

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116046.D
 Acq On : 7 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4154-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-6

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-BF073019.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	2.146	3	10	28	rVB	975719	1320703	35.49%	3.508%
2	5.475	571	576	603	rBV	3135346	3337706	89.69%	8.865%
3	6.481	742	747	750	rBV	3020009	3395910	91.26%	9.019%
4	6.616	766	770	774	rBV	3571197	3513076	94.41%	9.331%
5	6.839	805	808	818	rBV	883369	835681	22.46%	2.220%
6	6.998	831	835	849	rBV	2842378	2659821	71.48%	7.064%
7	7.404	899	904	919	rBV	2119720	2254402	60.58%	5.988%
8	7.510	919	922	935	rVB	21583	48166	1.29%	0.128%
9	8.122	1022	1026	1047	rVB	1103593	1084841	29.15%	2.881%
10	9.198	1204	1209	1212	rBV	3886516	3721262	100.00%	9.884%
11	9.316	1224	1229	1238	rVB2	75542	102609	2.76%	0.273%
12	9.592	1271	1276	1285	rBV	559235	611518	16.43%	1.624%
13	9.875	1320	1324	1336	rVB	1423210	1299322	34.92%	3.451%
14	10.669	1454	1459	1475	rBV	1769505	2012733	54.09%	5.346%
15	11.363	1573	1577	1580	rBV	1415855	1321517	35.51%	3.510%
16	11.386	1580	1581	1585	rVB	137345	84242	2.26%	0.224%
17	11.598	1609	1617	1625	rBV3	72802	181471	4.88%	0.482%
18	11.869	1659	1663	1664	rBV	38523	41829	1.12%	0.111%
19	11.892	1664	1667	1674	rVB3	82496	142309	3.82%	0.378%
20	12.580	1780	1784	1789	rBV	162770	183878	4.94%	0.488%
21	12.669	1795	1799	1812	rBV2	185429	319327	8.58%	0.848%
22	12.810	1817	1823	1829	rVB	160532	211346	5.68%	0.561%
23	12.945	1841	1846	1849	rBV	3758192	3523309	94.68%	9.358%
