

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113929.D
 Acq On : 23 Apr 2019 19:12
 Operator : JU/SJ
 Sample : K2532-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

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-BF042219.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	2.222	18	23	33	rVB	49785	73488	2.29%	0.254%
2	5.528	580	585	588	rBV	3061214	2995345	93.34%	10.342%
3	6.528	749	755	758	rBV	2967399	3044179	94.86%	10.511%
4	6.669	774	779	783	rBV	3289339	3209231	100.00%	11.081%
5	6.898	814	818	821	rBV	941817	731310	22.79%	2.525%
6	7.057	841	845	848	rBV	3021786	2537053	79.05%	8.760%
7	7.457	907	913	916	rBV	2007930	1892497	58.97%	6.534%
8	8.181	1032	1036	1039	rBV	929421	817327	25.47%	2.822%
9	9.251	1214	1218	1222	rBV	3407124	3150795	98.18%	10.879%
10	9.639	1281	1284	1295	rVB	517572	435748	13.58%	1.505%
11	9.933	1330	1334	1344	rVB	978910	839924	26.17%	2.900%
12	10.722	1463	1468	1471	rBV	2008666	1838926	57.30%	6.350%
13	11.416	1582	1586	1590	rBV	957375	802952	25.02%	2.772%
14	11.939	1670	1675	1680	rBV	179117	161377	5.03%	0.557%
15	12.722	1805	1808	1815	rBV	41128	47627	1.48%	0.164%
16	13.004	1851	1856	1859	rBV	3527593	3180130	99.09%	10.980%
17	13.233	1892	1895	1898	rBV	56758	43942	1.37%	0.152%
18	13.439	1927	1930	1933	rBV2	45909	58429	1.82%	0.202%
19	13.474	1933	1936	1944	rVB4	27991	50269	1.57%	0.174%
20	13.574	1950	1953	1957	rBV	117448	97275	3.03%	0.336%
21	13.904	2006	2009	2014	rBV	160461	142345	4.44%	0.491%
22	14.010	2019	2027	2029	rBV6	51426	119919	3.74%	0.414%
23	14.057	2031	2035	2039	rVB	1122576	1027137	32.01%	3.547%
24	14.227	2061	2064	2069	rBV	151064	127113	3.96%	0.439%
25	14.539	2114	2117	2121	rVB	131296	120755	3.76%	0.417%
26	14.857	2167	2171	2176	rBV	121309	127966	3.99%	0.442%
27	15.198	2226	2229	2235	rBV	111400	132795	4.14%	0.459%
28	15.551	2285	2289	2293	rBV	638534	830564	25.88%	2.868%
29	15.592	2293	2296	2303	rVB	99678	133309	4.15%	0.460%
30	16.039	2368	2372	2384	rVB	75212	119581	3.73%	0.413%
31	16.557	2456	2460	2465	rVB3	43324	72399	2.26%	0.250%

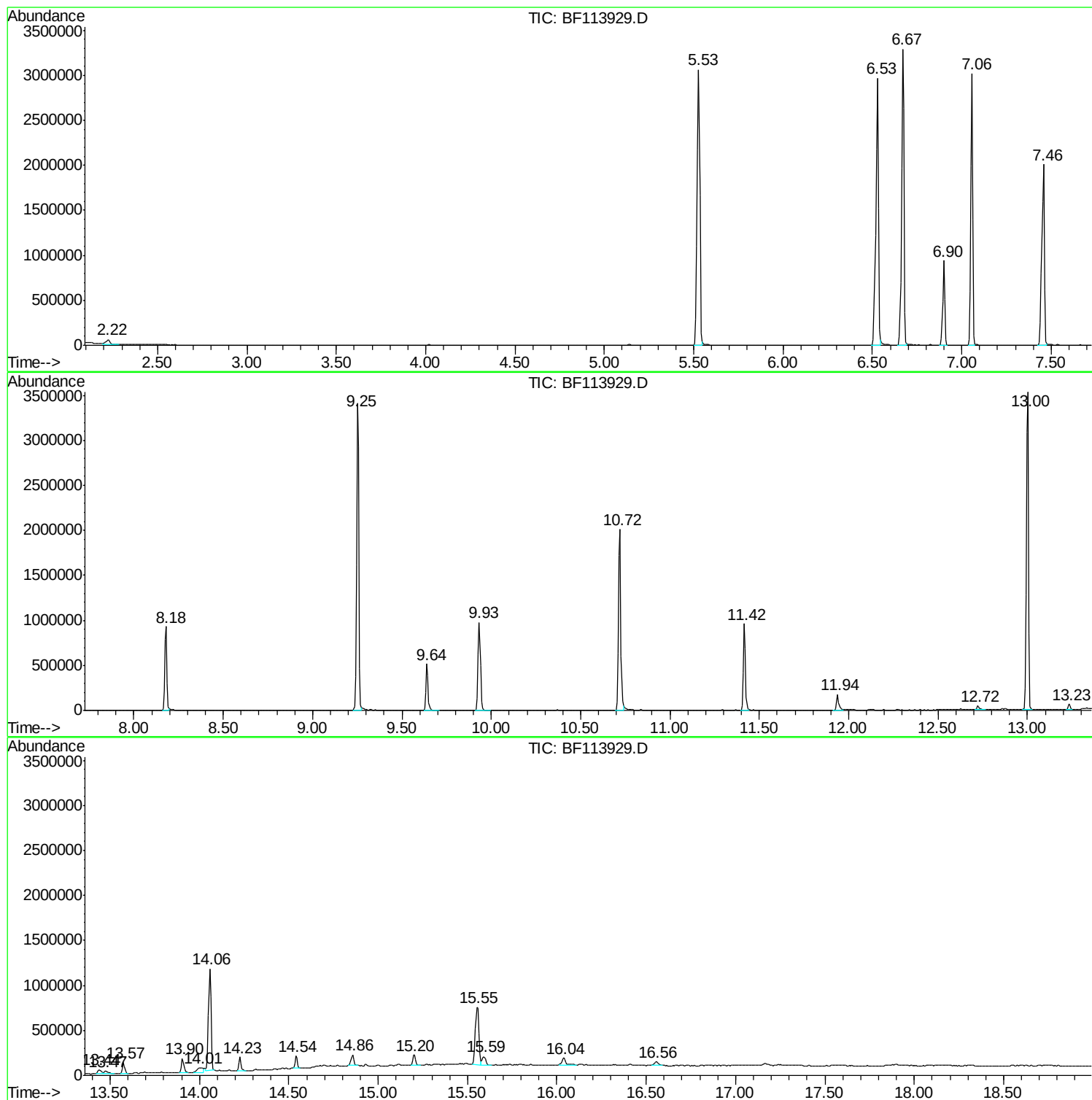
