

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100778.D
 Acq On : 21 Nov 2017 14:17
 Operator : SJ/JU
 Sample : I6340-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-4A

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.098	508	512	525	rBV	231096	309094	17.02%	1.845%
2	5.493	574	579	582	rBV	1763169	1742989	95.96%	10.406%
3	6.498	745	750	753	rBV	1714433	1767282	97.30%	10.551%
4	6.640	769	774	777	rBV	1917391	1816342	100.00%	10.844%
5	6.869	810	813	817	rVB	529032	437402	24.08%	2.611%
6	7.028	836	840	843	rBV	1478503	1268463	69.84%	7.573%
7	7.434	904	909	912	rBV	1187587	1105003	60.84%	6.597%
8	7.851	977	980	986	rBV	18605	26989	1.49%	0.161%
9	8.051	1009	1014	1018	rBV	19230	19802	1.09%	0.118%
10	8.151	1027	1031	1034	rBV	700767	583280	32.11%	3.482%
11	9.228	1209	1214	1217	rBV	1868965	1641628	90.38%	9.800%
12	9.616	1276	1280	1284	rBV	459278	418521	23.04%	2.499%
13	9.910	1325	1330	1333	rBV	721797	668231	36.79%	3.989%
14	10.698	1459	1464	1467	rBV	1147052	1078185	59.36%	6.437%
15	10.816	1478	1484	1491	rBV4	28323	40475	2.23%	0.242%
16	11.280	1560	1563	1568	rVB4	20602	22187	1.22%	0.132%
