

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117039.D
 Acq On : 13 Sep 2019 22:51
 Operator : HP/JU
 Sample : K4852-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

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-BF091319.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	5.028	497	500	510	rVB	16976	20897	1.41%	0.155%
2	5.440	566	570	586	rBV	1159734	1108204	74.82%	8.210%
3	6.451	738	742	762	rBV	1283134	1306625	88.21%	9.680%
4	6.592	762	766	769	rBV	1450893	1270108	85.75%	9.409%
5	6.822	801	805	817	rBV	425156	365498	24.68%	2.708%
6	6.975	828	831	848	rBV	933378	926009	62.52%	6.860%
7	7.381	896	900	917	rBV	758820	764492	51.61%	5.664%
8	8.104	1019	1023	1045	rBV	411116	482479	32.57%	3.574%
9	9.175	1201	1205	1220	rBV	1467973	1440463	97.25%	10.671%
10	9.292	1221	1225	1236	rVB	60140	68715	4.64%	0.509%
11	9.563	1268	1271	1283	rVB	105709	115671	7.81%	0.857%
12	9.851	1316	1320	1336	rBV	629796	570826	38.54%	4.229%
13	10.433	1416	1419	1427	rBB	18423	20685	1.40%	0.153%
14	10.639	1449	1454	1470	rBV	820635	917467	61.94%	6.797%
15	11.333	1568	1572	1583	rBV	552932	576661	38.93%	4.272%
16	11.857	1653	1661	1669	rBV3	37138	56506	3.81%	0.419%