24	13.704	1972	1975	1977	rBV	42552	42332	1.14%	0.112%
25	13.757	1982	1984	1991	rVB4	47714	61651	1.66%	0.164%
26	13.845	1991	1999	2000	rBV4	85304	126426	3.40%	0.336%
27	14.004	2022	2026	2036	rVB	907306	995335	26.75%	2.644%
28	14.151	2048	2051	2055	rBV	84240	90290	2.43%	0.240%
29	14.457	2099	2103	2107	rBV	213000	212662	5.71%	0.565%
30	14.533	2112	2116	2122	rVB	130627	143453	3.85%	0.381%
31	14.762	2150	2155	2162	rBV	380435	404332	10.87%	1.074%
32	14.833	2164	2167	2173	rVB	53851	61398	1.65%	0.163%
33	15.051	2200	2204	2206	rBV	39677	56189	1.51%	0.149%
34	15.092	2206	2211	2219	rVB	517853	650707	17.49%	1.728%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-6

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	15.345	2251	2254	2261	rVB	40884	60935	1.64%	0.162%
36	15.468	2269	2275	2288	rBV	1014656	1446868	38.88%	3.843%
37	15.898	2342	2348	2358	rBV	325954	534021	14.35%	1.418%
38	16.392	2426	2432	2441	rVB	148872	274236	7.37%	0.728%
39	16.974	2523	2531	2541	rVB3	56138	131659	3.54%	0.350%
40	18.027	2704	2710	2720	rVB5	59549	151626	4.07%	0.403%

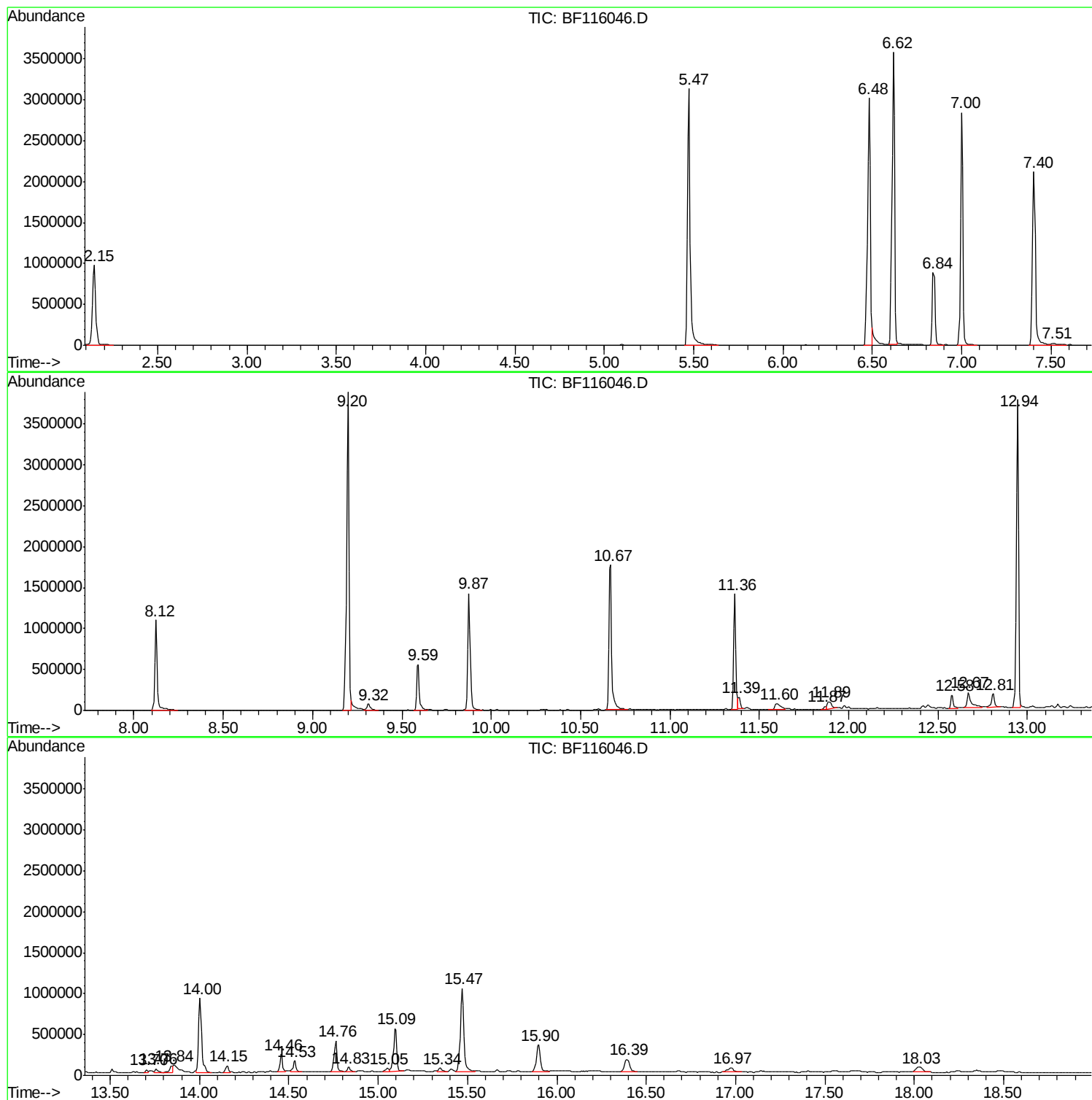
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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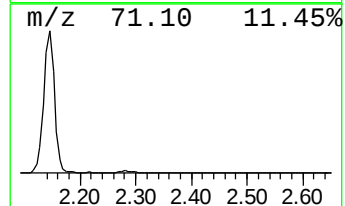
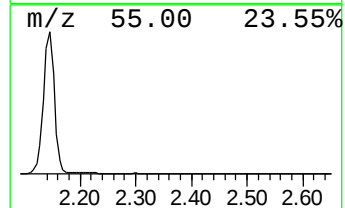
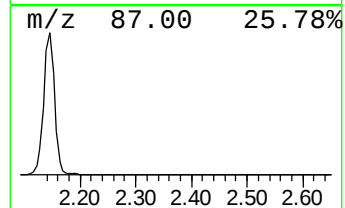
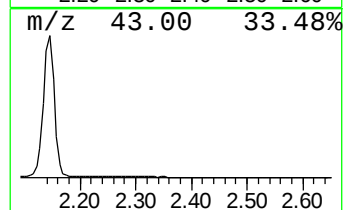
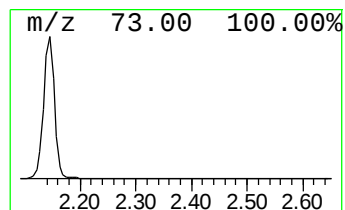
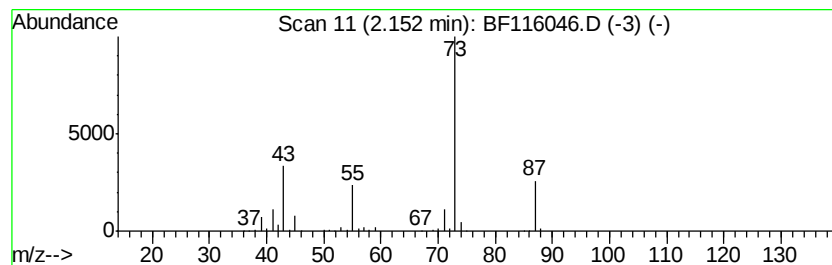