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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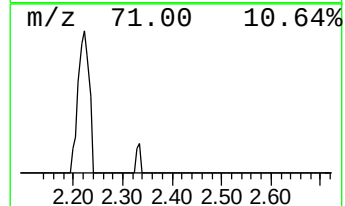
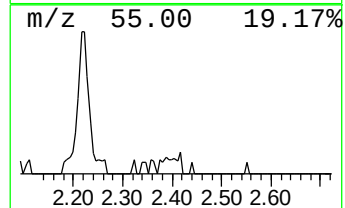
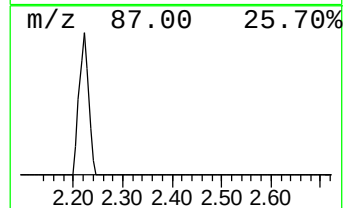
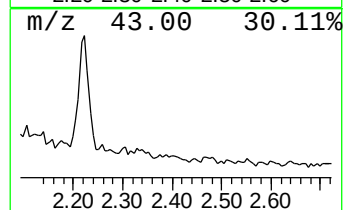
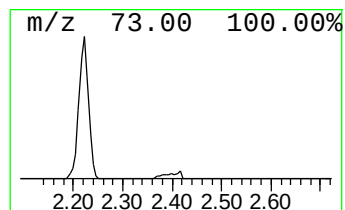
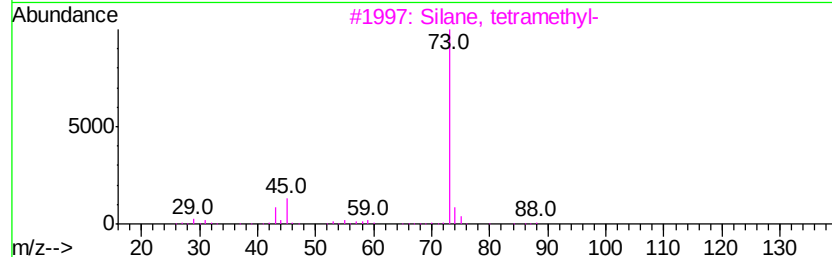
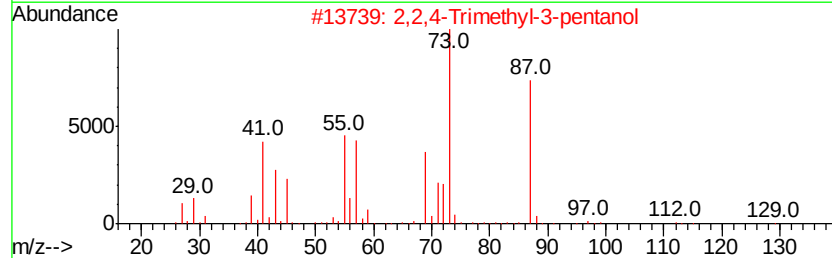
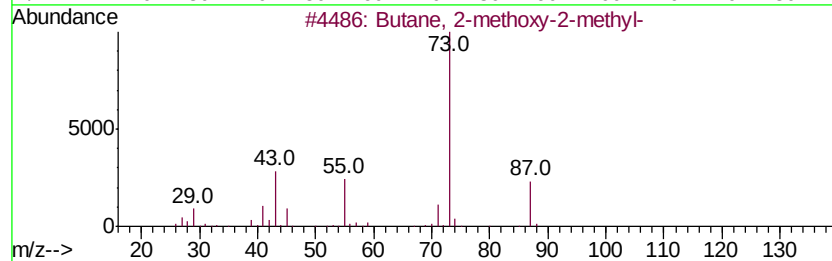
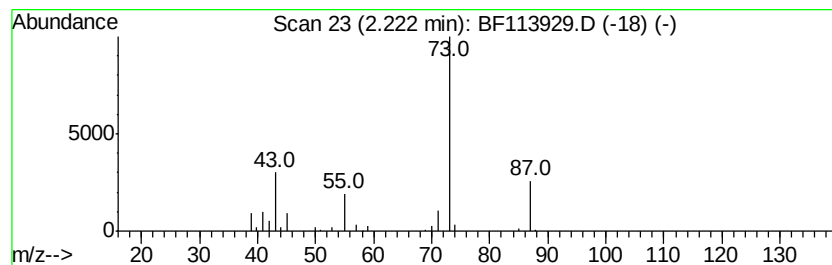
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.01 ng	73488	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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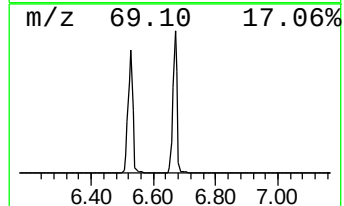
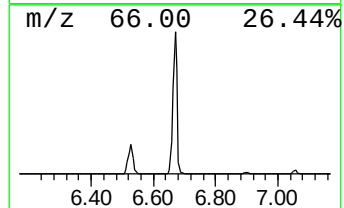
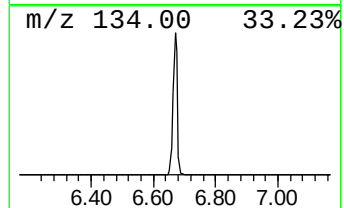
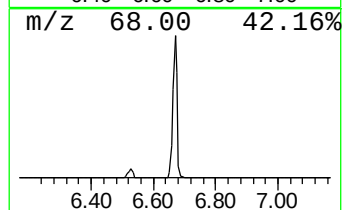
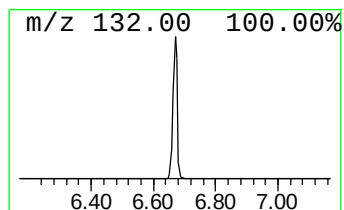
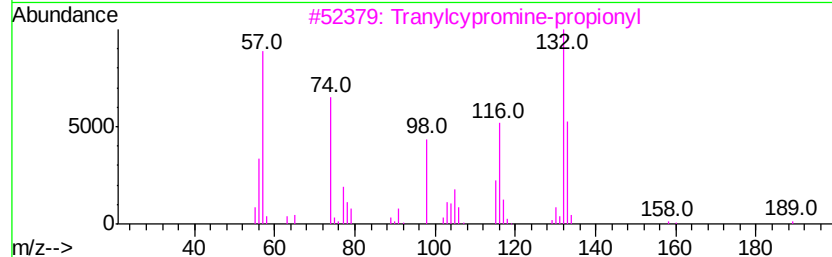
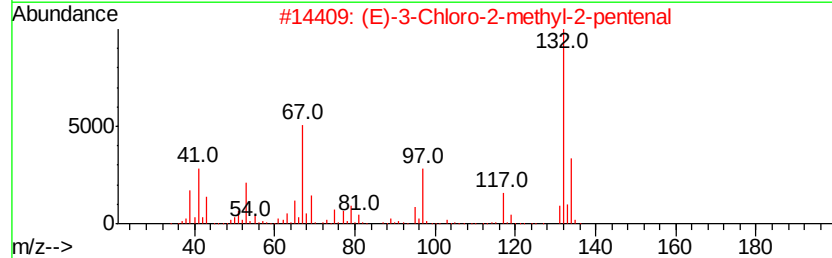
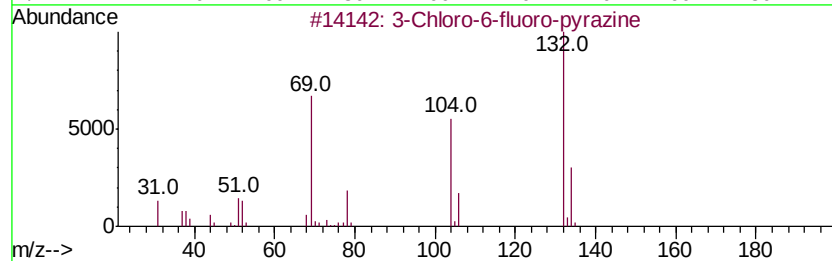
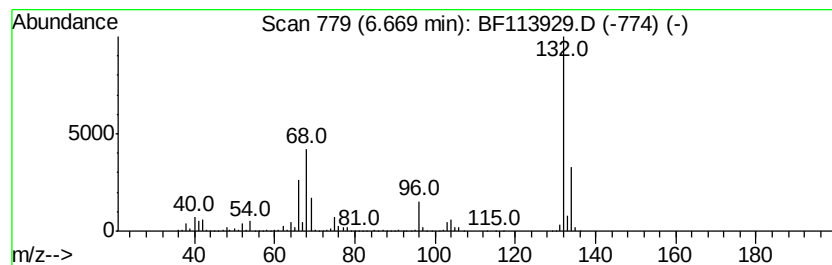