17	11.392	1578	1582	1585	rBV	808762	711246	39.16%	4.246%
18	12.357	1744	1746	1750	rVB3	20391	19010	1.05%	0.113%
19	12.604	1785	1788	1791	rVB	63000	53439	2.94%	0.319%
20	12.833	1825	1827	1830	rVB	51212	39853	2.19%	0.238%
21	12.974	1847	1851	1855	rVB	1346798	1299752	71.56%	7.759%
22	13.786	1987	1989	1993	rVB4	35547	29885	1.65%	0.178%
23	13.933	2012	2014	2018	rBV4	34842	33068	1.82%	0.197%
24	14.004	2023	2026	2028	rBV	132891	120956	6.66%	0.722%
25	14.033	2028	2031	2034	rVB	556334	487908	26.86%	2.913%
26	14.563	2119	2121	2125	rVB	72420	60342	3.32%	0.360%
27	15.074	2204	2208	2210	rBV2	32868	47485	2.61%	0.283%
28	15.133	2215	2218	2222	rBV2	43139	44359	2.44%	0.265%
29	15.504	2276	2281	2291	rVB	349095	485209	26.71%	2.897%
30	15.957	2354	2358	2362	rVB	40659	54155	2.98%	0.323%
31	16.210	2398	2401	2409	rVB8	28720	60390	3.32%	0.361%
32	16.462	2440	2444	2450	rVB2	38539	57227	3.15%	0.342%
33	16.645	2471	2475	2485	rVB9	25436	50521	2.78%	0.302%
34	17.057	2540	2545	2551	rVB4	29283	65122	3.59%	0.389%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	17.762	2659	2665	2675	rVB5	32028	84691	4.66%	0.506%