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	31.61 ng	1320700	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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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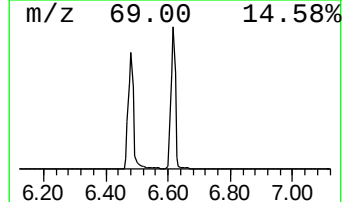
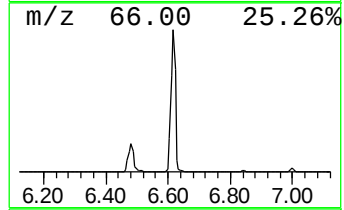
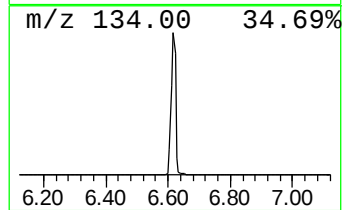
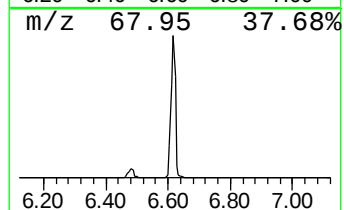
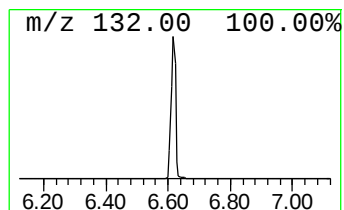
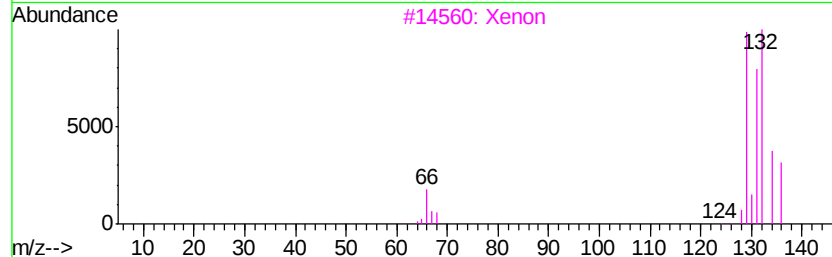
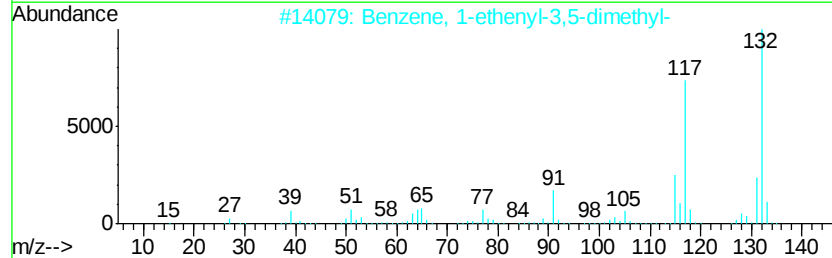
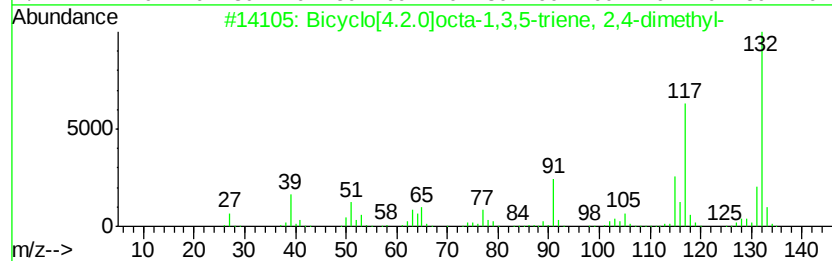
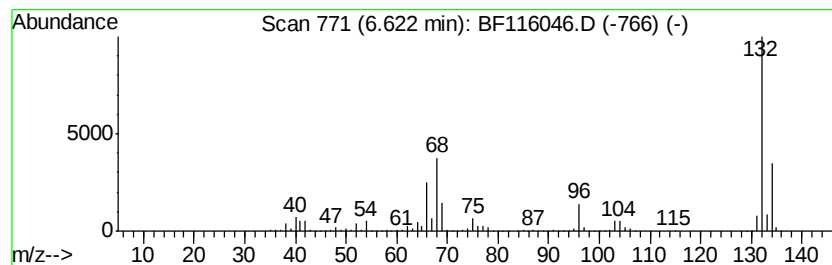
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	84.08 ng	3513080	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
3		Xenon	132	Xe	007440-63-3	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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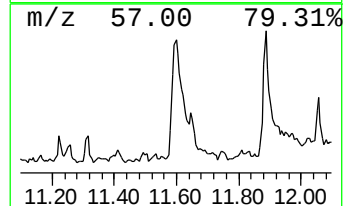
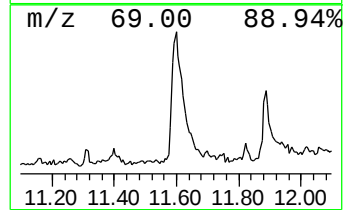
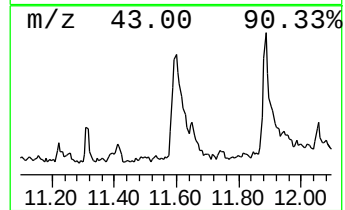
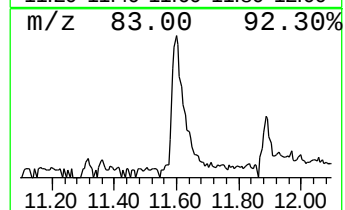
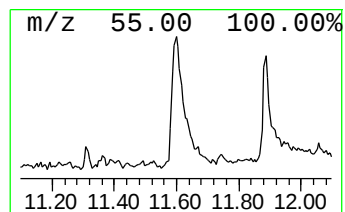
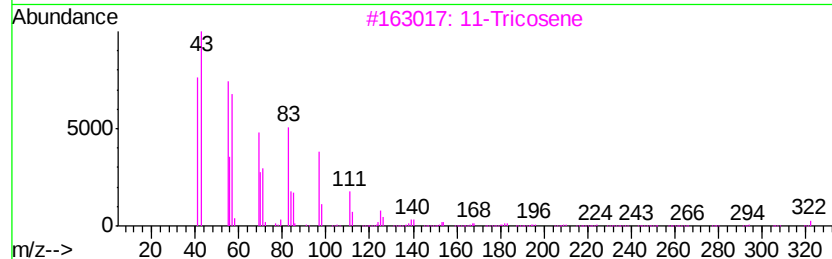
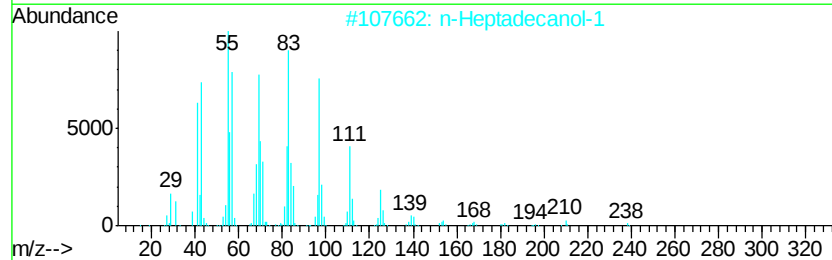
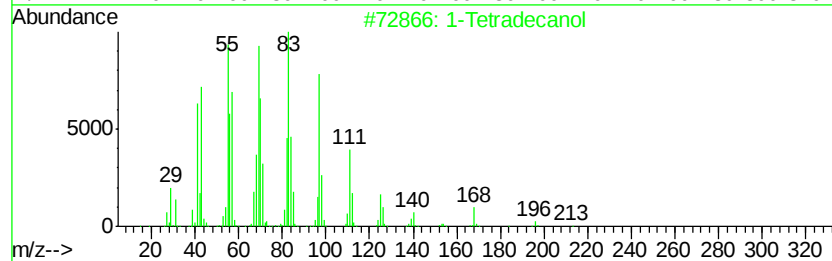
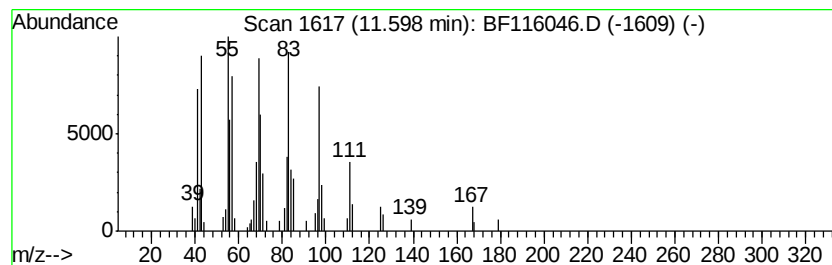
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Tetradecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.75 ng	181471	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol		214	C14H30O	000112-72-1	91
2	n-Heptadecanol-1		256	C17H36O	001454-85-9	91
3	11-Tricosene		322	C23H46	052078-56-5	91
4	1-Nonadecene		266	C19H38	018435-45-5	91
5	9-Eicosene, (E)-		280	C20H40	074685-29-3	91