17	12.368	1745	1748	1755	rBV	163946	257727	17.40%	1.909%
18	12.545	1774	1778	1780	rBV	51361	49861	3.37%	0.369%
19	12.569	1780	1782	1785	rVB	47677	40762	2.75%	0.302%
20	12.768	1810	1816	1821	rBV	48964	67186	4.54%	0.498%
21	12.910	1836	1840	1848	rBV	1576026	1481217	100.00%	10.973%
22	13.139	1874	1879	1882	rBV2	35718	49064	3.31%	0.363%
23	13.480	1933	1937	1940	rBV	25682	24853	1.68%	0.184%
24	13.757	1980	1984	1988	rBV3	13147	20375	1.38%	0.151%
25	13.810	1988	1993	2005	rBV4	83762	173183	11.69%	1.283%
26	13.963	2012	2019	2031	rVB	466396	544893	36.79%	4.037%
27	14.121	2042	2046	2050	rBV	33205	34414	2.32%	0.255%
28	14.427	2094	2098	2101	rBV	48192	42022	2.84%	0.311%
29	14.727	2144	2149	2153	rBV	51176	53035	3.58%	0.393%
30	14.998	2191	2195	2198	rBV2	18460	27375	1.85%	0.203%
31	15.057	2201	2205	2209	rVB	45784	50353	3.40%	0.373%
32	15.286	2239	2244	2248	rBV2	10588	15332	1.04%	0.114%
33	15.351	2251	2255	2260	rBV	14764	19504	1.32%	0.144%
34	15.409	2260	2265	2274	rBV	295503	440076	29.71%	3.260%

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ClientSampleId :
GIS-1(0.-2)

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.845	2333	2339	2345	rBV2	29703	47077	3.18%	0.349%