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Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	87.77 ng	3209230	1,4-Dichlorobenzene-d4	6.90

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		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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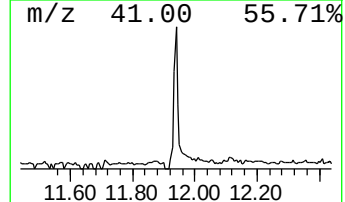
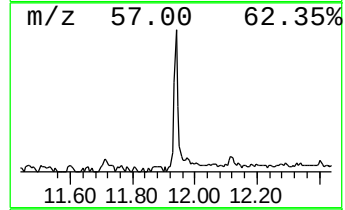
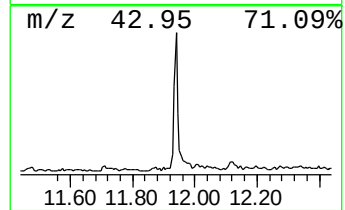
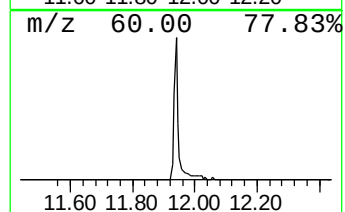
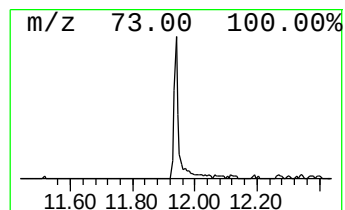
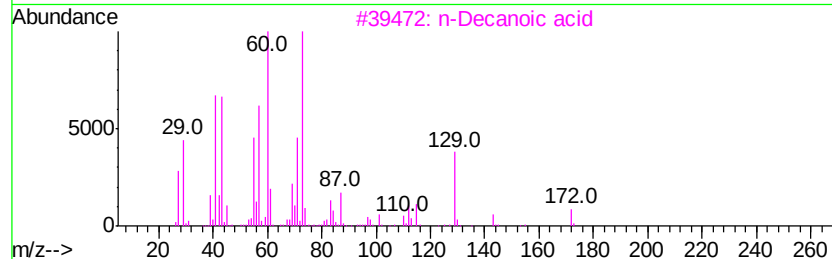
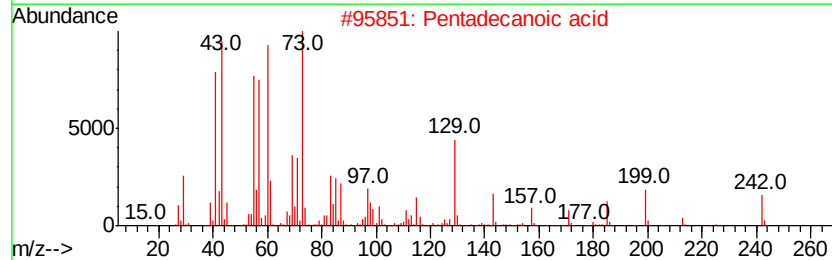
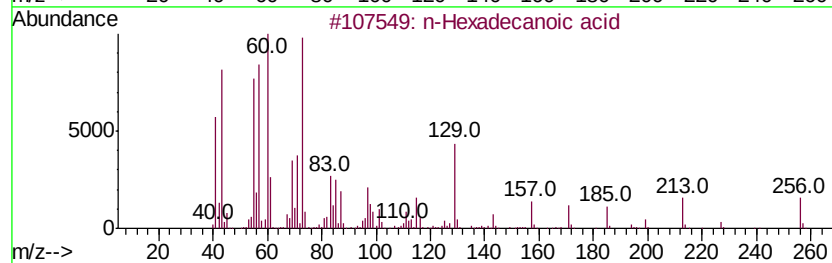
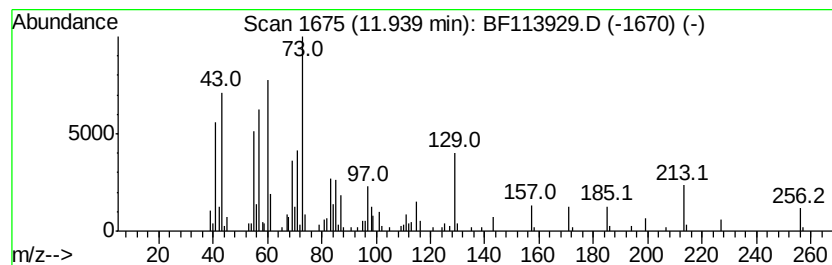
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.94	4.02 ng	161377	Phenanthrene-d10	11.42	
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	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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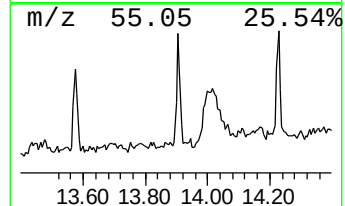
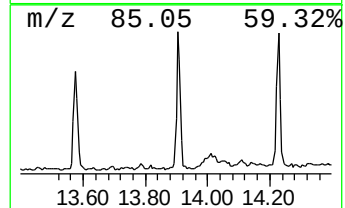
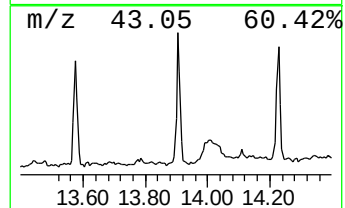