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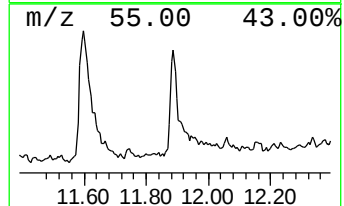
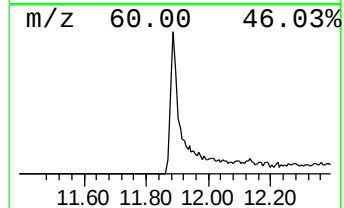
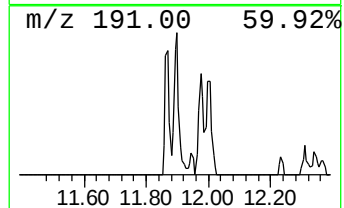
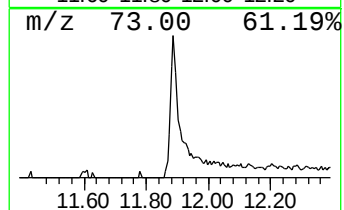
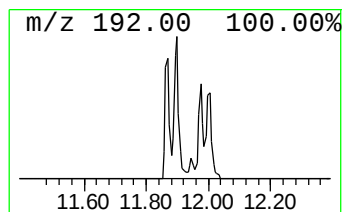
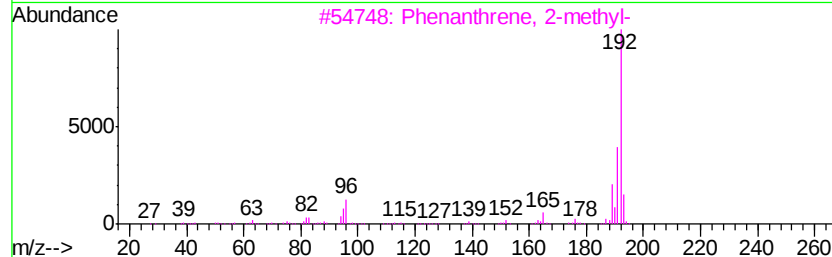
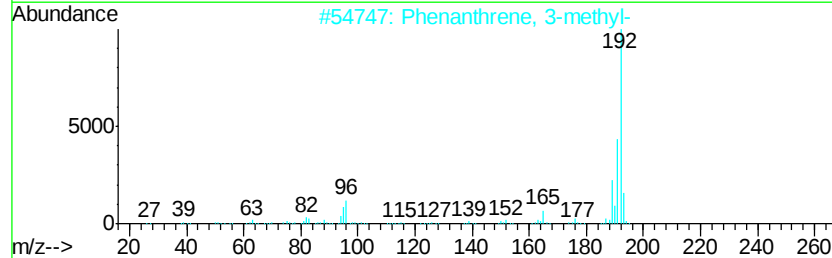
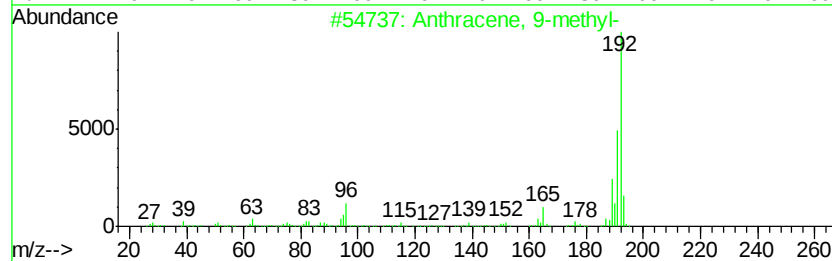
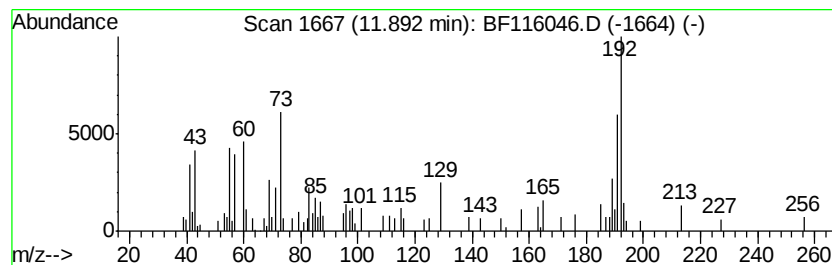
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.15 ng	142309	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	60
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
4		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	53



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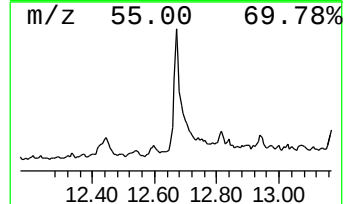
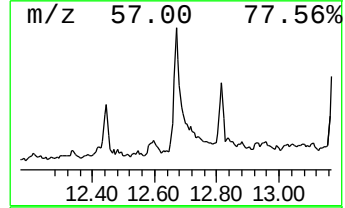
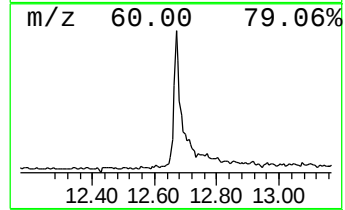
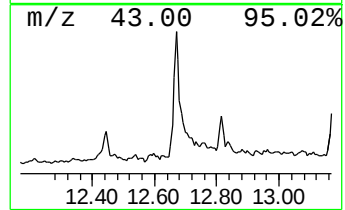
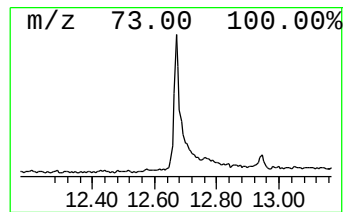
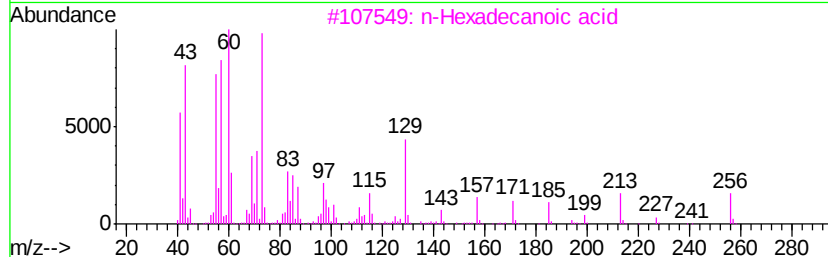
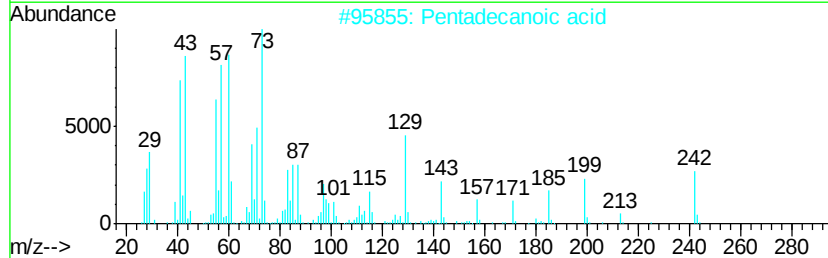
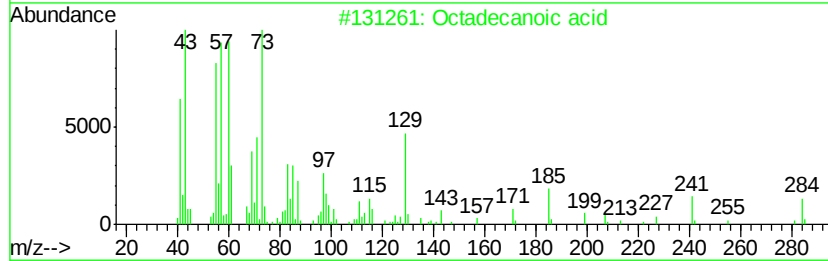
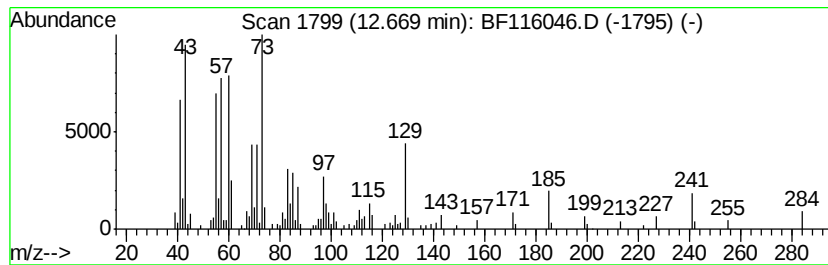
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.83 ng	319327	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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ClientSampleId :
PS-6

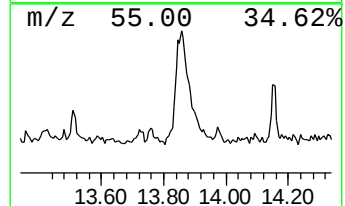
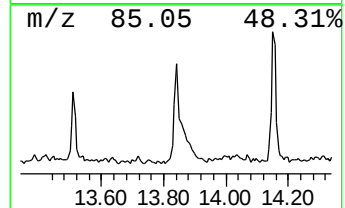
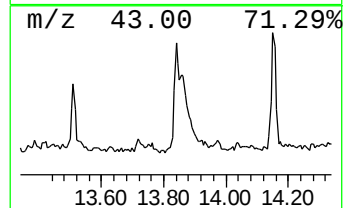
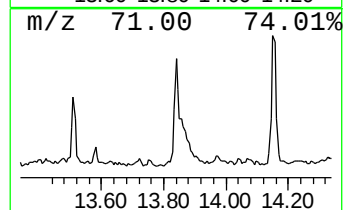
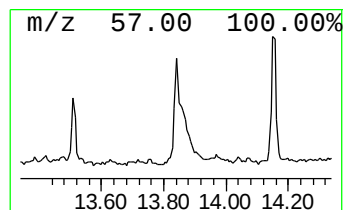
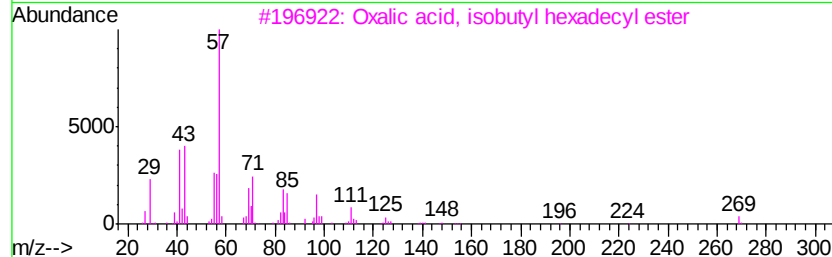
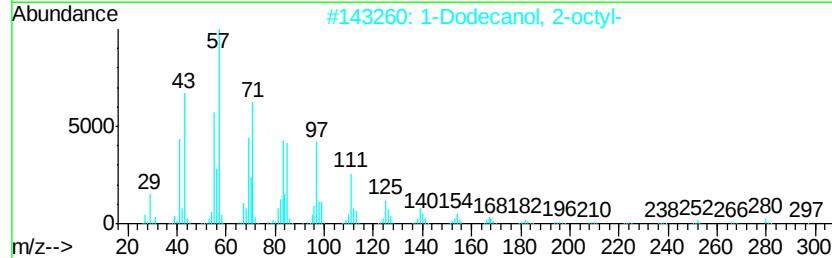
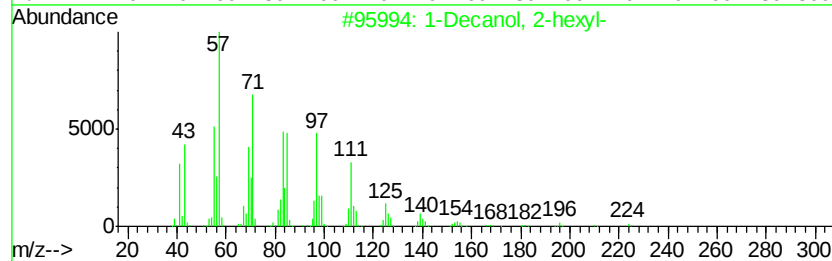