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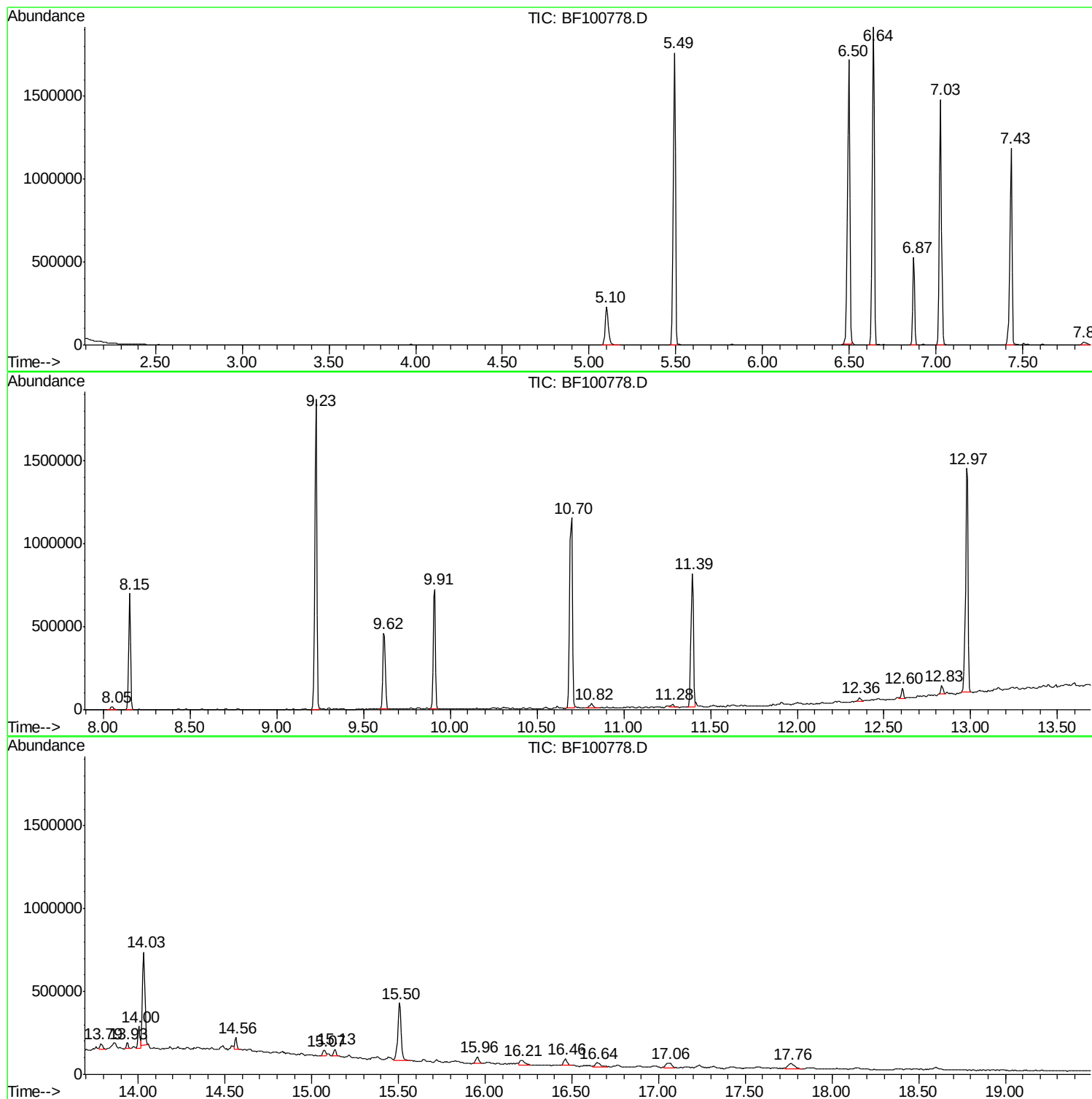
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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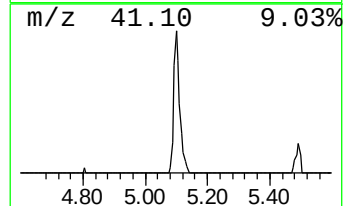
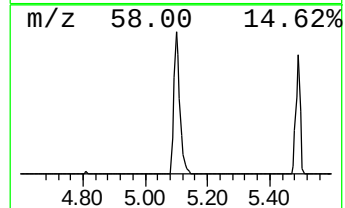
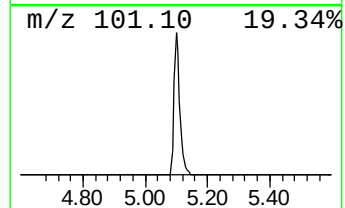
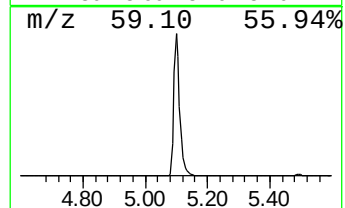
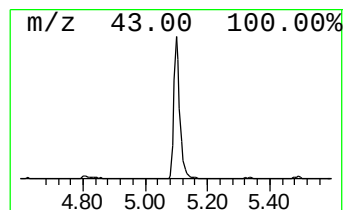
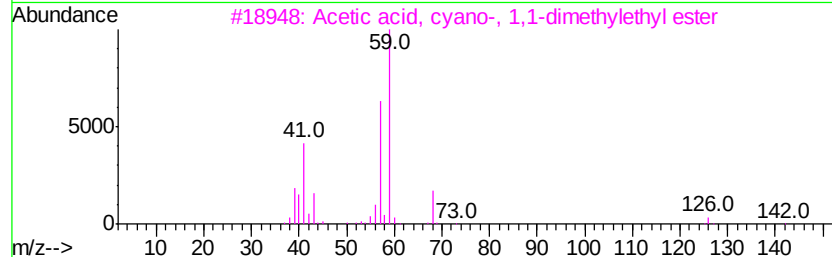
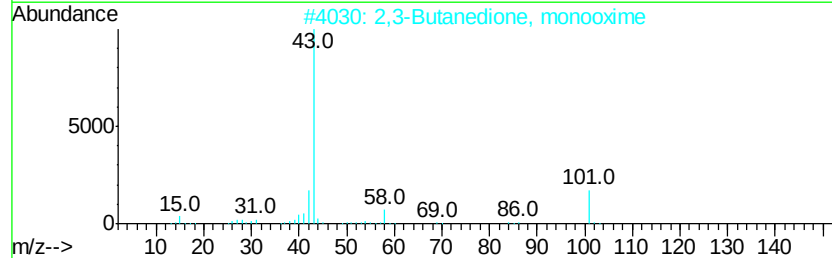
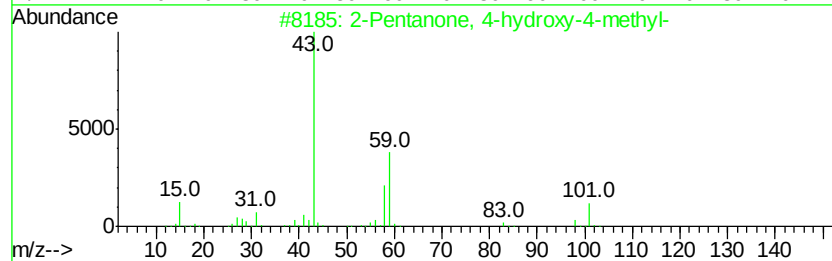
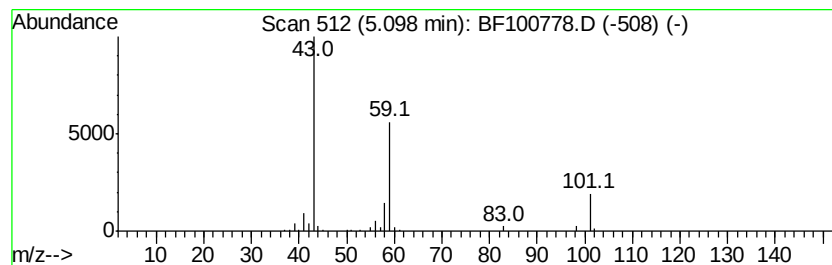
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	14.13 ng	309094	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9



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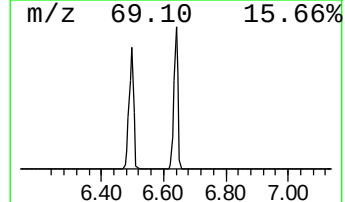
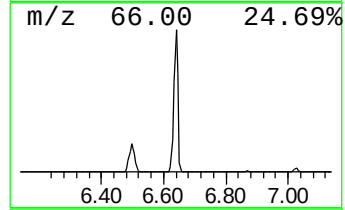
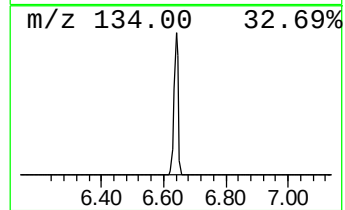
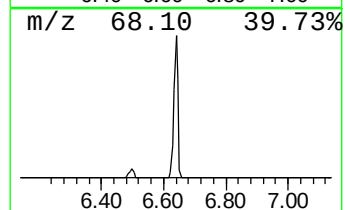
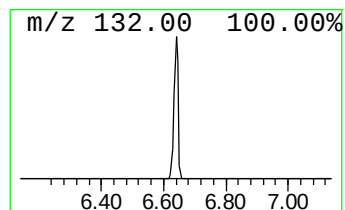
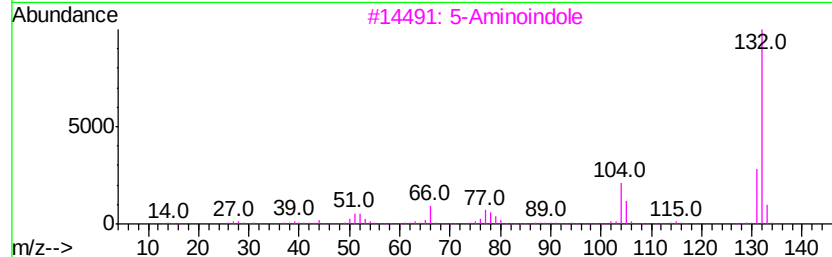
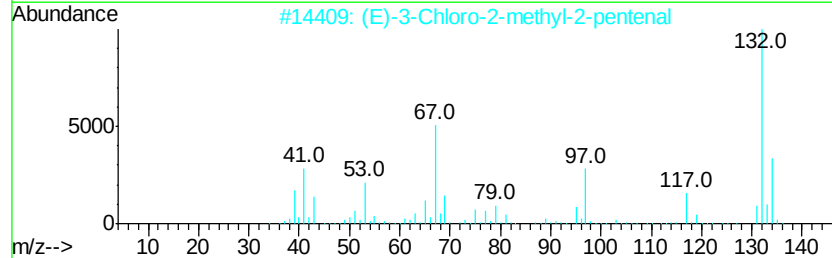
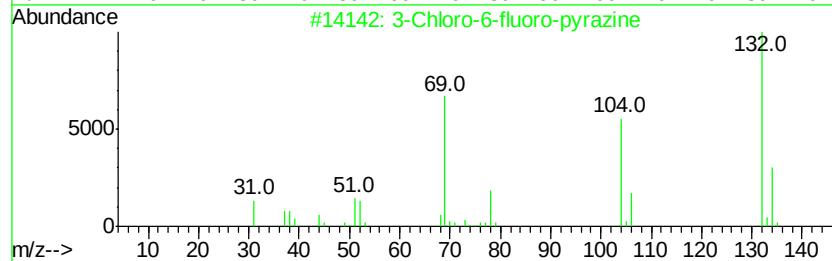
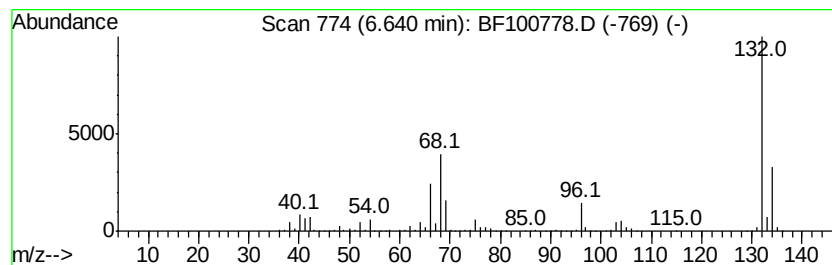