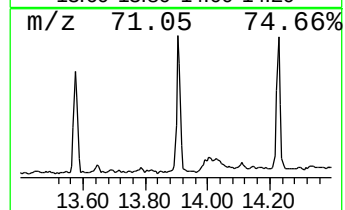
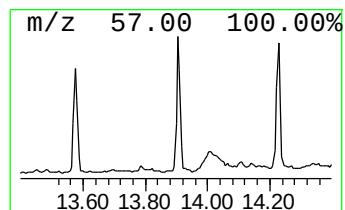
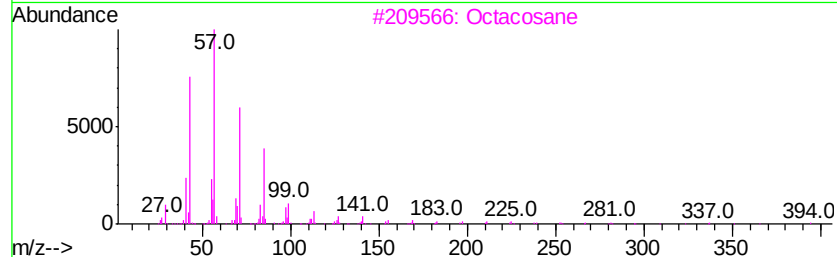
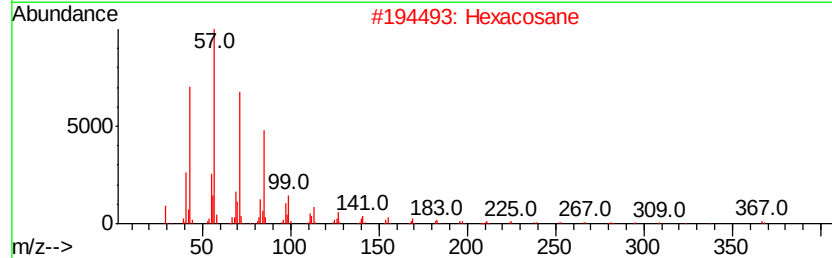
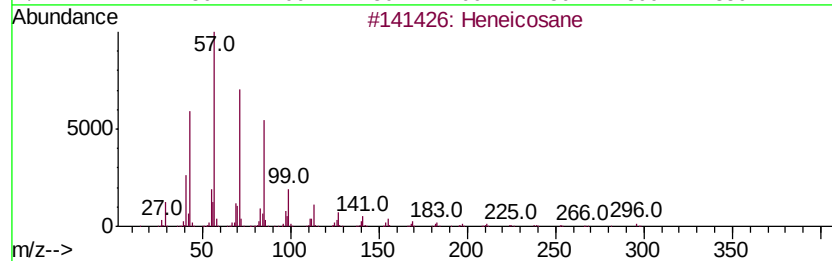
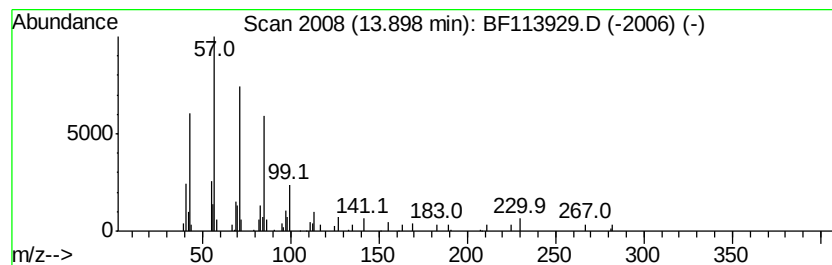
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.77 ng	142345	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Octadecane		254	C18H38	000593-45-3	87
5	Triacontane		422	C30H62	000638-68-6	87



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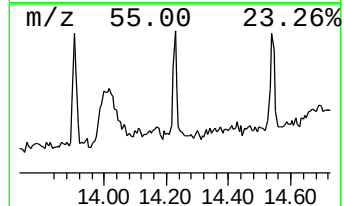
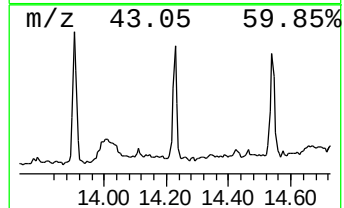
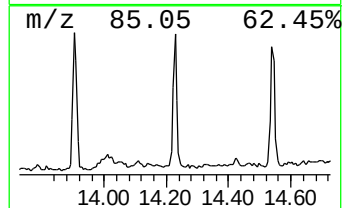
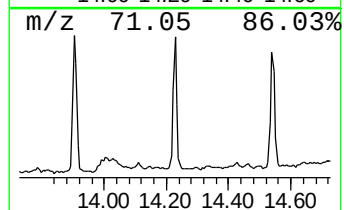
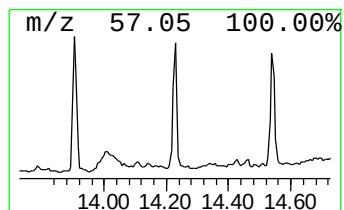
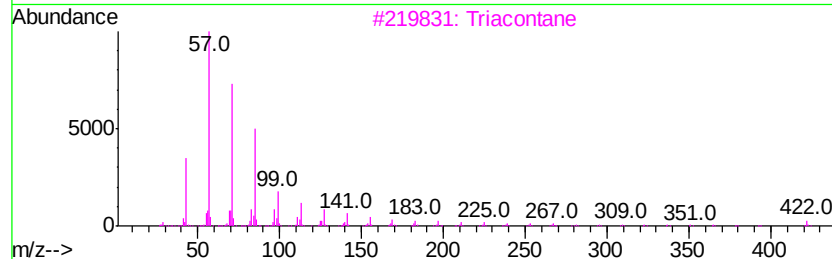
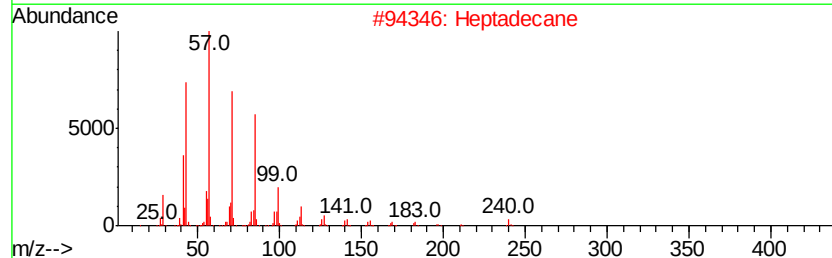
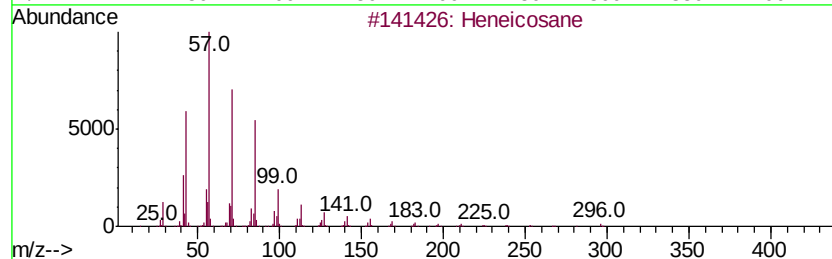
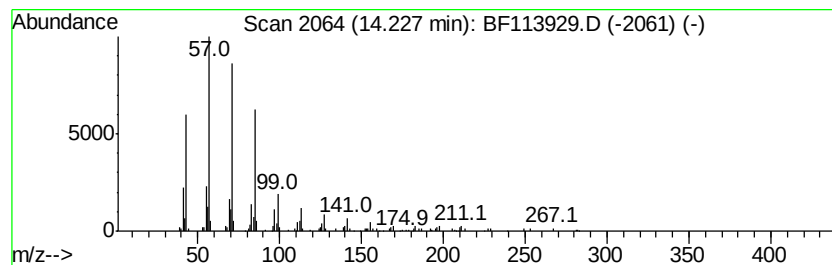
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.48 ng	127113	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