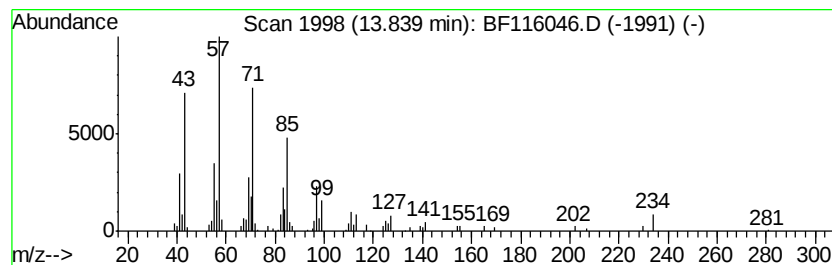
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.54 ng	126426	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116046.D
 Acq On : 7 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4154-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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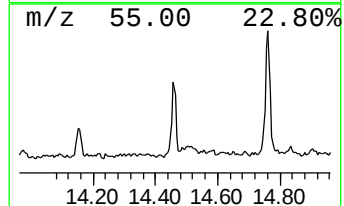
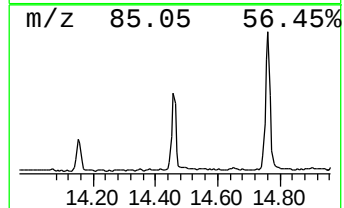
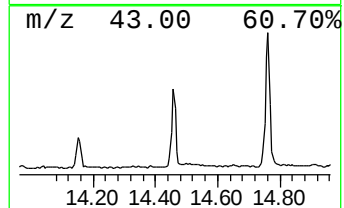
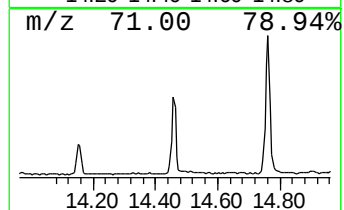
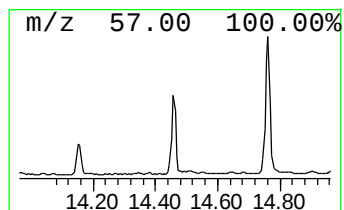
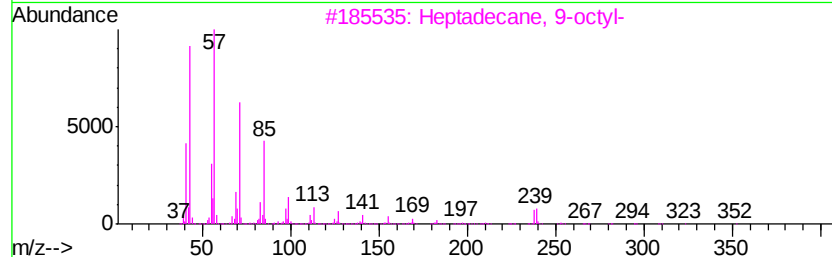
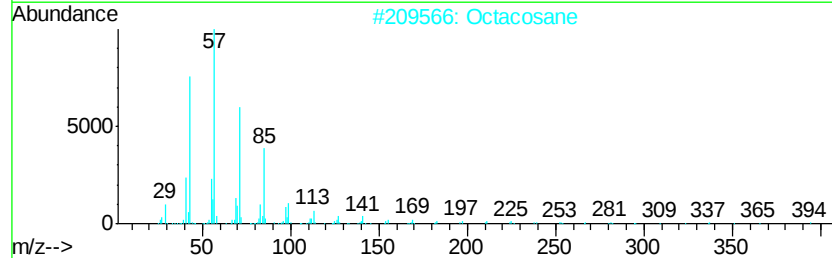
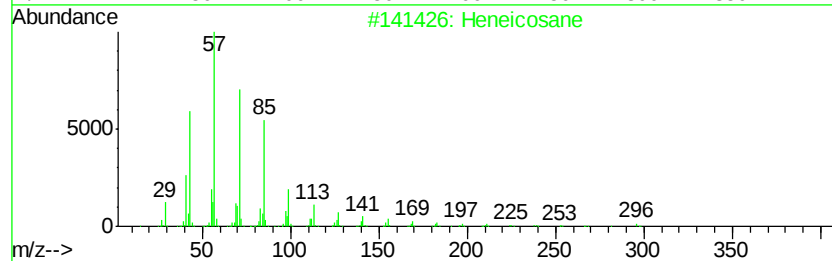
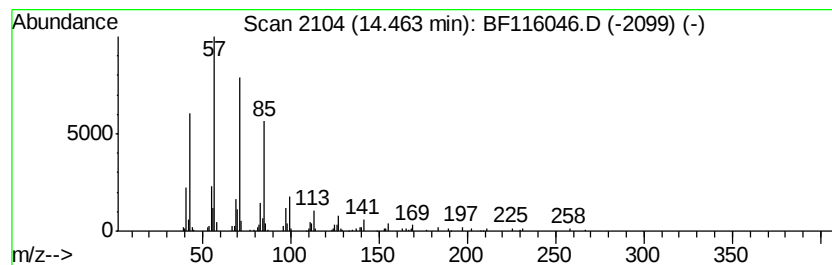
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.27 ng	212662	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116046.D
Acq On : 7 Aug 2019 13:14
Operator : HP/JU
Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-6

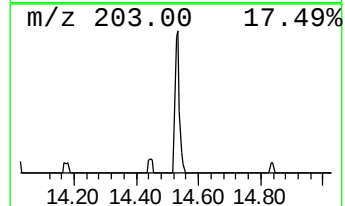
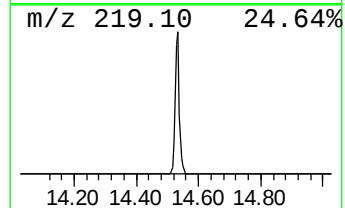
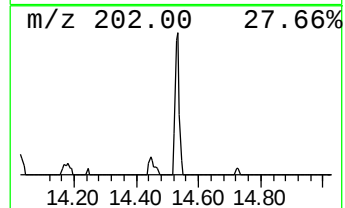
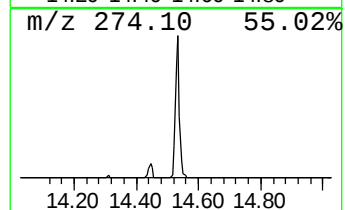
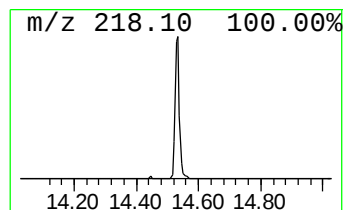
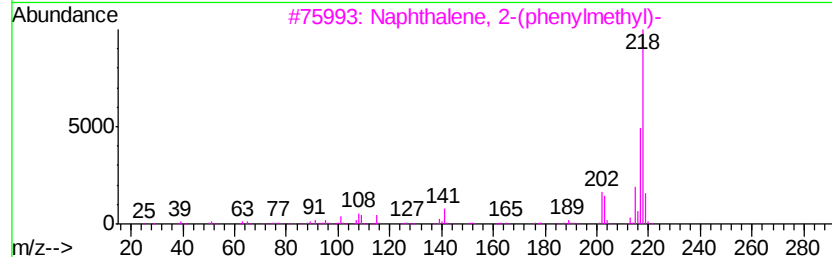
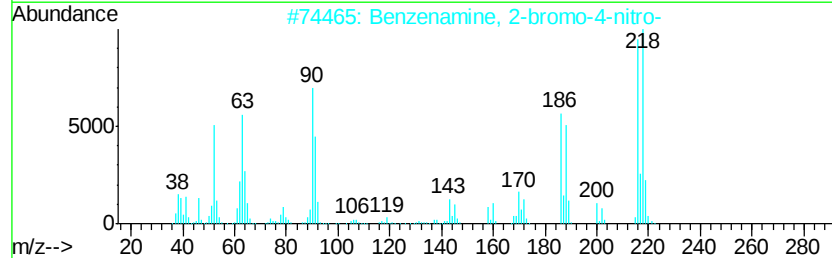
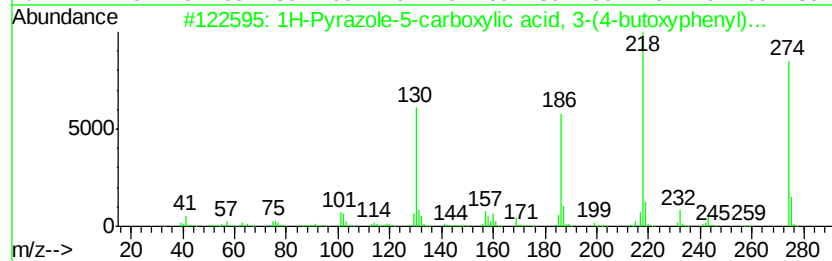
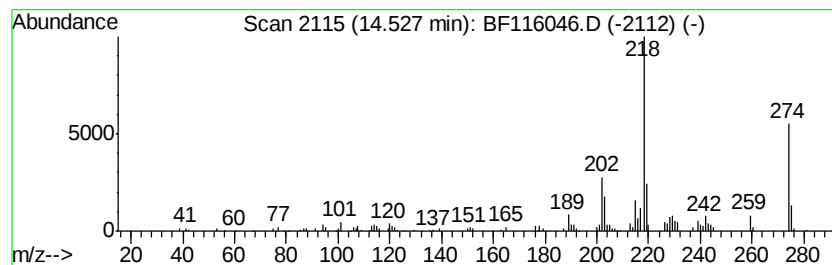
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Pyrazole-5-carboxylic ac... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.88 ng	143453	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Pyrazole-5-carboxylic acid, 3...	274	C15H18N2O3	1000319-72-5	53