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	83.05 ng	1816340	1,4-Dichlorobenzene-d4	6.87

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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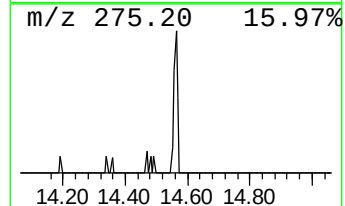
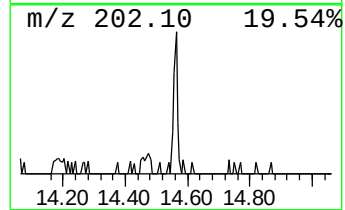
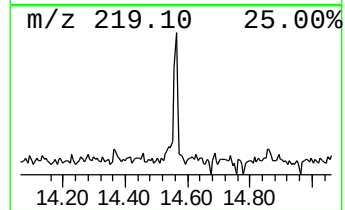
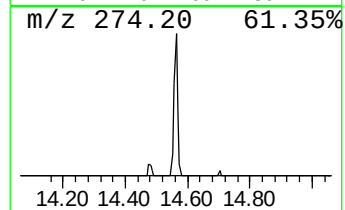
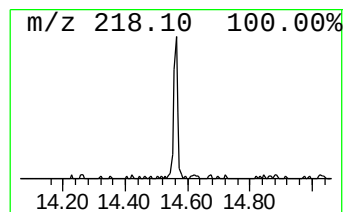
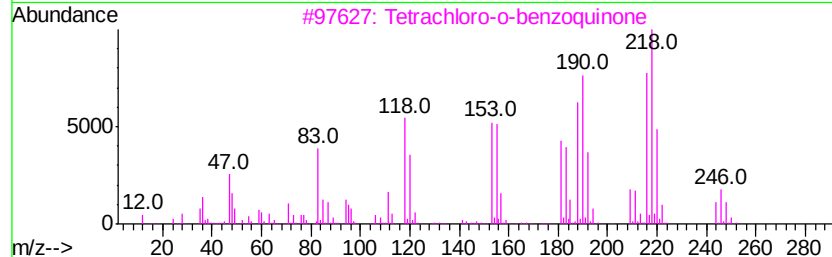
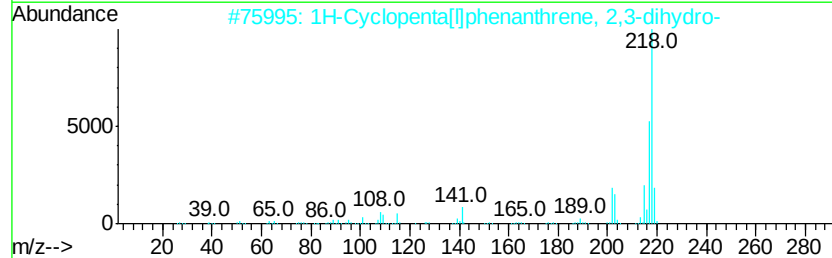
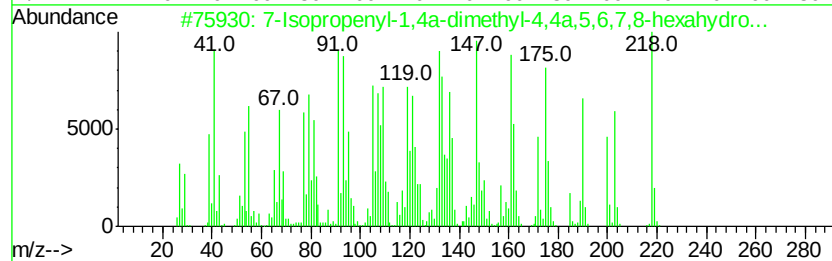
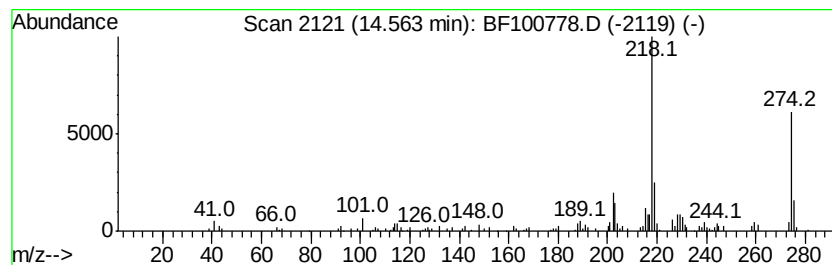
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.47 ng	60342	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	93
2		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
3		Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	46
4		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	43
5		Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	43



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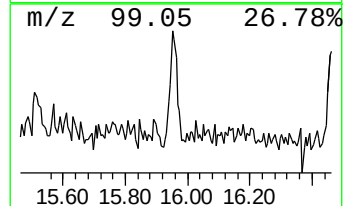
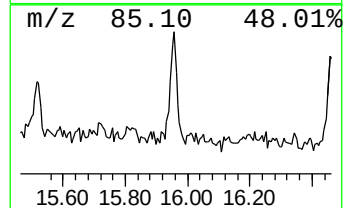
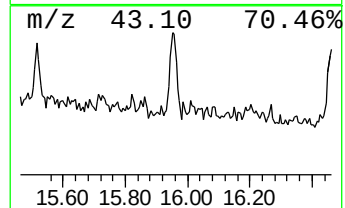
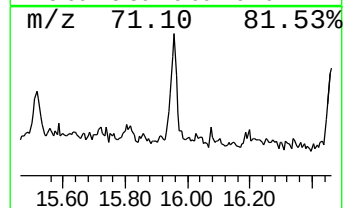
