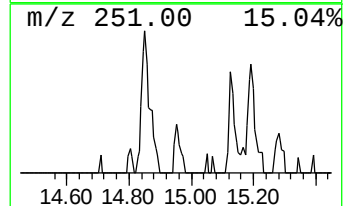
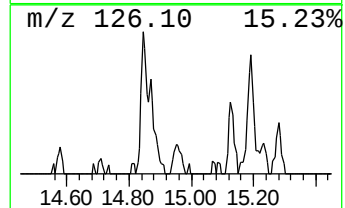
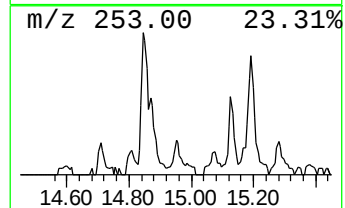
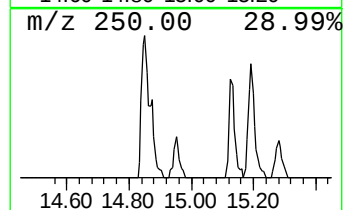
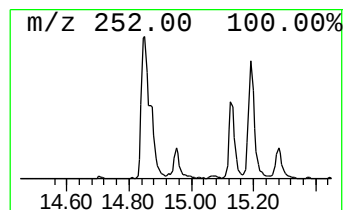
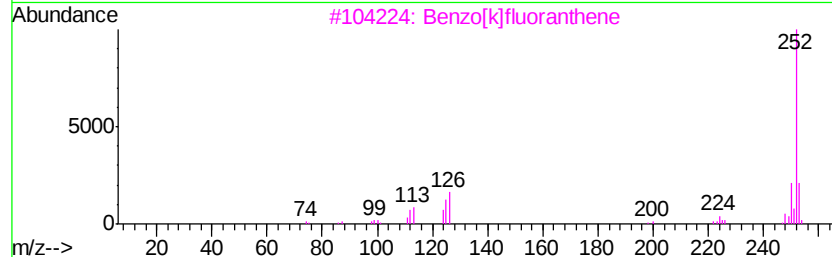
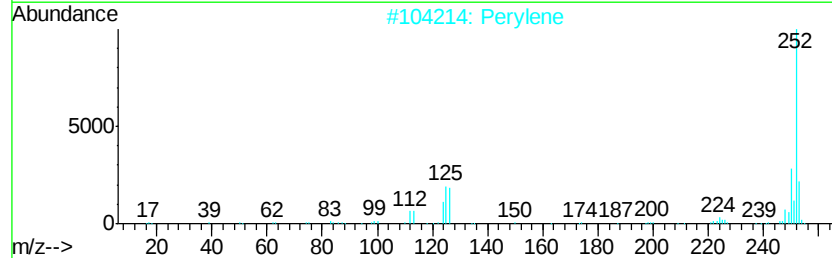
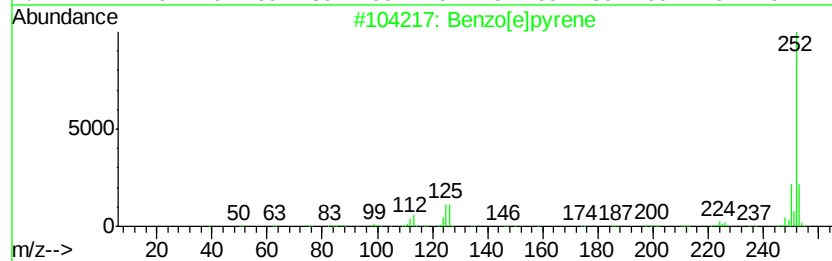
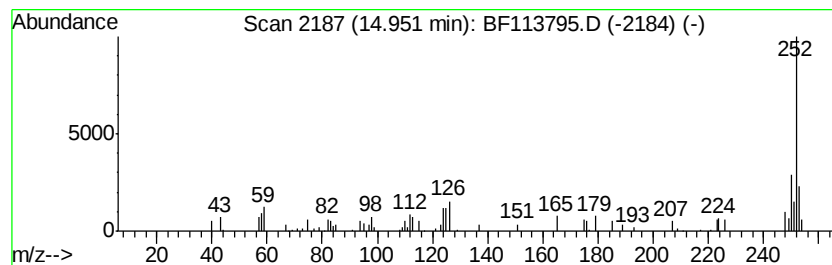
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.77 ng	31712	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	87
2			Perylene	252	C20H12	000198-55-0	81
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4			Benzo[a]pyrene	252	C20H12	000050-32-8	74
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-S

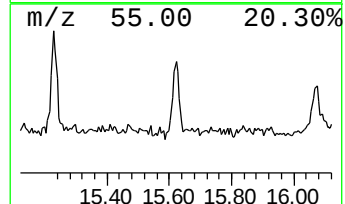
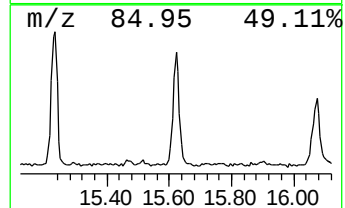
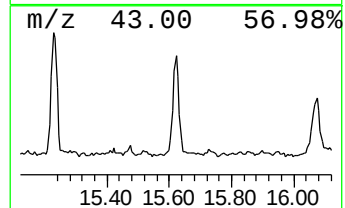
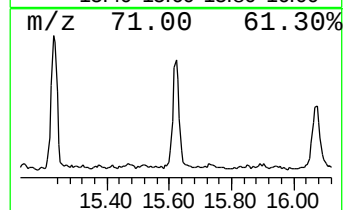