36	16.333	2416	2422	2429	rBV3	18611	31296	2.11%	0.232%
37	16.904	2514	2519	2526	rVB5	9240	17595	1.19%	0.130%

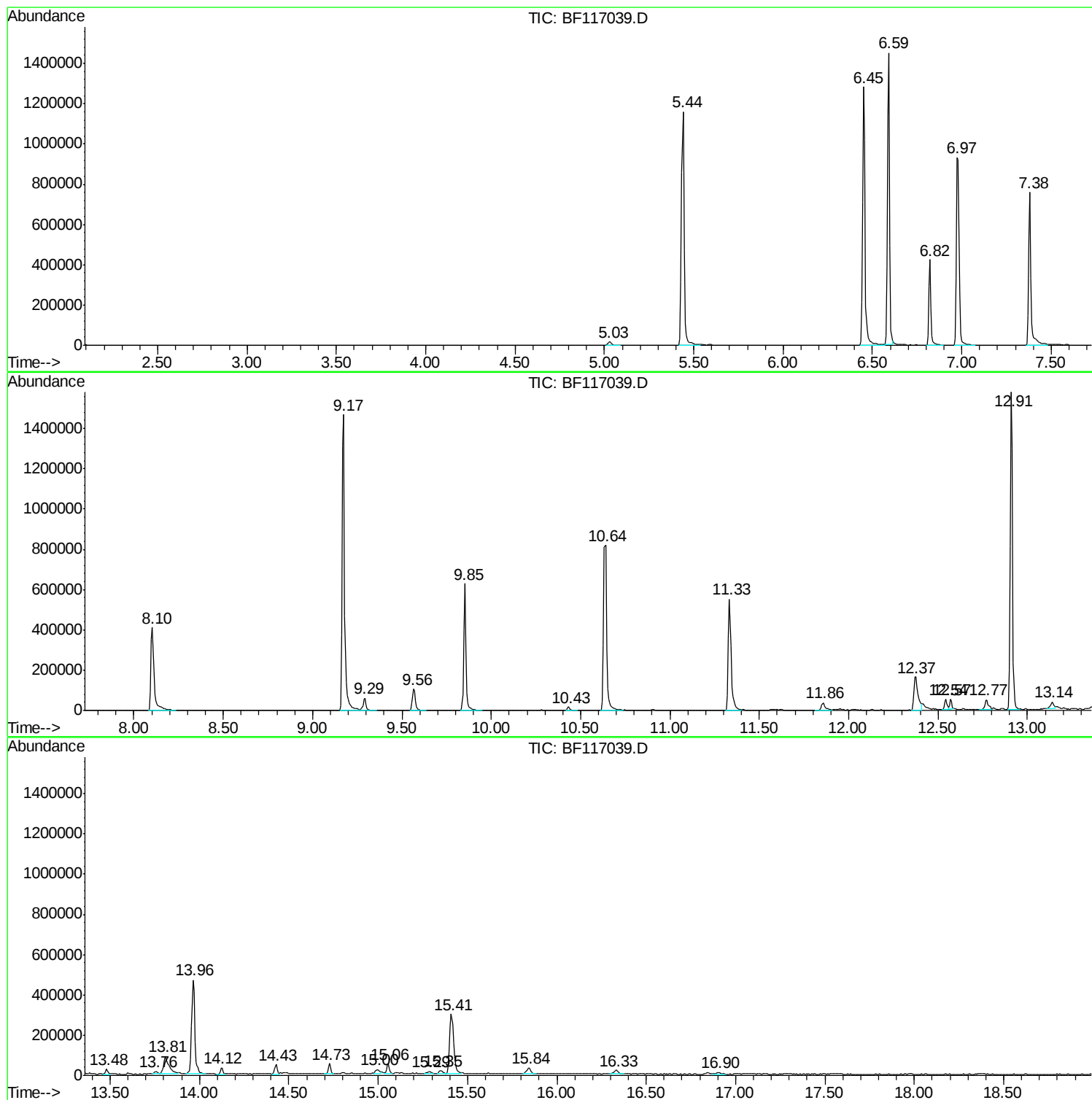
Sum of corrected areas: 13498506

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ClientSampled :
GIS-1(0.-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.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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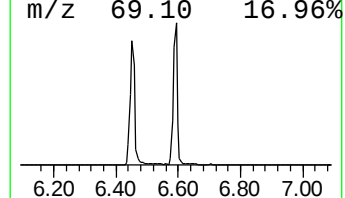
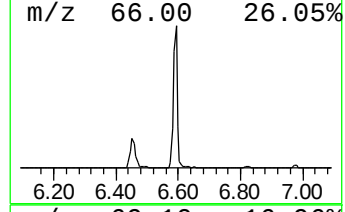
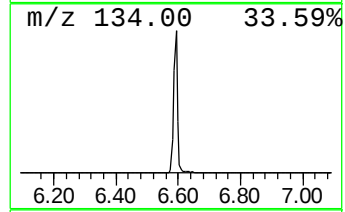
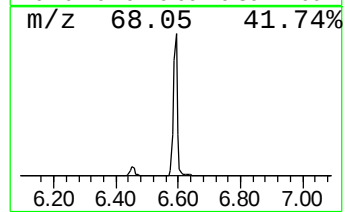
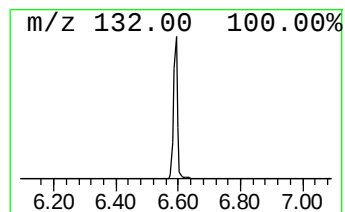
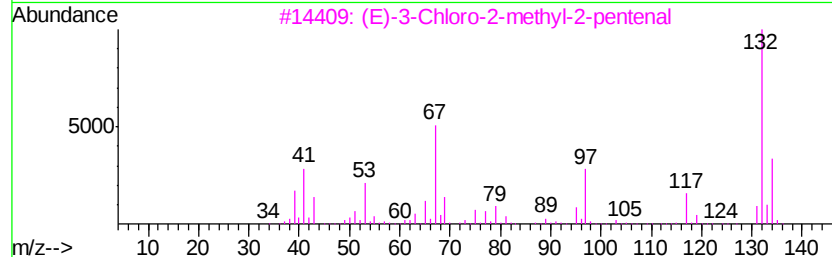
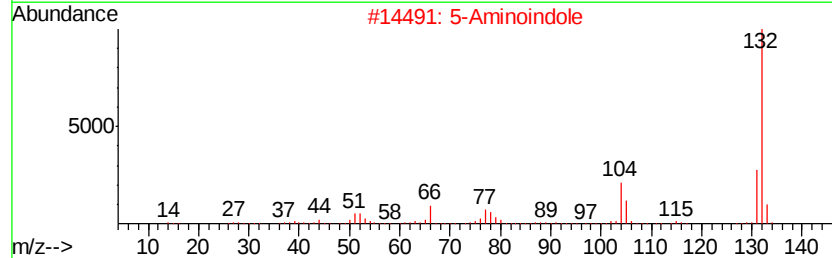
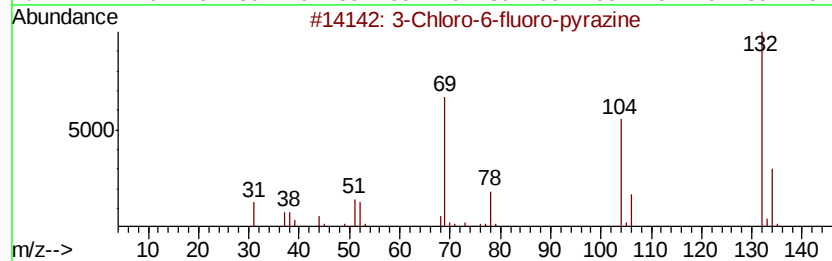
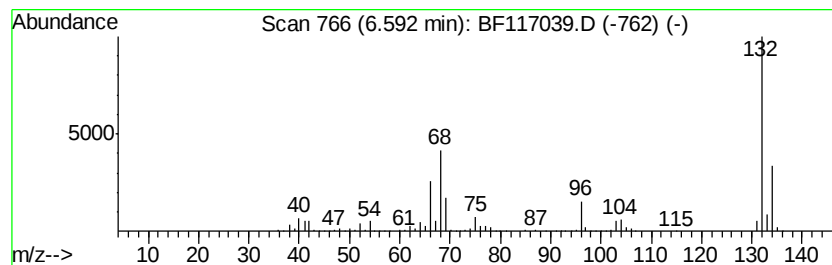
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	69.50 ng	1270110	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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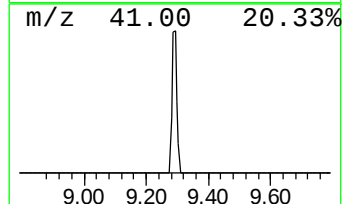
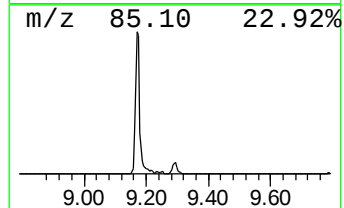
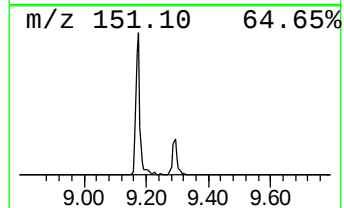