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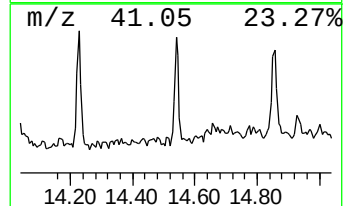
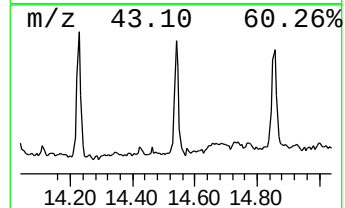
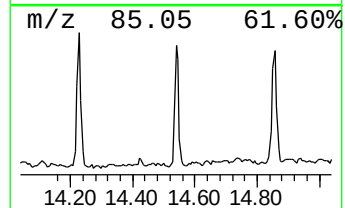
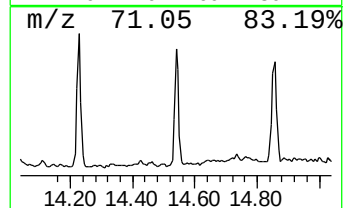
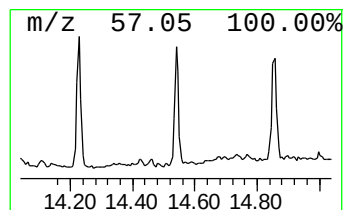
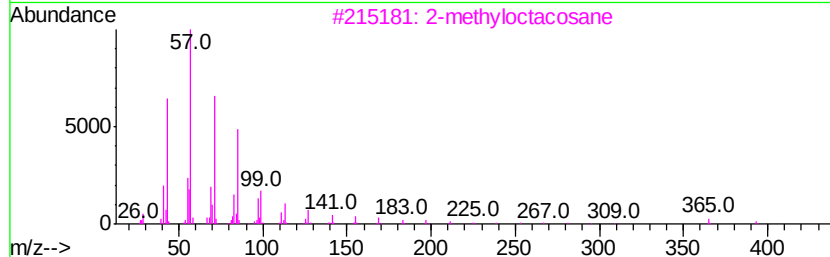
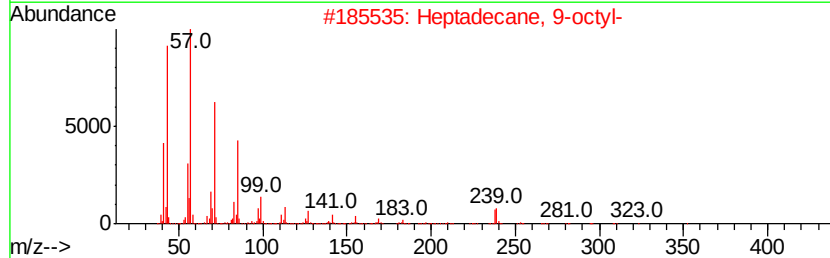
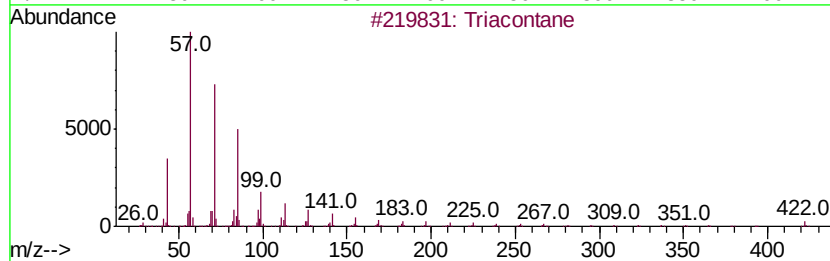
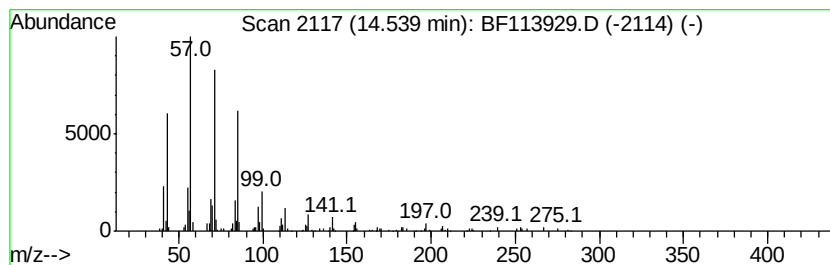
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.35 ng	120755	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113929.D
Acq On : 23 Apr 2019 19:12
Operator : JU/SJ
Sample : K2532-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

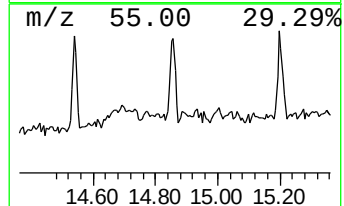
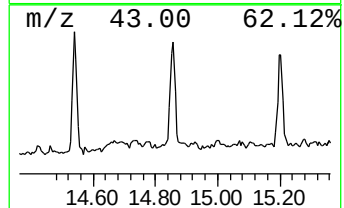
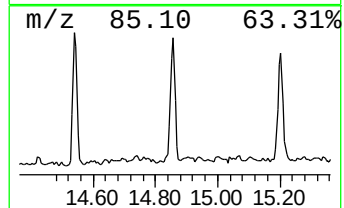
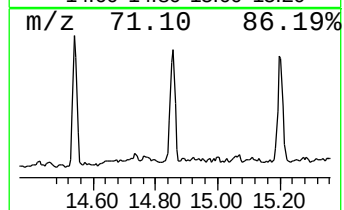
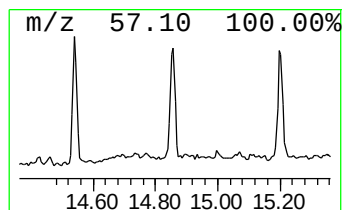
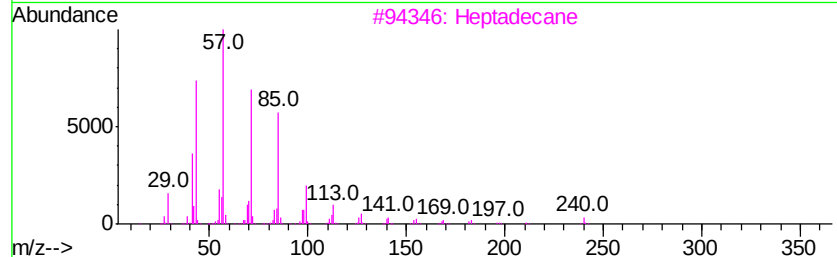
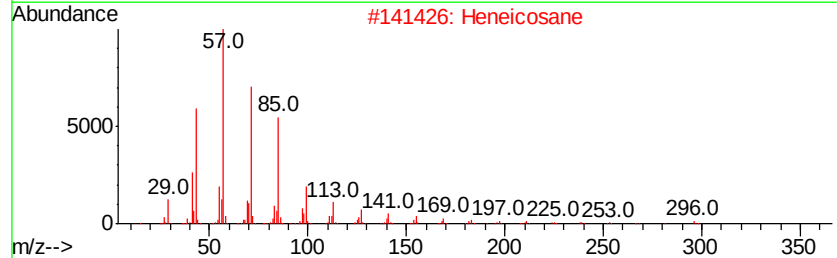
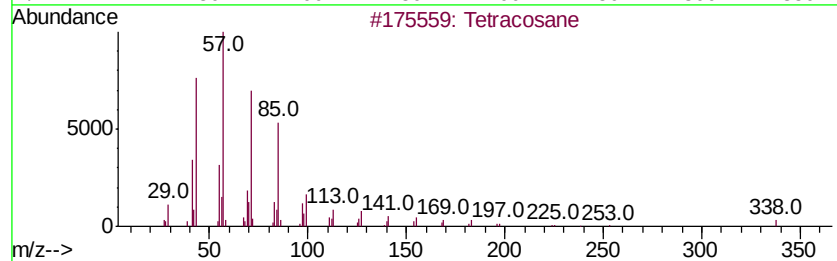
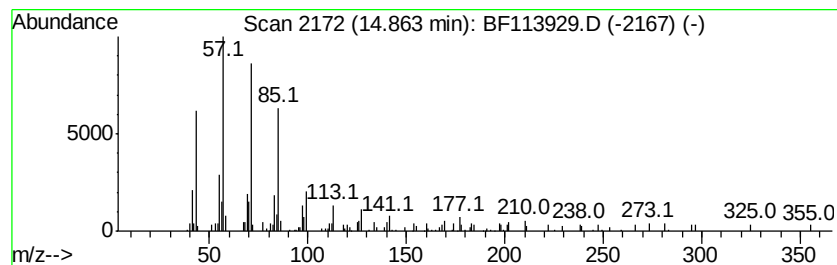