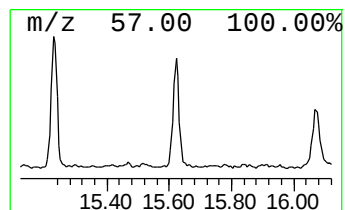
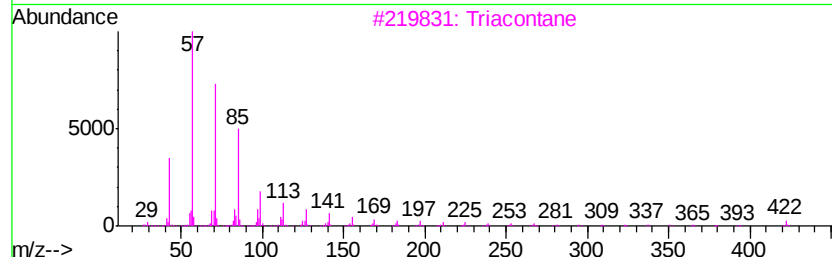
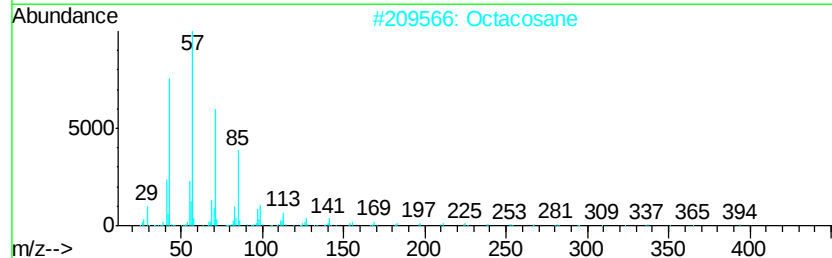
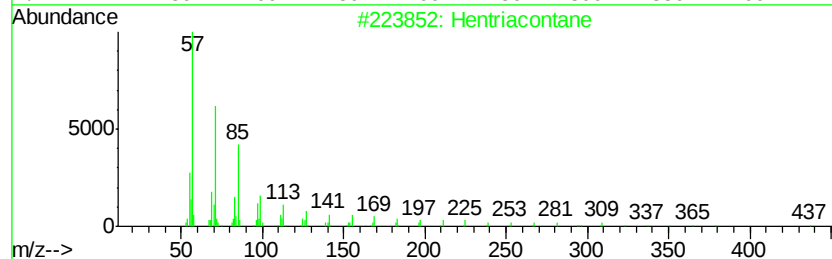
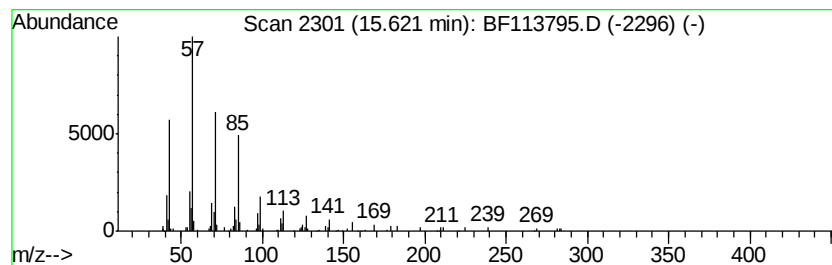
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	16.99 ng	142821	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		triacontane	422	C30H62	000638-68-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
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BNA_F
ClientSampleId :
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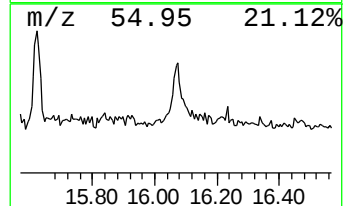
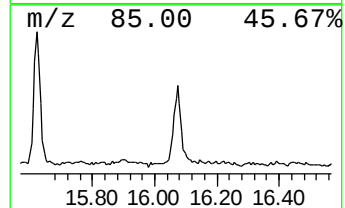
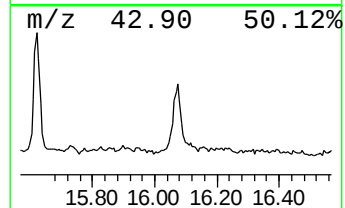
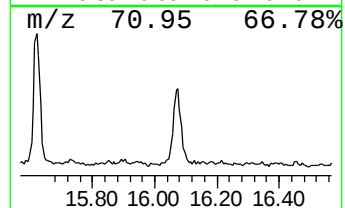
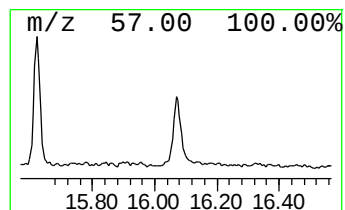
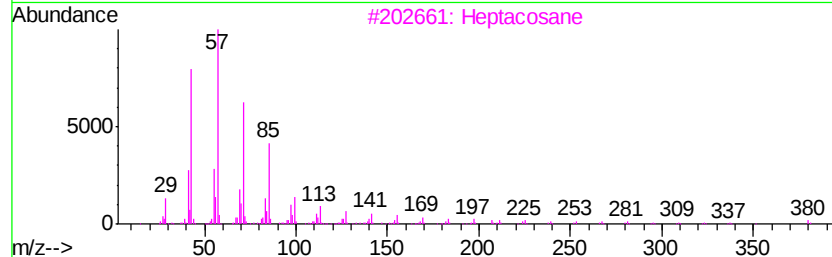
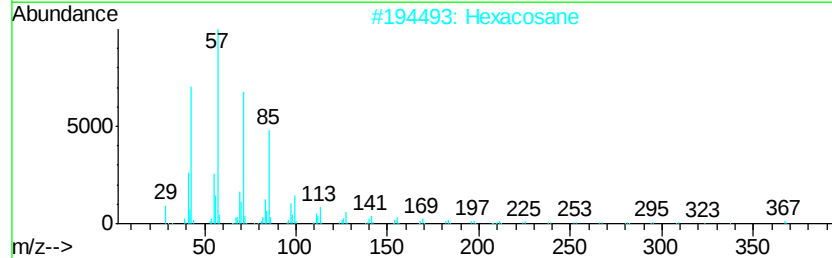