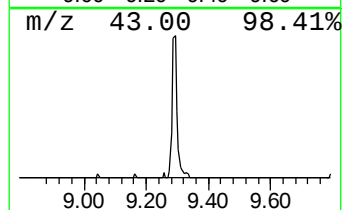
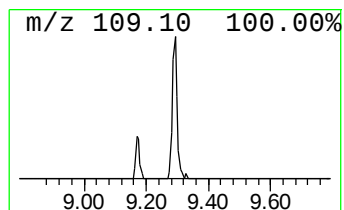
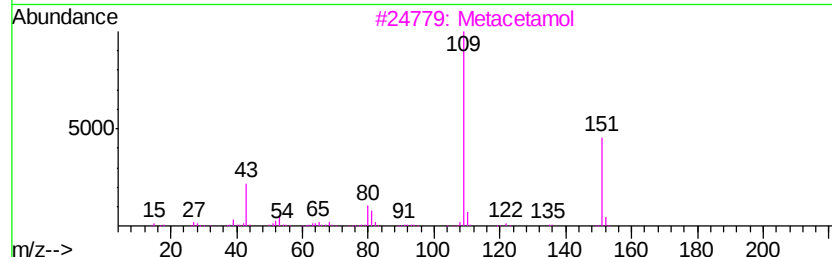
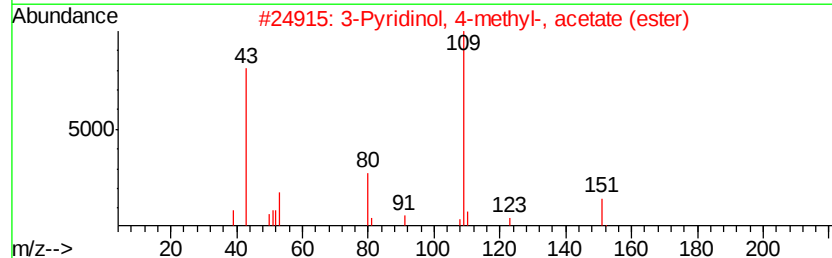
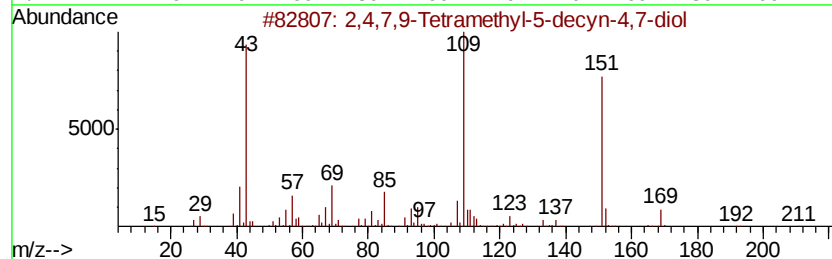
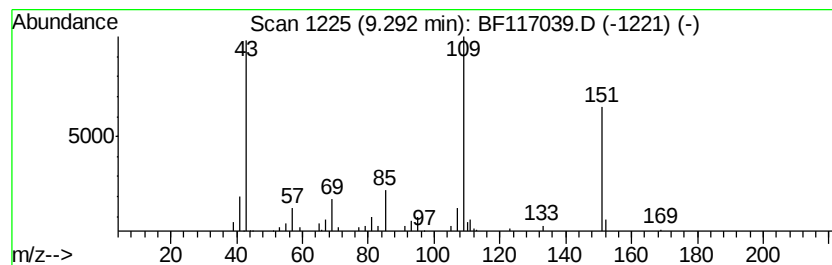
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.41 ng	68715	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	52
3		Metacetamol	151	C8H9NO2	000621-42-1	52
4		Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	40
5		Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	38



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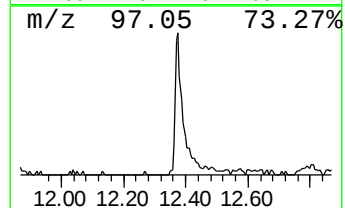
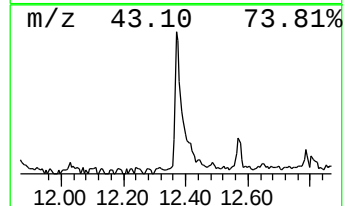
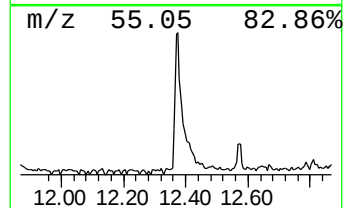
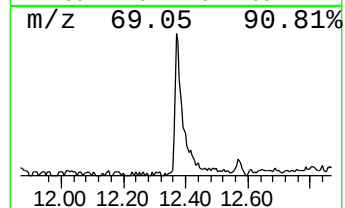
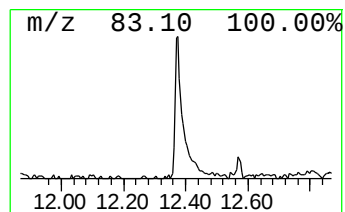
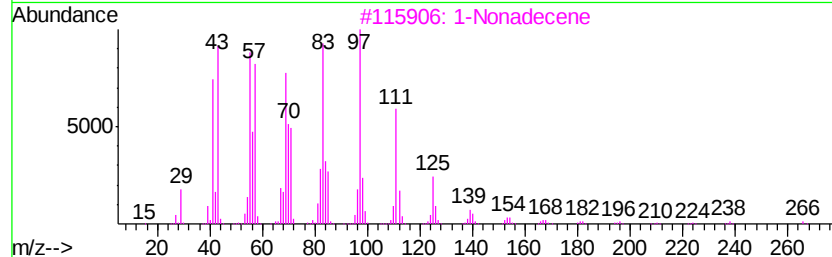
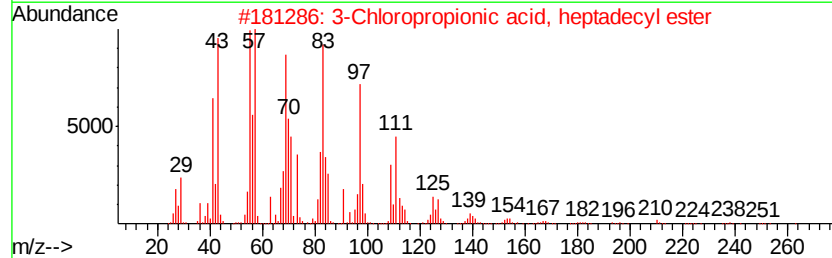
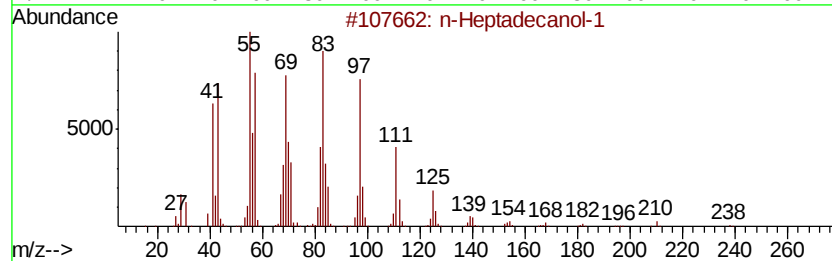
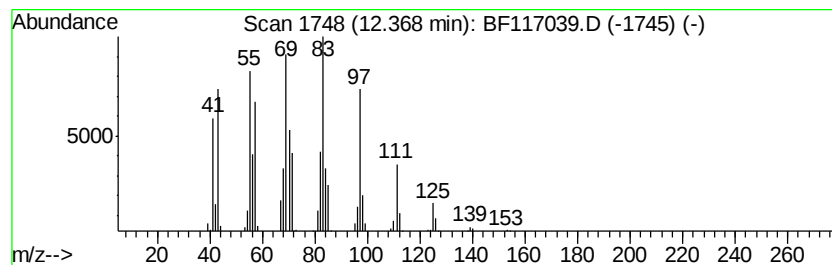
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Heptadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.37	8.94 ng	257727	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	90