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.08 ng	127966	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113929.D
Acq On : 23 Apr 2019 19:12
Operator : JU/SJ
Sample : K2532-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

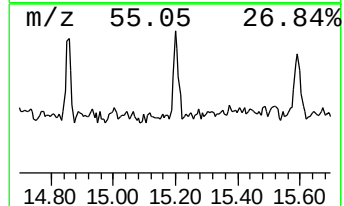
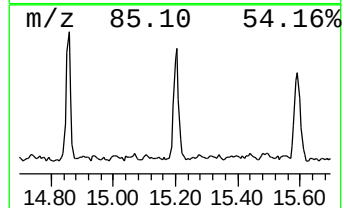
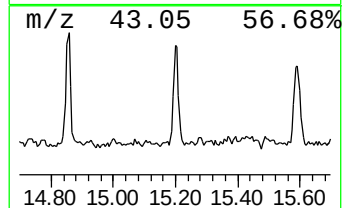
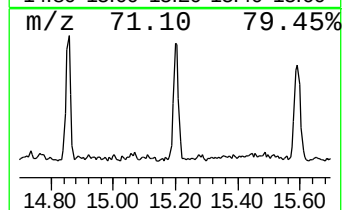
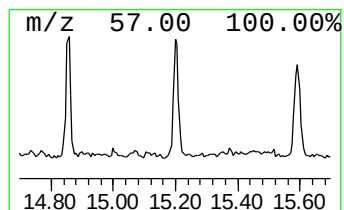
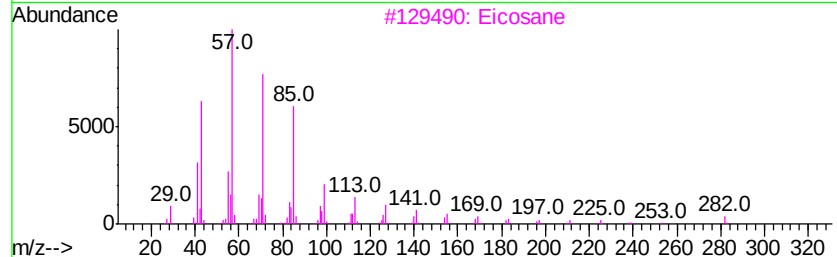
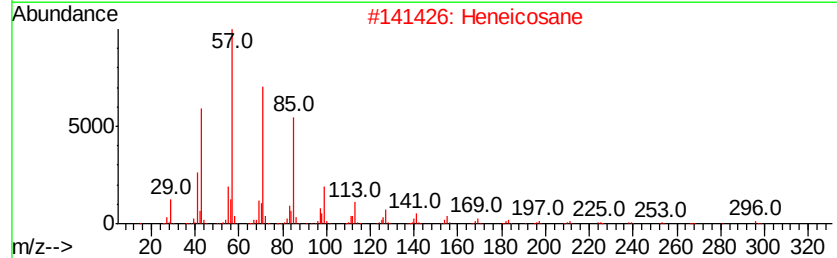
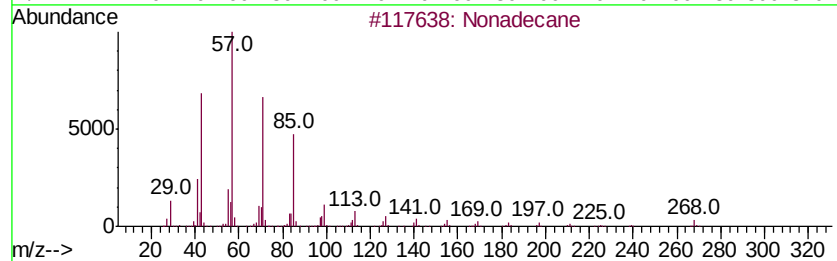
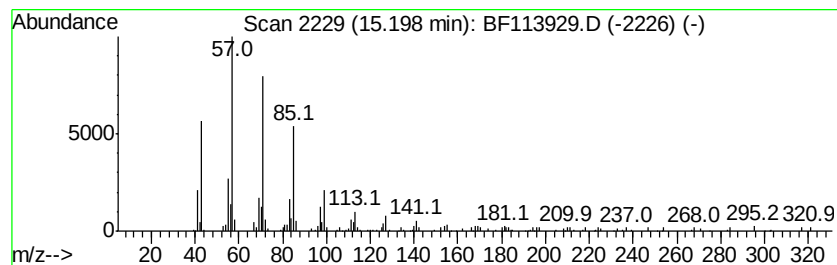
Instrument :
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ClientSampleId :
TP-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.20	3.20 ng	132795	Perylene-d12		15.55
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113929.D
Acq On : 23 Apr 2019 19:12
Operator : JU/SJ
Sample : K2532-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

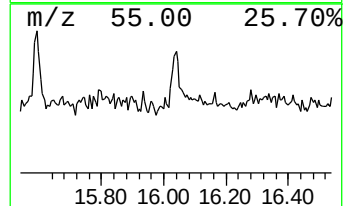
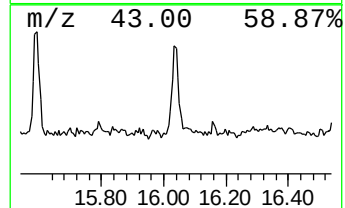