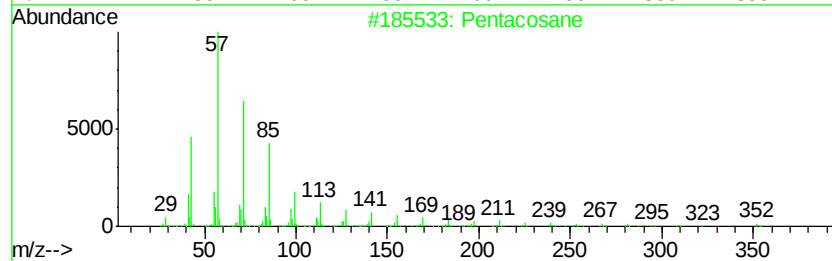
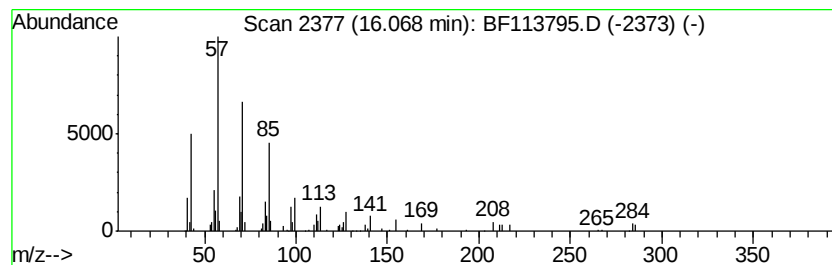
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	13.68 ng	114932	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113795.D
Acq On : 16 Apr 2019 15:57
Operator : JU/SJ
Sample : K2411-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	11.73	47.5	ng	168660	3	13.83	70995	20.0
unknown12.52	12.52	8.9	ng	31465	3	13.83	70995	20.0
Heneicosane	13.66	7.4	ng	26115	3	13.83	70995	20.0
Tridecane, 3-methyl-	13.98	9.8	ng	34616	3	13.83	70995	20.0
Pentacosane	14.29	22.6	ng	80087	3	13.83	70995	20.0
2-methyloctacosane	14.57	13.6	ng	113873	4	15.24	168090	20.0
Squalene	14.64	5.3	ng	44553	4	15.24	168090	20.0
Benzo[e]pyrene	14.95	3.8	ng	31712	4	15.24	168090	20.0
Hentriacontane	15.62	17.0	ng	142821	4	15.24	168090	20.0
Heptacosane	16.07	13.7	ng	114932	4	15.24	168090	20.0