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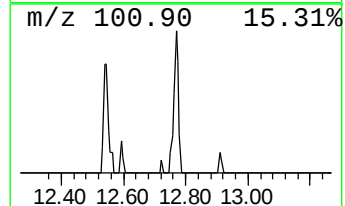
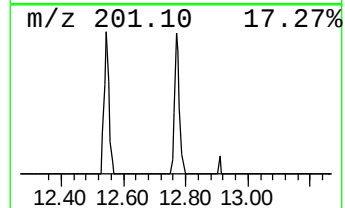
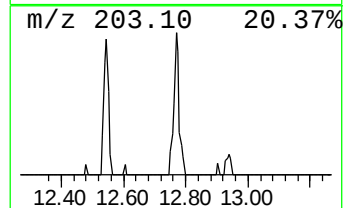
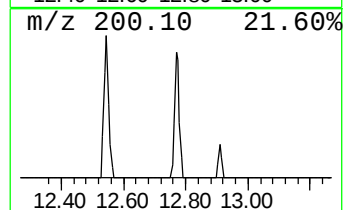
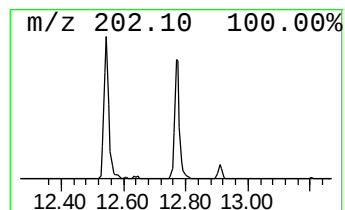
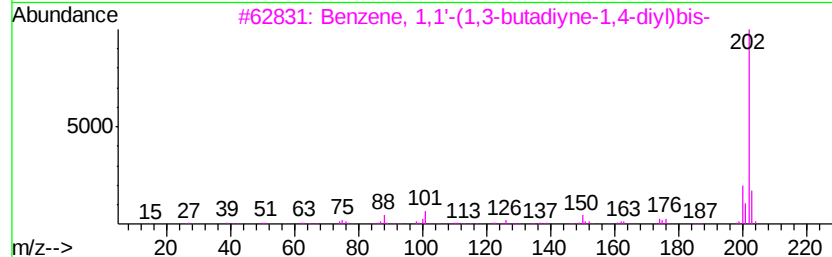
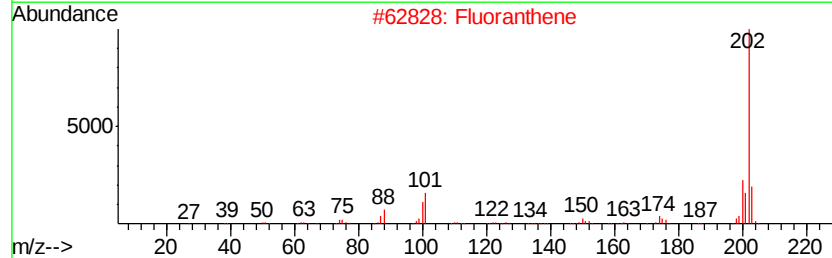
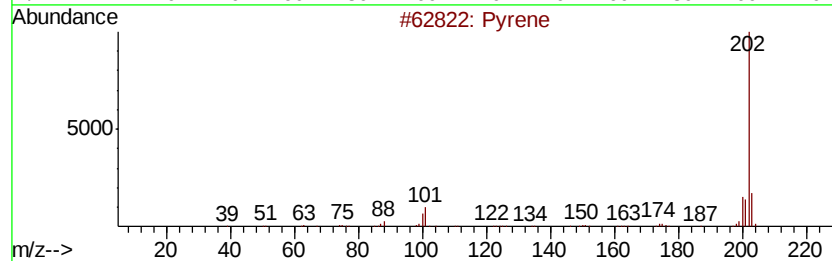
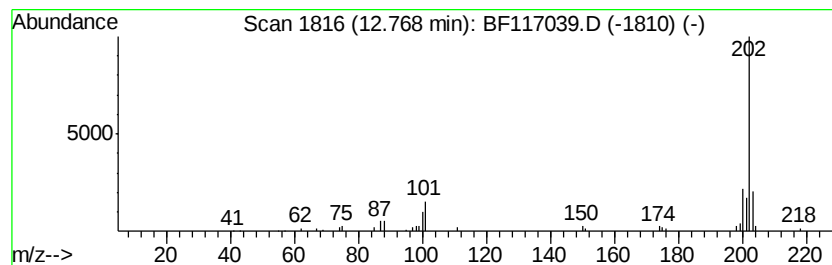
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.47 ng	67186	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene	202 C16H10	000129-00-0 95
2		Fluoranthene	202 C16H10	000206-44-0 93
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202 C16H10	000886-66-8 59
4		Furan-2-one, 2,5-dihydro-5-(4-me...	202 C12H10O3	024962-84-3 38
5		Benzaldehyde, 2,6-difuloro-3,4-d...	202 C9H8F2O3	152434-99-6 9



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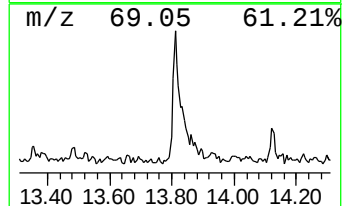
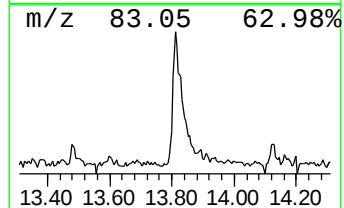
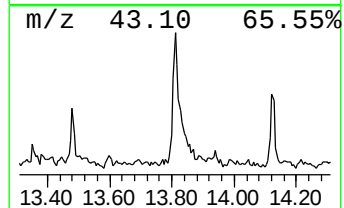
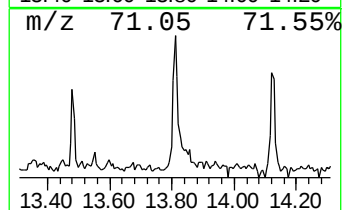
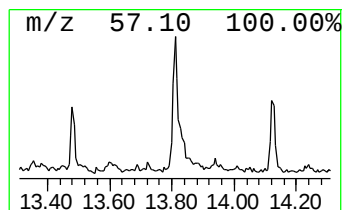
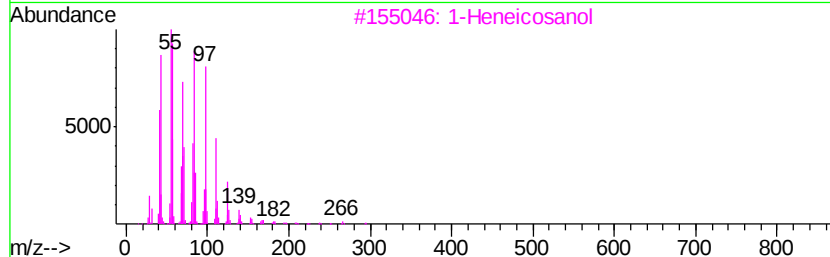
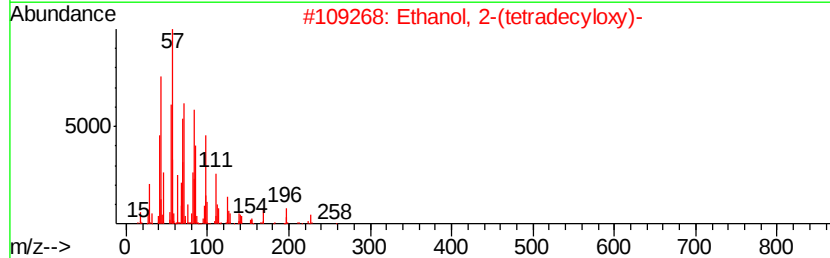
