

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116212.D
 Acq On : 13 Aug 2019 1:56
 Operator : HP/JU
 Sample : K4090-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

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	5.457	570	573	600	rBV	2288080	2538453	82.54%	9.235%
2	6.475	742	746	765	rBV	2421609	2765481	89.92%	10.061%
3	6.604	765	768	777	rVV	2712130	2667514	86.74%	9.705%
4	6.834	804	807	815	rBV	846731	743065	24.16%	2.703%
5	6.986	830	833	848	rBV	2213658	2142217	69.66%	7.794%
6	7.398	899	903	920	rBV	1617853	1739013	56.55%	6.327%
7	8.110	1021	1024	1045	rVB	905380	979196	31.84%	3.562%
8	9.186	1203	1207	1218	rBV	3284962	3075429	100.00%	11.189%
9	9.580	1271	1274	1284	rBV	280947	292705	9.52%	1.065%
10	9.869	1319	1323	1327	rBV	1284408	1103170	35.87%	4.013%
11	10.516	1429	1433	1439	rVB	25084	35915	1.17%	0.131%
12	10.663	1454	1458	1469	rBV	1522959	1738420	56.53%	6.324%
13	10.780	1474	1478	1485	rVB2	69229	107628	3.50%	0.392%
14	11.216	1549	1552	1554	rBV	39851	36836	1.20%	0.134%
15	11.245	1554	1557	1563	rVB3	67245	86730	2.82%	0.316%