2		Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	46
3		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	43
4		Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	42
5		2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116046.D
Acq On : 7 Aug 2019 13:14
Operator : HP/JU
Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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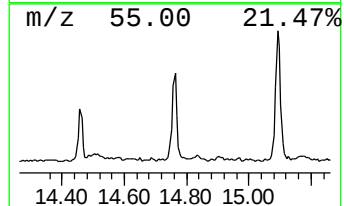
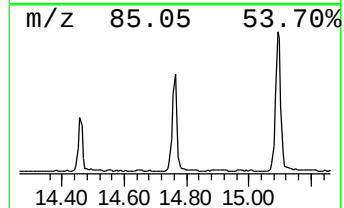
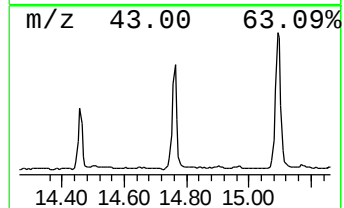
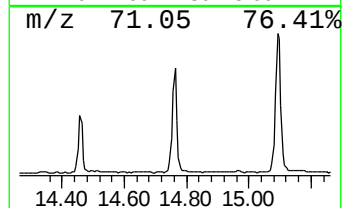
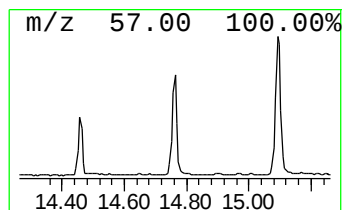
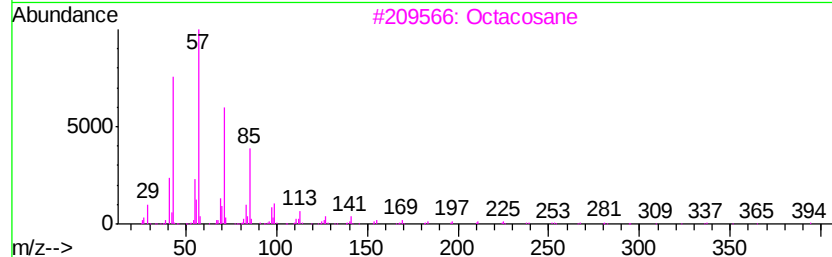
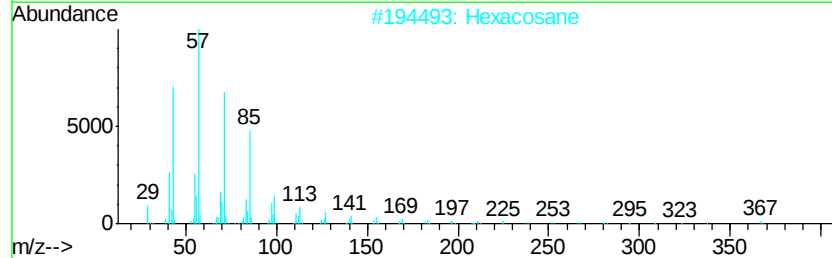
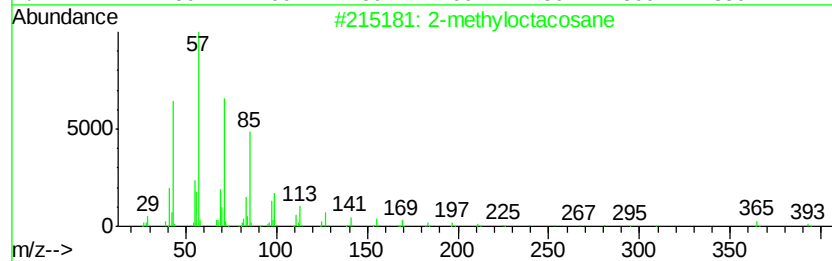
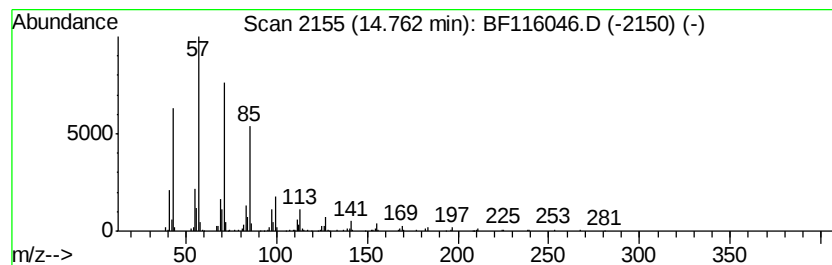
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.59 ng	404332	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116046.D
Acq On : 7 Aug 2019 13:14
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Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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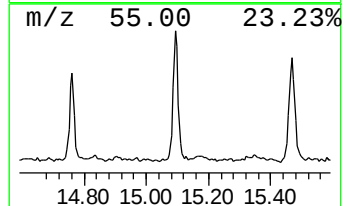
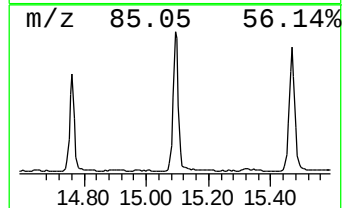
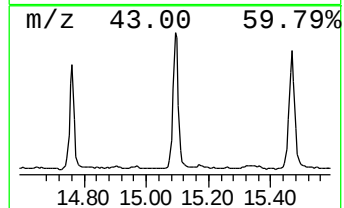
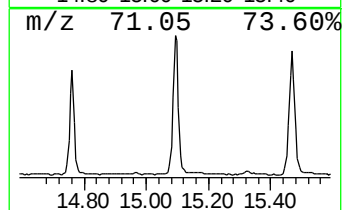
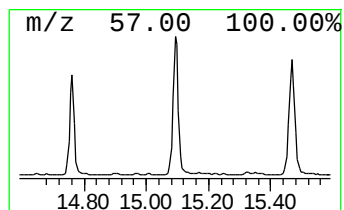
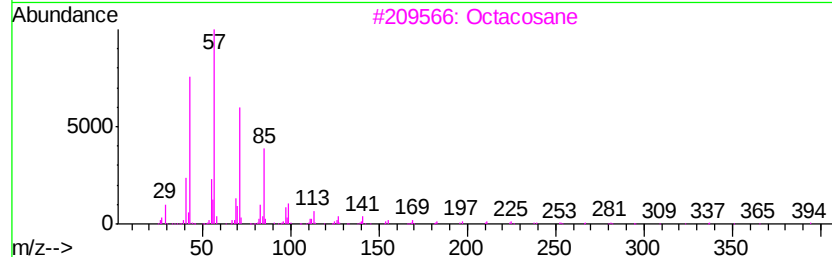
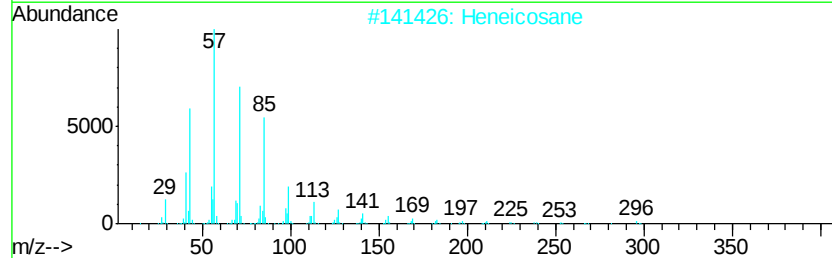
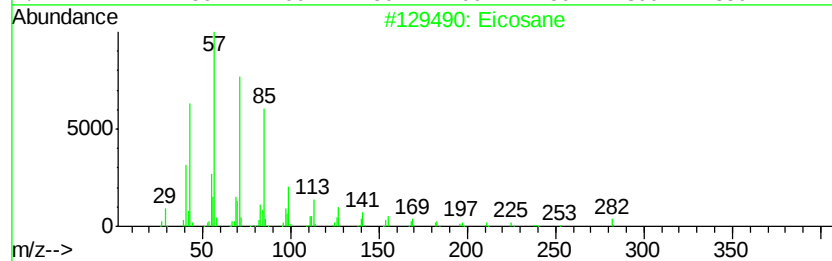
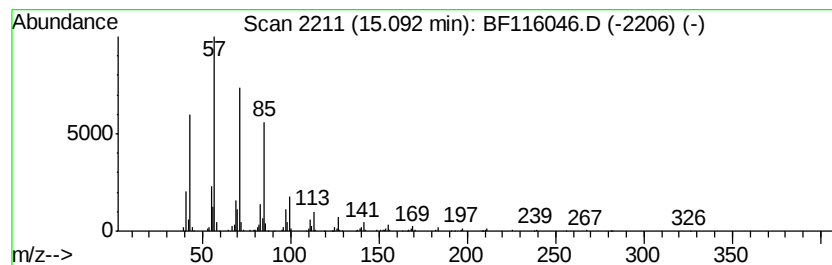
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	8.99 ng	650707	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116046.D