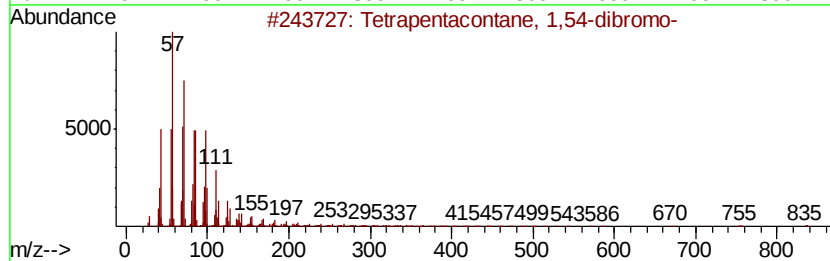
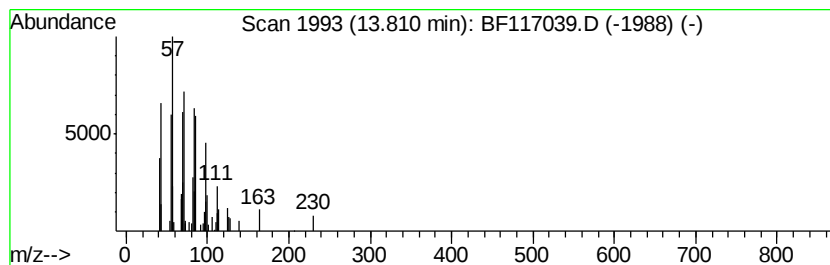
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetrapentacontane, 1,54-dib... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.36 ng	173183	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	72
3			1-Heneicosanol	312	C21H44O	015594-90-8	64
4			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	64
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64



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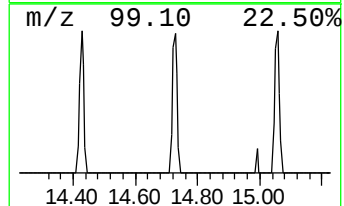
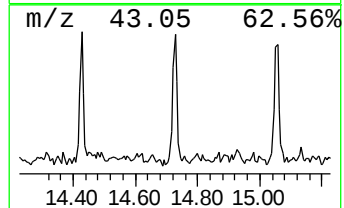
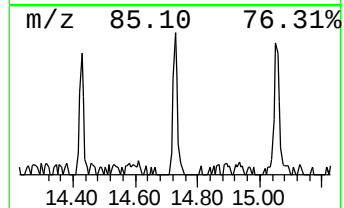
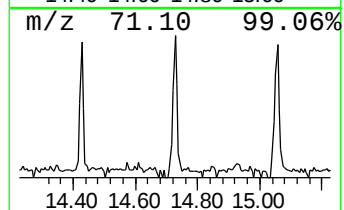
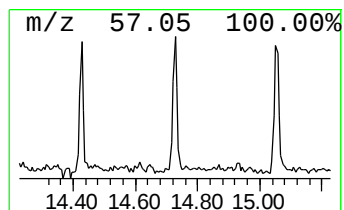
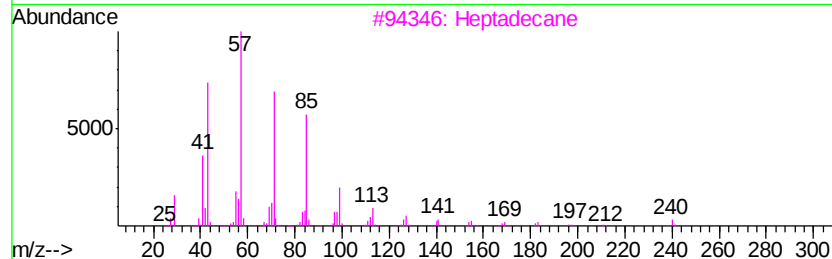
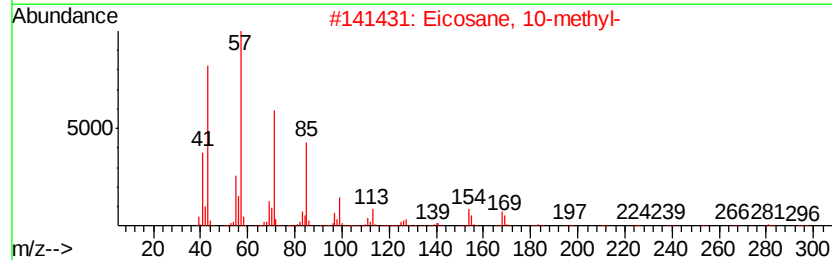
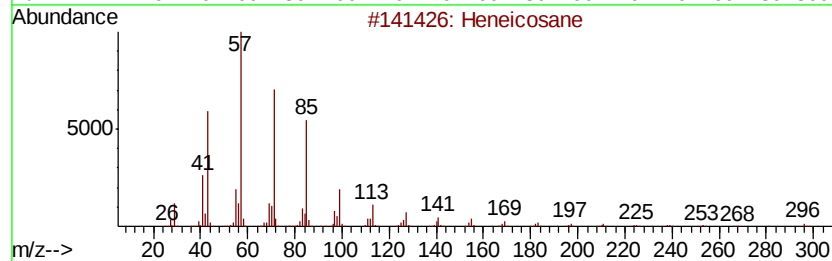
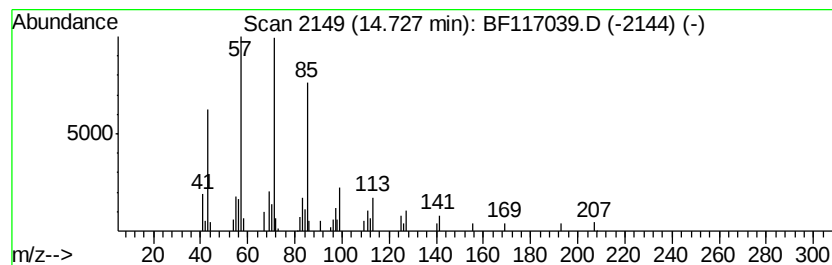
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.41 ng	53035	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117039.D
Acq On : 13 Sep 2019 22:51
Operator : HP/JU
Sample : K4852-01
Misc :
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Instrument :