16	11.357	1572	1576	1579	rBV	1096055	1031115	33.53%	3.751%
17	11.380	1579	1580	1584	rVB	127397	90859	2.95%	0.331%
18	11.639	1621	1624	1630	rVB2	52730	45896	1.49%	0.167%
19	11.692	1630	1633	1637	rVB3	27895	31395	1.02%	0.114%
20	11.880	1659	1665	1673	rBV4	124199	227414	7.39%	0.827%
21	11.969	1678	1680	1683	rBV2	41369	46589	1.51%	0.169%
22	12.045	1691	1693	1698	rVB	61944	48693	1.58%	0.177%
23	12.333	1739	1742	1744	rBV2	39514	41503	1.35%	0.151%
24	12.410	1752	1755	1757	rBV	50301	52464	1.71%	0.191%
25	12.433	1757	1759	1763	rVB2	101009	106599	3.47%	0.388%
26	12.574	1780	1783	1787	rBV	250688	248450	8.08%	0.904%
27	12.804	1816	1822	1828	rBV2	298556	356482	11.59%	1.297%
28	12.939	1840	1845	1848	rBV	2539292	2449009	79.63%	8.910%
29	13.163	1880	1883	1887	rBV2	86635	90274	2.94%	0.328%
30	13.504	1938	1941	1944	rBV2	99621	94258	3.06%	0.343%
31	13.833	1994	1997	2008	rBV5	188376	374669	12.18%	1.363%
32	13.998	2021	2025	2028	rBV2	865899	896285	29.14%	3.261%
33	14.145	2047	2050	2052	rBV	124195	109524	3.56%	0.398%
34	14.451	2099	2102	2105	rBV	134880	124759	4.06%	0.454%