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Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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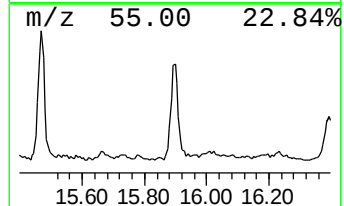
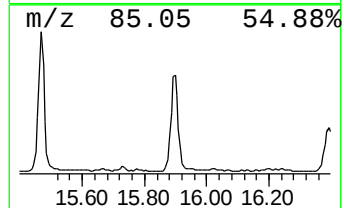
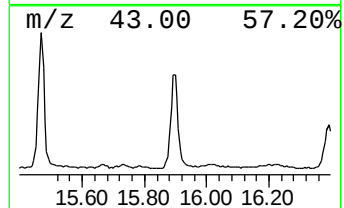
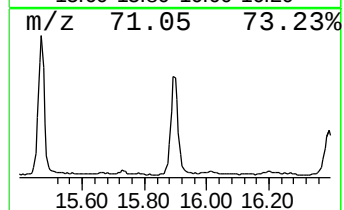
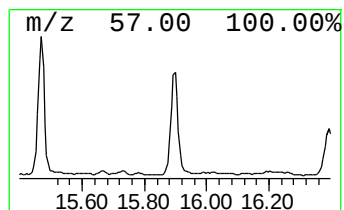
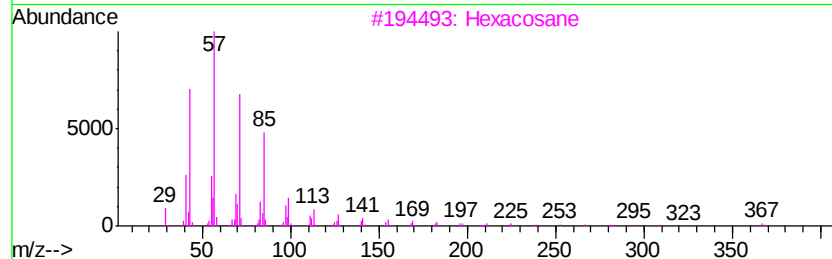
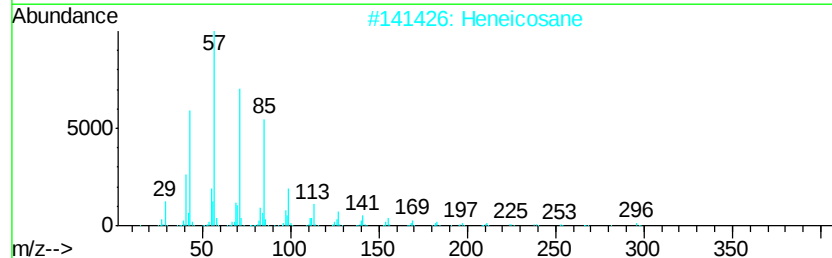
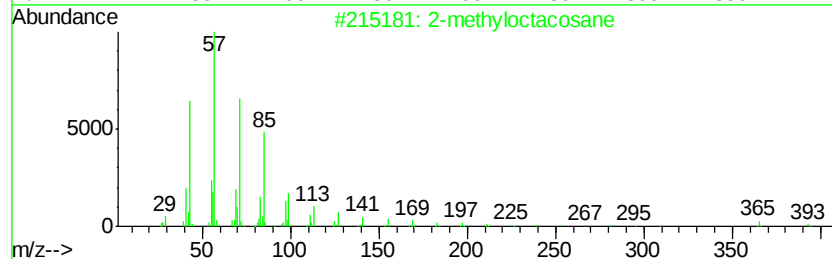
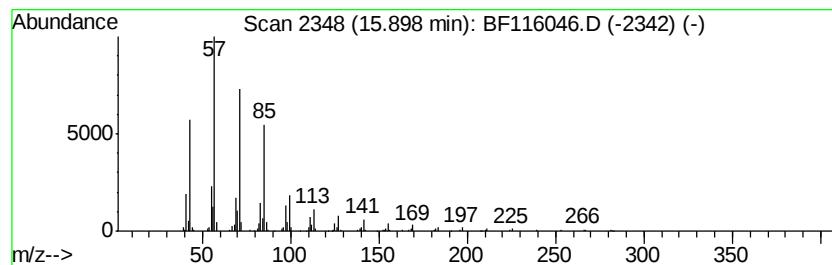
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.38 ng	534021	Perylene-d12	15.47

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		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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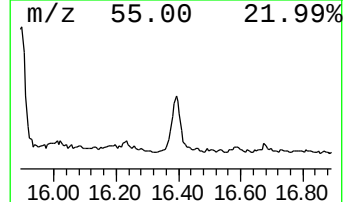
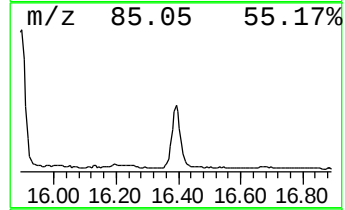
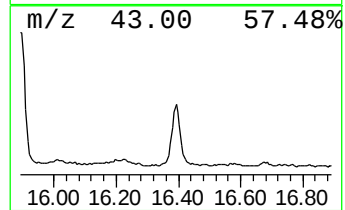
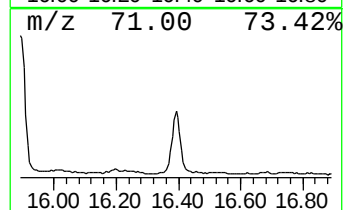
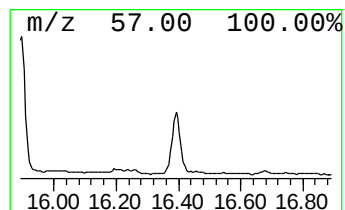
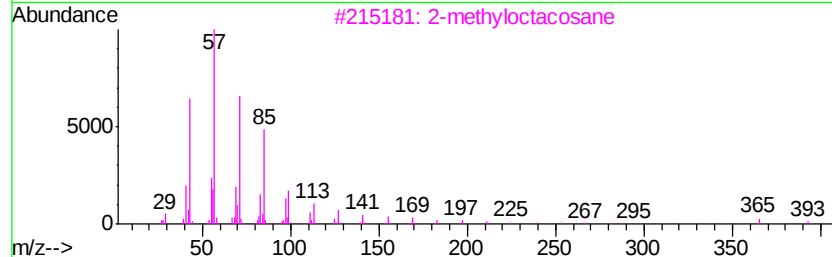
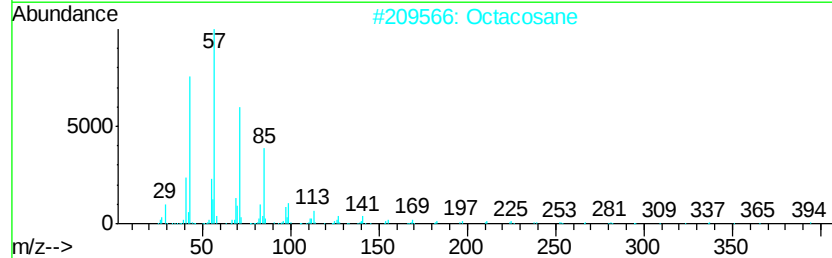
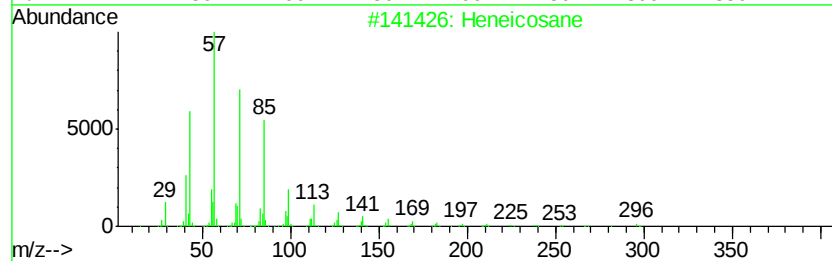
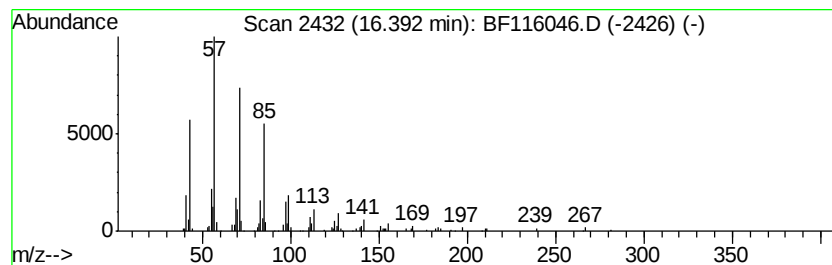
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.79 ng	274236	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116046.D
Acq On : 7 Aug 2019 13:14
Operator : HP/JU
Sample : K4154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-6

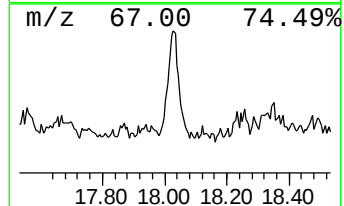
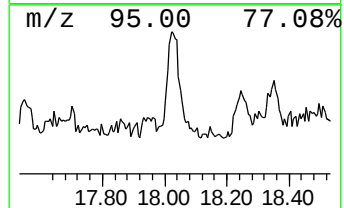
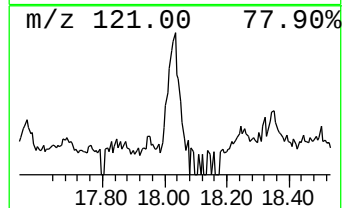