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ClientSampleId :
GIS-1(0.-2)

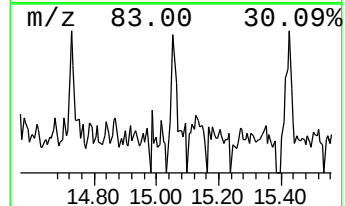
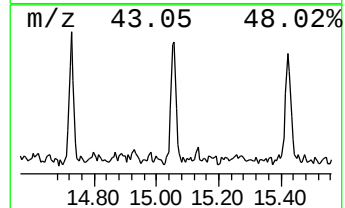
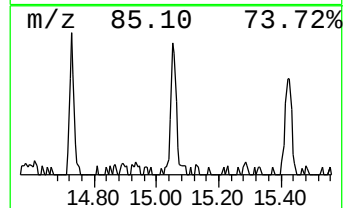
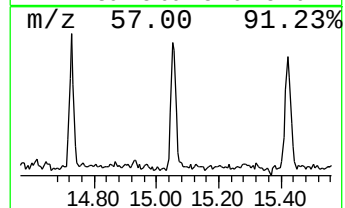
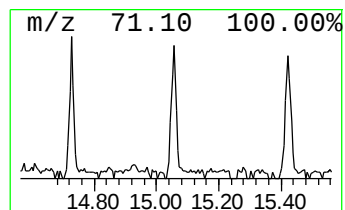
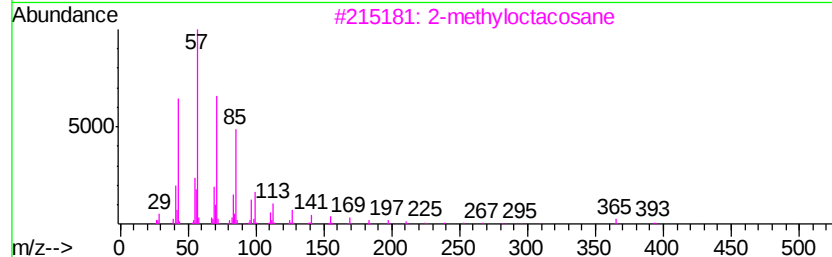
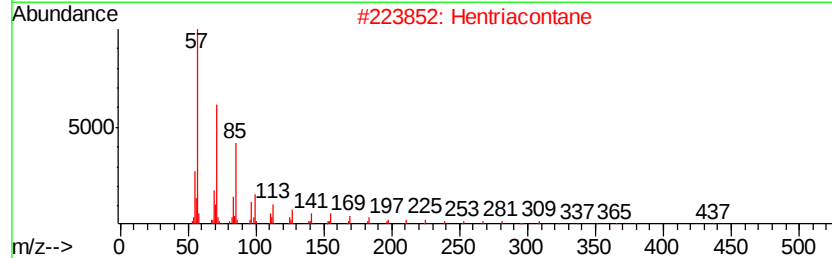
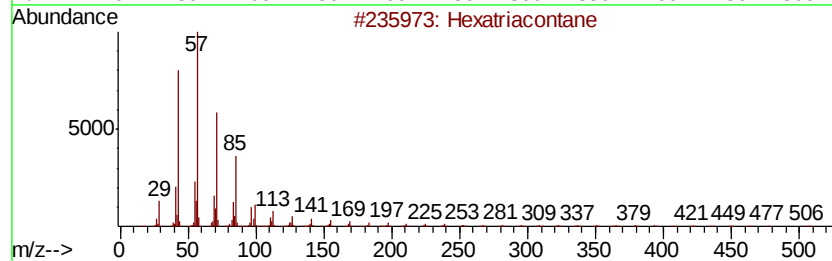
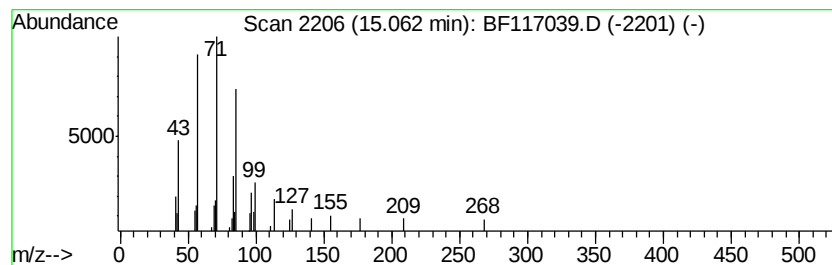
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexatriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.29 ng	50353	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	86	
2	Hentriacontane	437	C31H64	000630-04-6	86	
3	2-methyloctacosane	408	C29H60	1000376-72-8	78	
4	2-methyltetracosane	352	C25H52	1000376-72-6	78	
5	Heneicosane	296	C21H44	000629-94-7	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117039.D
Acq On : 13 Sep 2019 22:51
Operator : HP/JU
Sample : K4852-01
Misc :
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ClientSampleId :
GIS-1(0.-2)

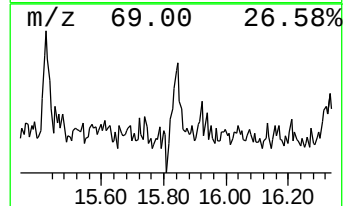
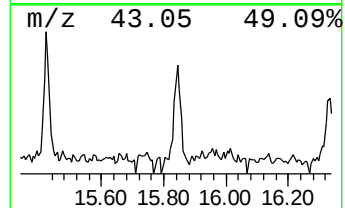
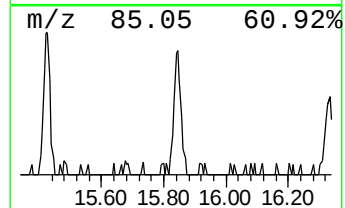