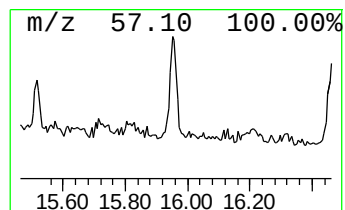
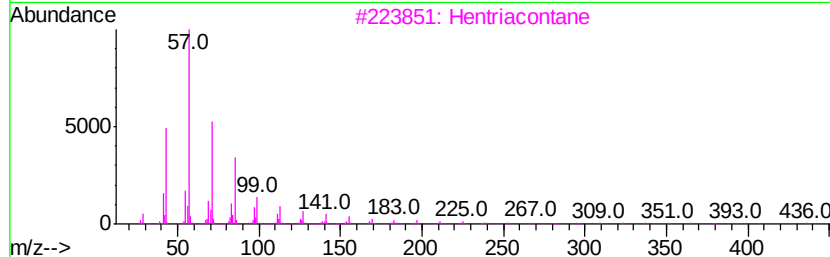
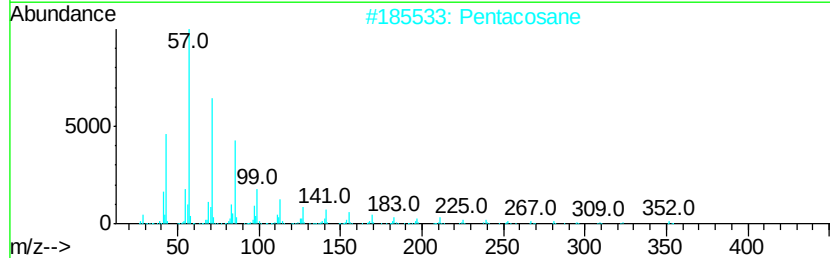
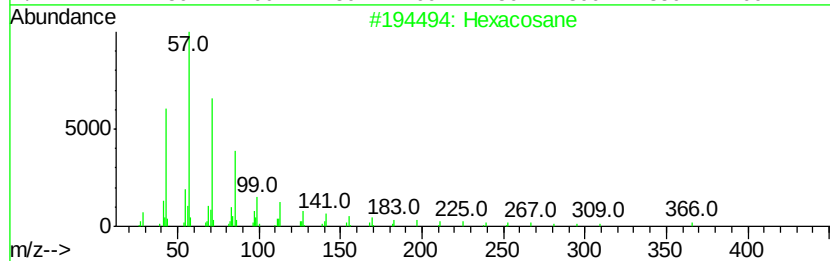
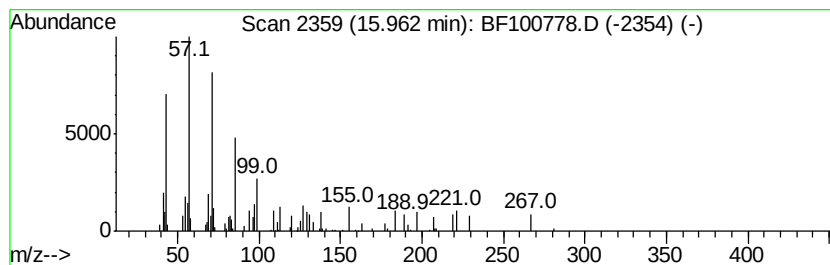
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.23 ng	54155	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	86
2	Pentacosane		352	C25H52	000629-99-2	86
3	Hentriacontane		437	C31H64	000630-04-6	86
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	80
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	78



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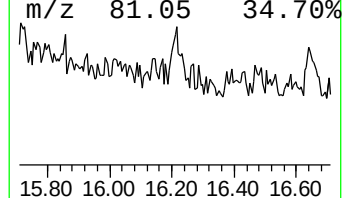
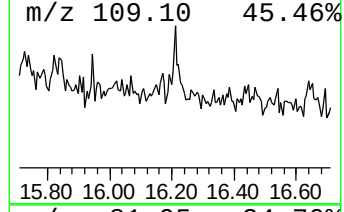
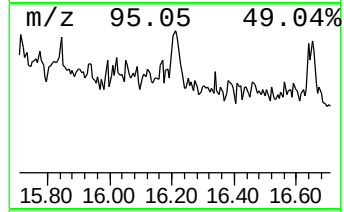
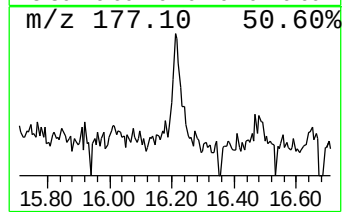
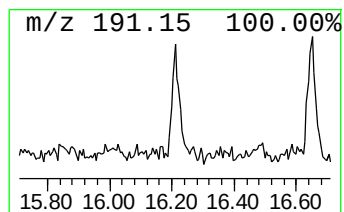
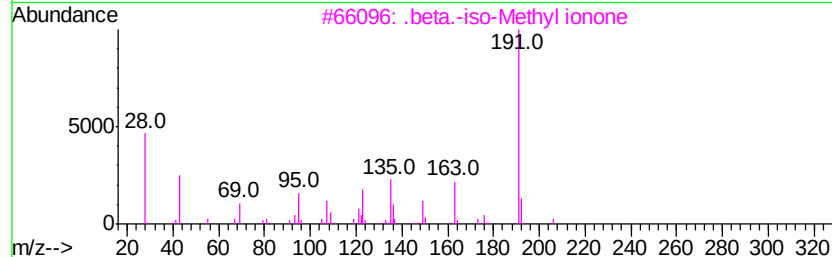
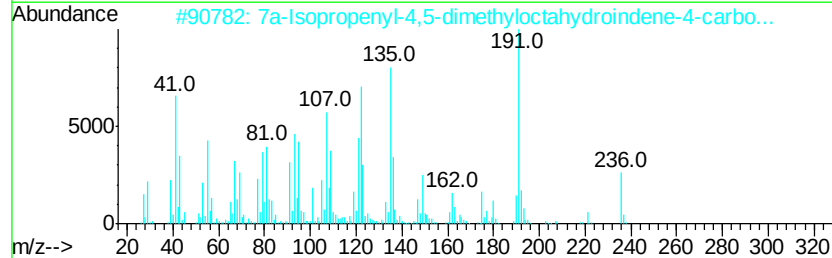
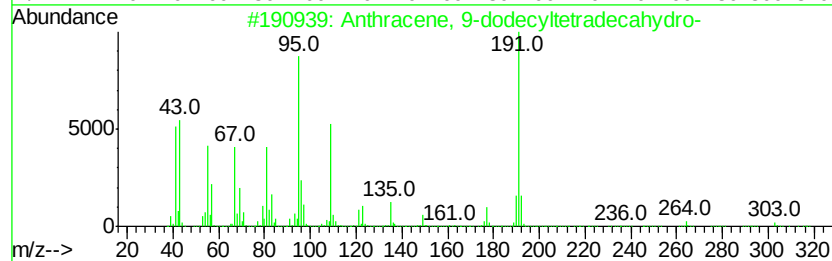
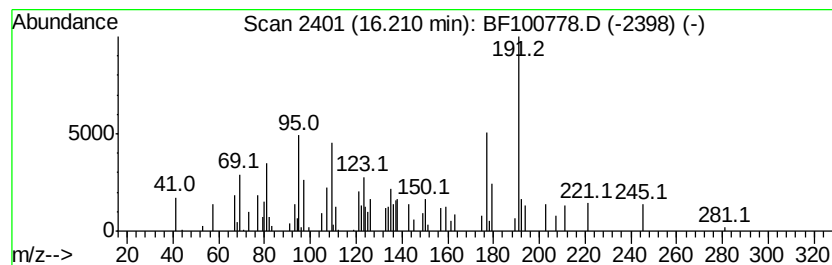
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown16.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.49 ng	60390	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	47