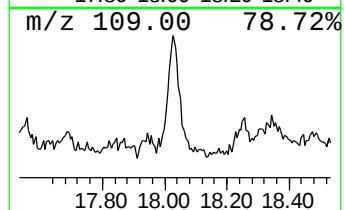
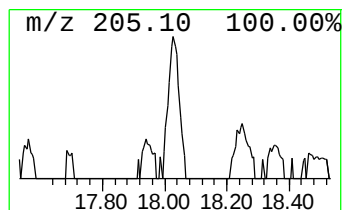
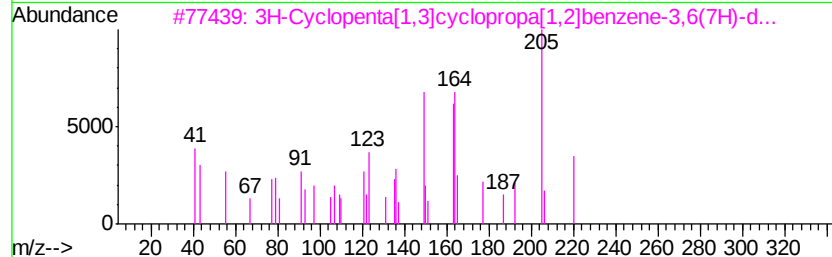
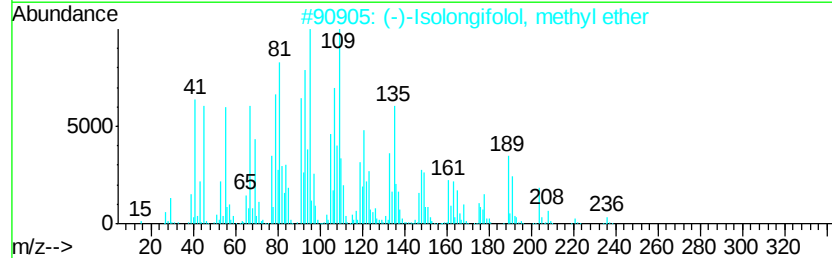
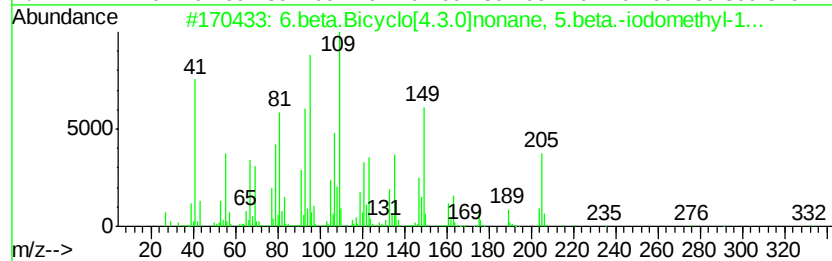
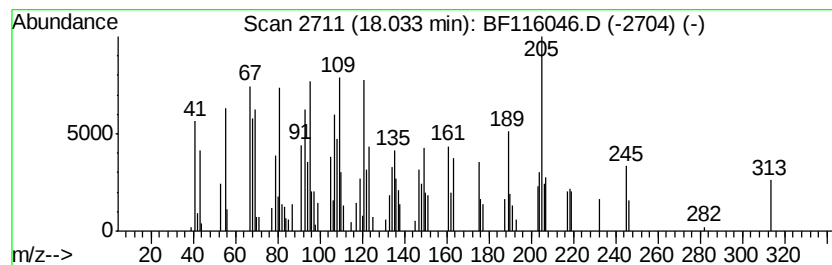
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.10 ng	151626	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6	beta	Bicvclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	43
2	(-)	-	Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	35
3	3H	-	Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	27
4	9	-	Borabicyclo[3.3.1]nonan-9-amin...	205	C13H24BN	143122-94-5	25
5	Aciphyllene			204	C15H24	087745-31-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
 Data File : BF116046.D
 Acq On : 7 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4154-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.15	31.6	ng	1320700	1	6.85	835681	20.0
unknown6.62	6.62	84.1	ng	3513080	1	6.85	835681	20.0
1-Tetradecanol	11.60	2.8	ng	181471	4	11.36	1321520	20.0
Anthracene, 9-met...	11.89	2.1	ng	142309	4	11.36	1321520	20.0
Octadecanoic acid	12.67	4.8	ng	319327	4	11.36	1321520	20.0
1-Decanol, 2-hexyl-	13.84	2.5	ng	126426	5	14.00	995335	20.0
Heneicosane	14.46	4.3	ng	212662	5	14.00	995335	20.0
1H-Pyrazole-5-car...	14.53	2.9	ng	143453	5	14.00	995335	20.0
2-methyloctacosane	14.76	5.6	ng	404332	6	15.47	1446870	20.0
Eicosane	15.09	9.0	ng	650707	6	15.47	1446870	20.0
Hexacosane	15.90	7.4	ng	534021	6	15.47	1446870	20.0
Heptacosane	16.39	3.8	ng	274236	6	15.47	1446870	20.0
unknown18.03	18.03	2.1	ng	151626	6	15.47	1446870	20.0