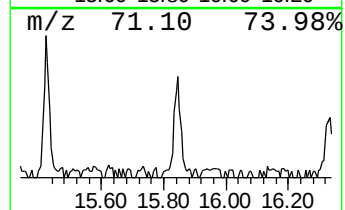
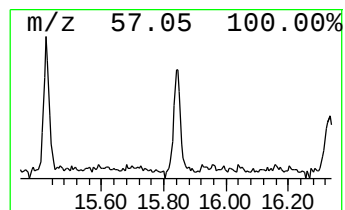
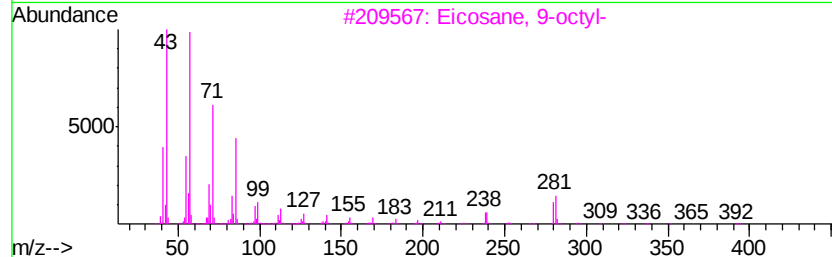
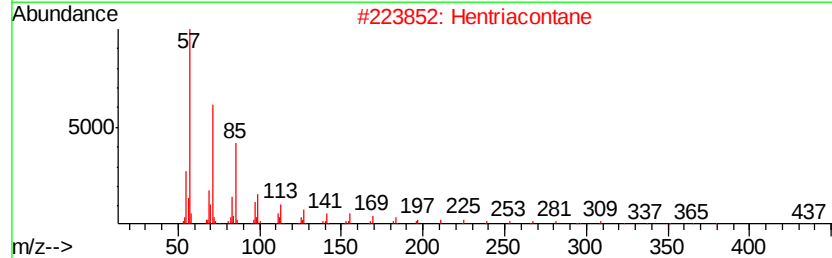
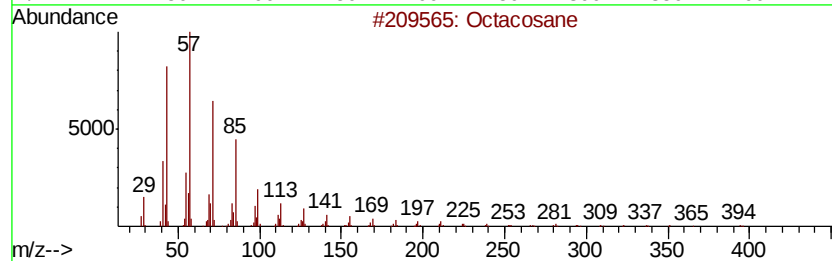
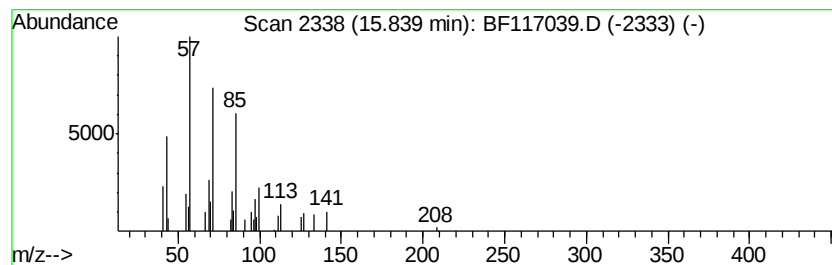
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.14 ng	47077	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	87
2	Hentriacontane		437	C31H64	000630-04-6	86
3	Eicosane, 9-octyl-		394	C28H58	013475-77-9	86
4	10-Methylnonadecane		282	C20H42	056862-62-5	86
5	Pentacosane		352	C25H52	000629-99-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091319\
Data File : BF117039.D
Acq On : 13 Sep 2019 22:51
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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2,4,7,9-Tetrameth...	9.29	2.4	ng	68715	3	9.85	570826	20.0
n-Heptadecanol-1	12.37	8.9	ng	257727	4	11.33	576661	20.0
Benzene, 1,1'-(1,...	12.77	2.5	ng	67186	5	13.96	544893	20.0
Tetrapentacontane...	13.81	6.4	ng	173183	5	13.96	544893	20.0
Heneicosane	14.73	2.4	ng	53035	6	15.41	440076	20.0
Hexatriacontane	15.06	2.3	ng	50353	6	15.41	440076	20.0
Octacosane	15.84	2.1	ng	47077	6	15.41	440076	20.0