2		7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	40
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4		Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	35
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25



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ClientSampled :
HL-4A

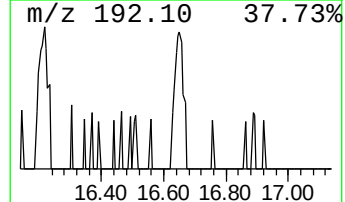
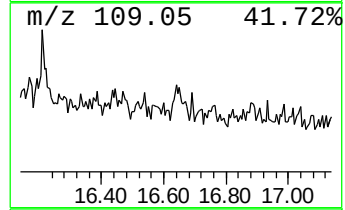
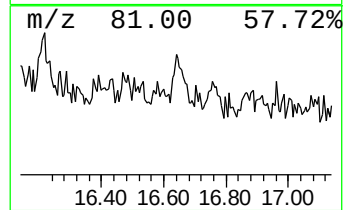
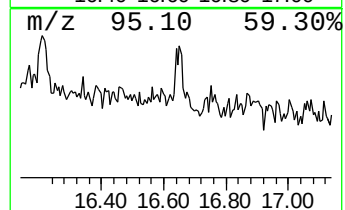
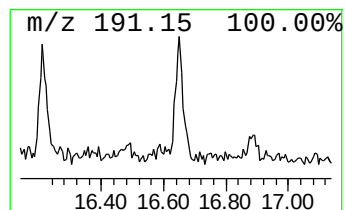
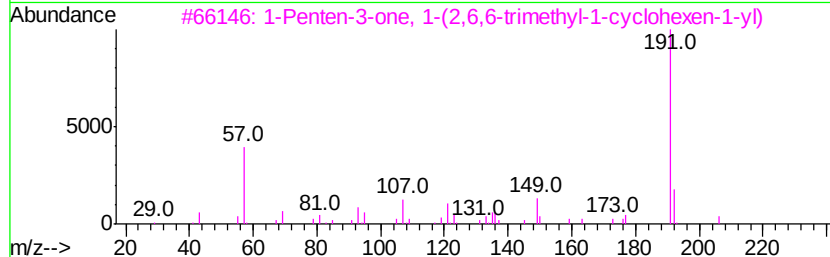
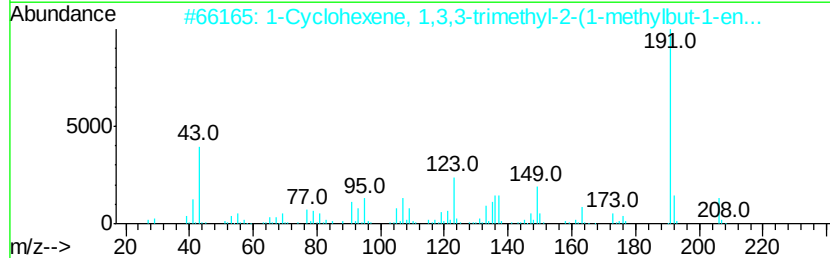
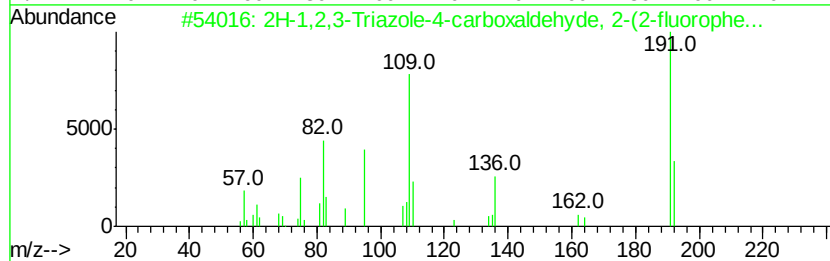
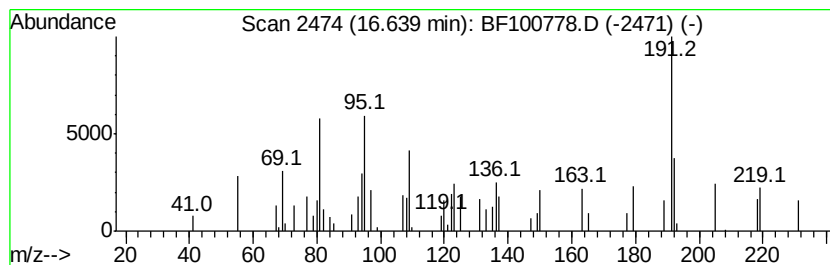
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown2.08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.08 ng	50521	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4		4(1H)-Pteridinone, 2-amino-6,7-d...	191	C8H9N5O	000611-55-2	32
5		N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100778.D
Acq On : 21 Nov 2017 14:17
Operator : SJ/JU
Sample : I6340-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-4A