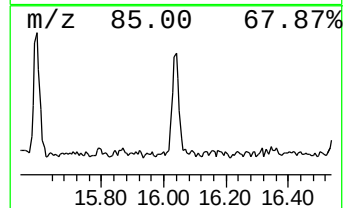
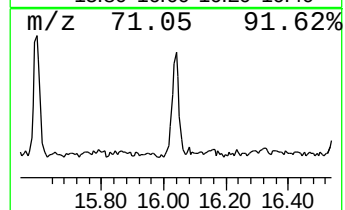
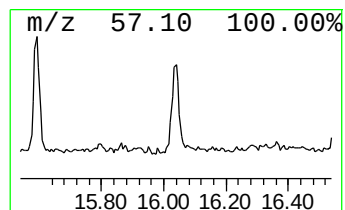
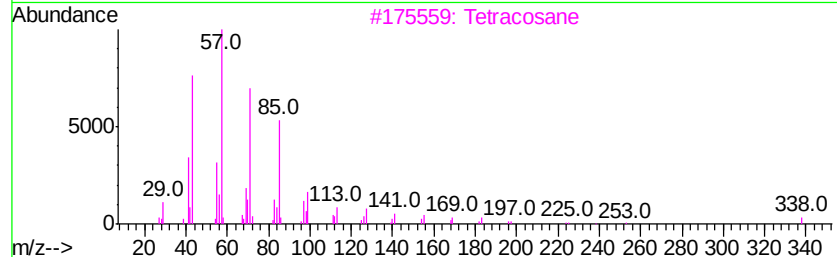
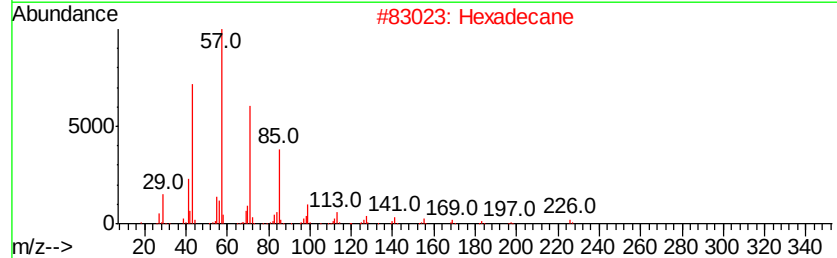
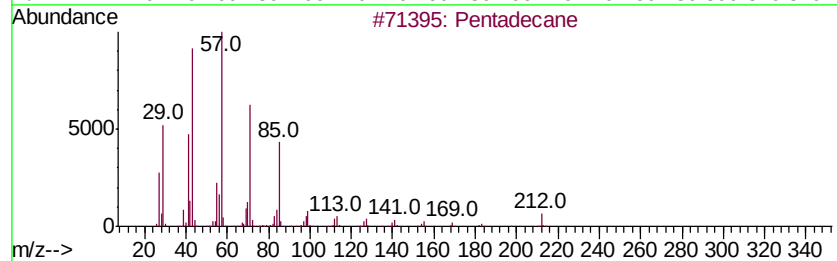
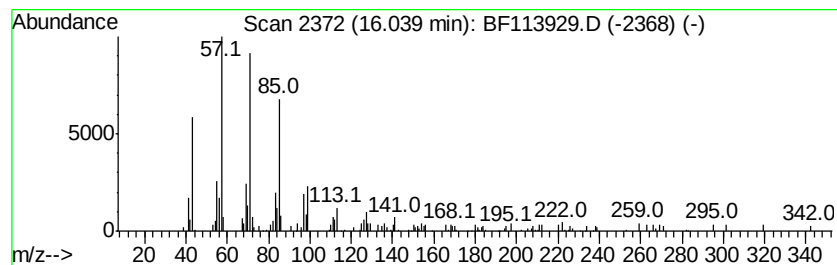
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.88 ng	119581	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
Data File : BF113929.D
Acq On : 23 Apr 2019 19:12
Operator : JU/SJ
Sample : K2532-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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unknown6.67	6.67	87.8	ng	3209230	1	6.90	731310	20.0
n-Hexadecanoic acid	11.94	4.0	ng	161377	4	11.42	802952	20.0
Heneicosane	13.90	2.8	ng	142345	5	14.06	1027140	20.0
Heptadecane	14.23	2.5	ng	127113	5	14.06	1027140	20.0
Triacontane	14.54	2.4	ng	120755	5	14.06	1027140	20.0
Tetracosane	14.86	3.1	ng	127966	6	15.55	830564	20.0
Nonadecane	15.20	3.2	ng	132795	6	15.55	830564	20.0
Pentadecane	16.04	2.9	ng	119581	6	15.55	830564	20.0