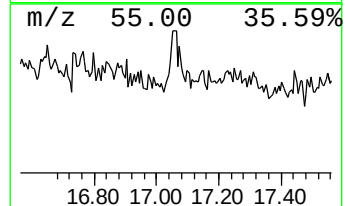
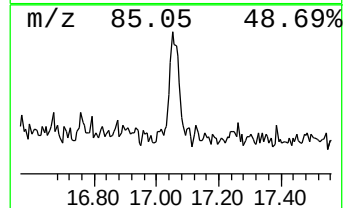
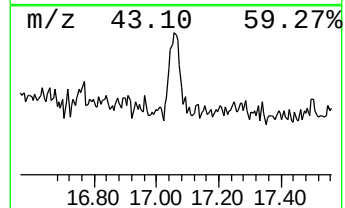
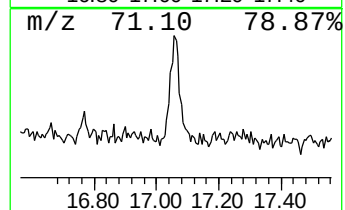
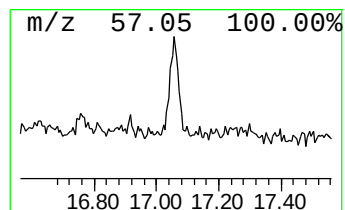
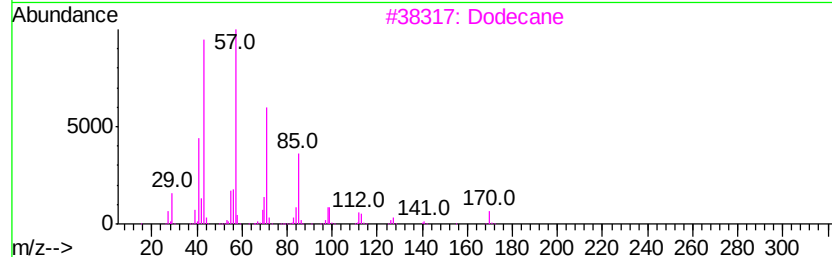
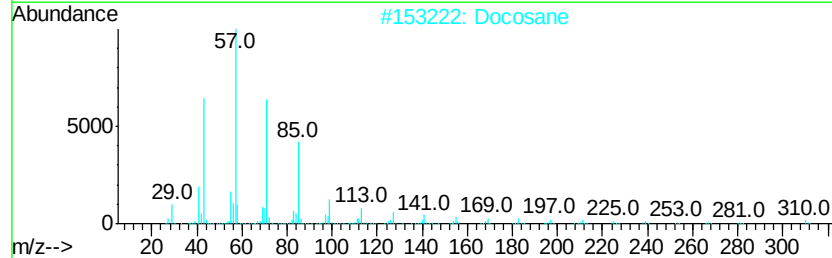
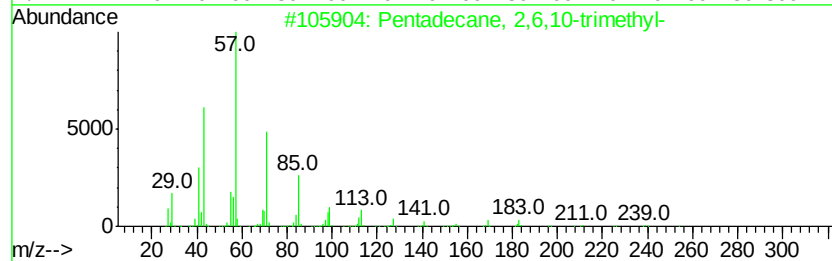
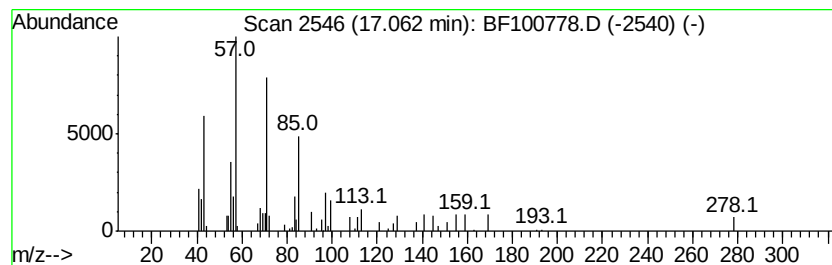
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.68 ng	65122	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		Docosane	310	C22H46	000629-97-0	72
3		Dodecane	170	C12H26	000112-40-3	64
4		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	53
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112117\
Data File : BF100778.D
Acq On : 21 Nov 2017 14:17
Operator : SJ/JU
Sample : I6340-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-4A

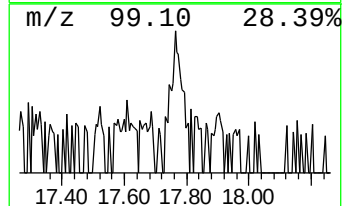
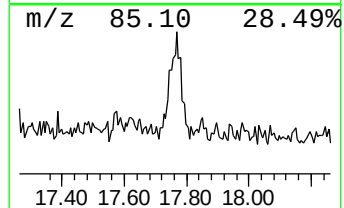
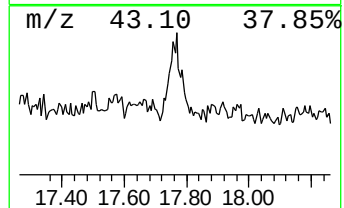
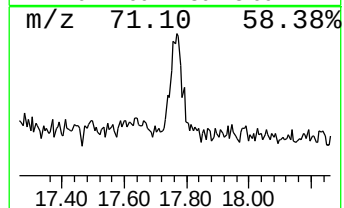
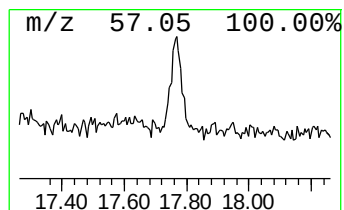
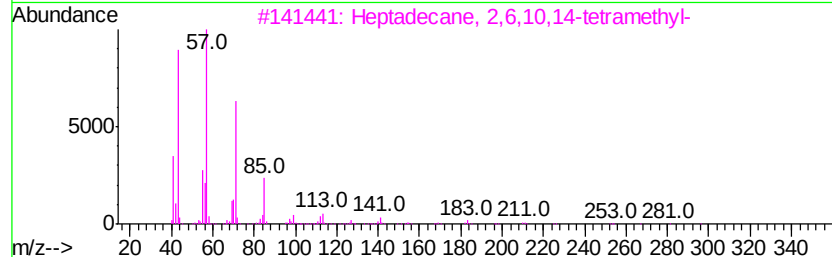
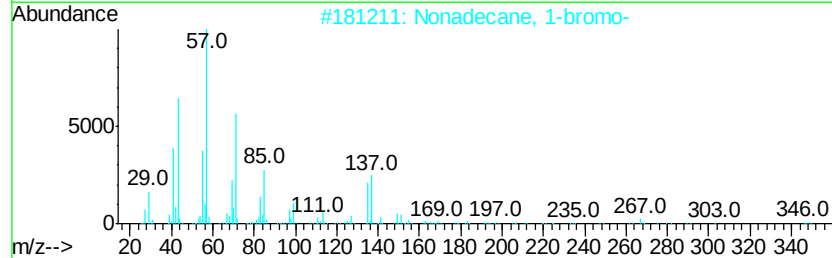
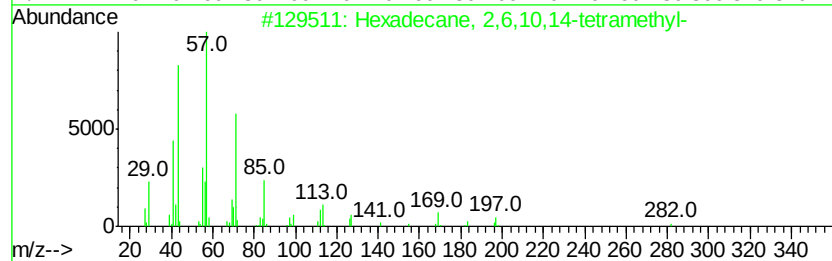
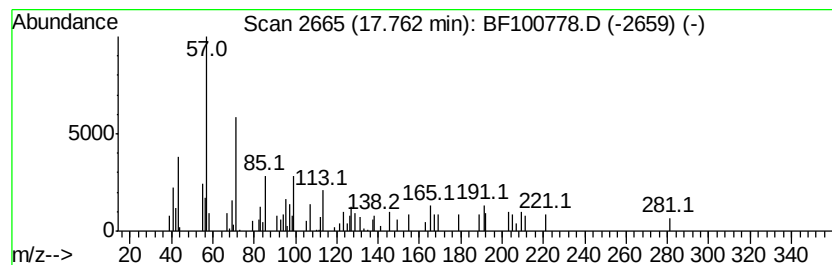
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.76 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	3.49 ng	84691	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
2			Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	35
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	35
4			Hexadecane	226	C16H34	000544-76-3	35
5			Octadecane	254	C18H38	000593-45-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112117\
Data File : BF100778.D
Acq On : 21 Nov 2017 14:17
Operator : SJ/JU
Sample : I6340-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-4A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.10	14.1	ng	309094	1	6.87	437402	20.0
unknown6.64	6.64	83.0	ng	1816340	1	6.87	437402	20.0
7-Isopropenyl-1,4...	14.56	2.5	ng	60342	5	14.03	487908	20.0
Hexacosane	15.96	2.2	ng	54155	6	15.50	485209	20.0
unknown16.21	16.21	2.5	ng	60390	6	15.50	485209	20.0
unknown2.08	16.64	2.1	ng	50521	6	15.50	485209	20.0
Pentadecane, 2,6,...	17.06	2.7	ng	65122	6	15.50	485209	20.0
unknown17.76	17.76	3.5	ng	84691	6	15.50	485209	20.0