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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	14.751	2151	2153	2156	rVB	127032	110089	3.58%	0.401%
36	15.468	2270	2275	2280	rBV	592689	859018	27.93%	3.125%

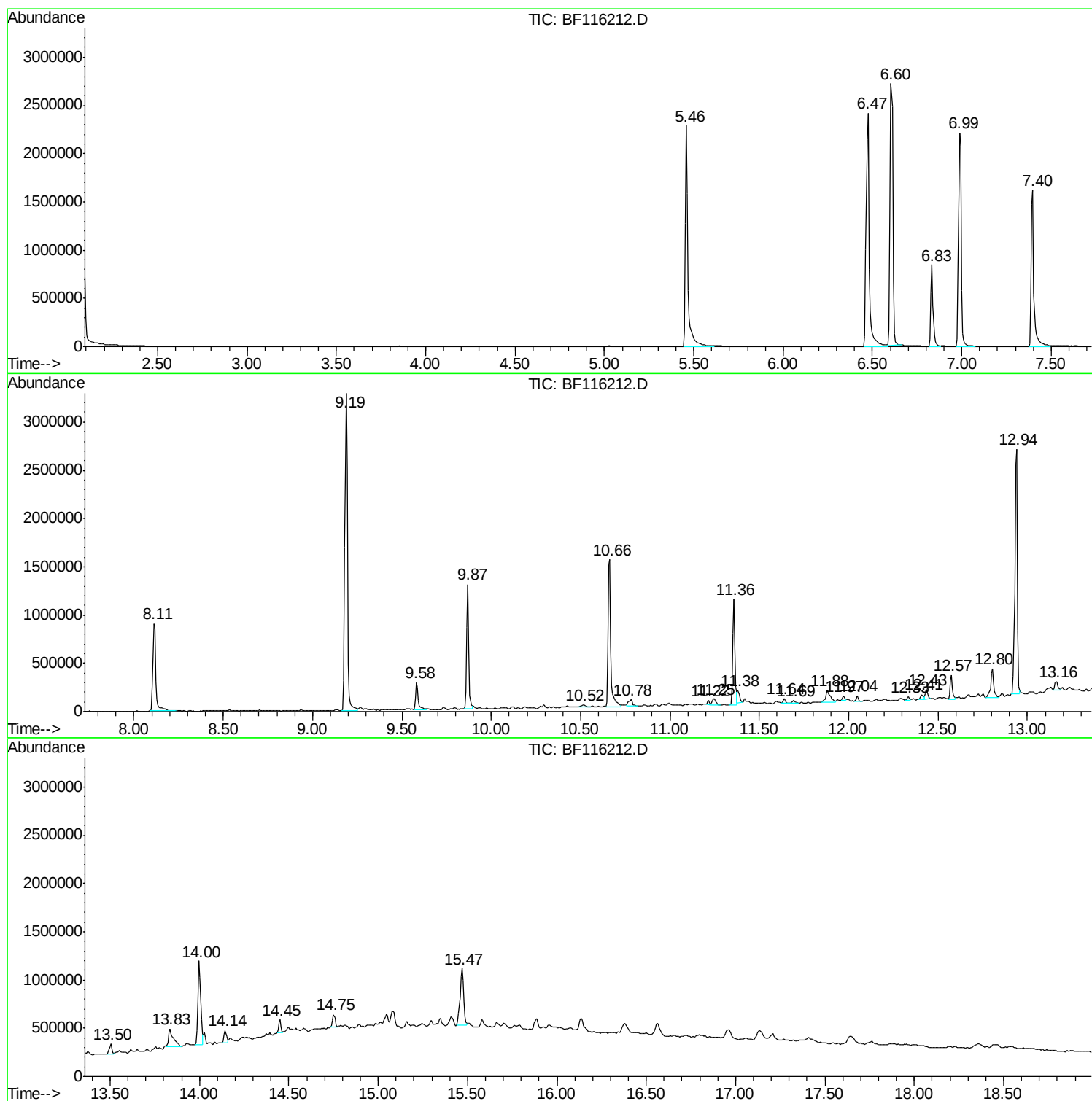
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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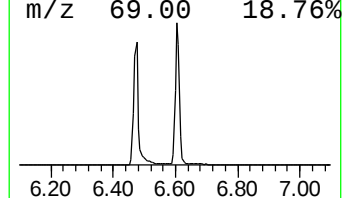
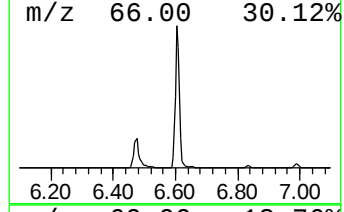
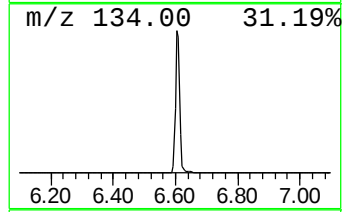
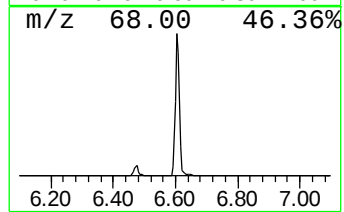
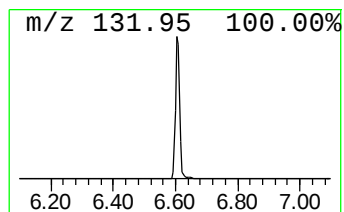
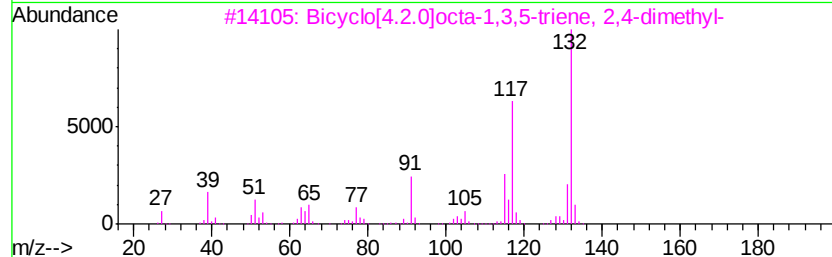
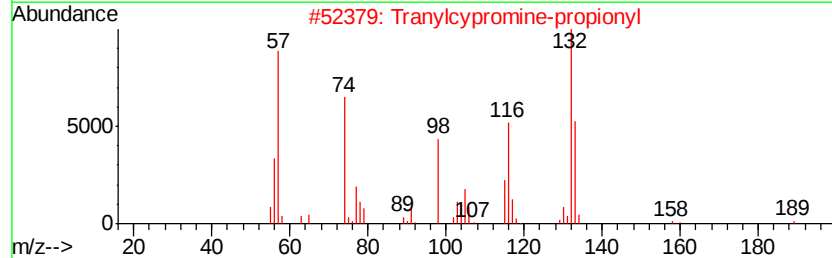
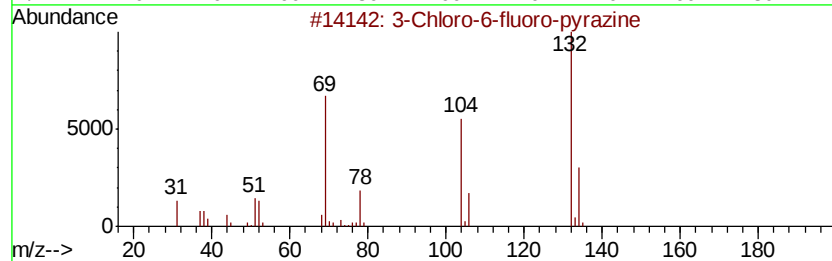
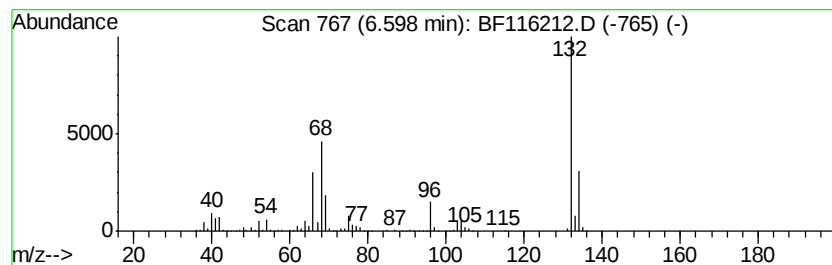
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	71.80 ng	2667510	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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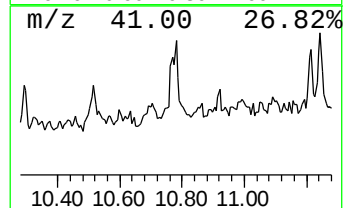
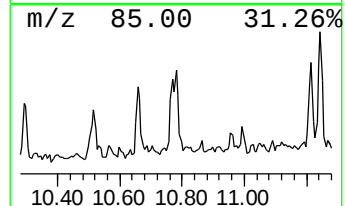
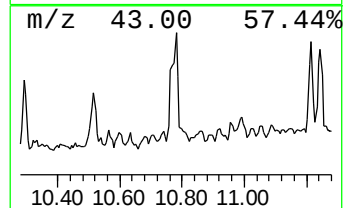
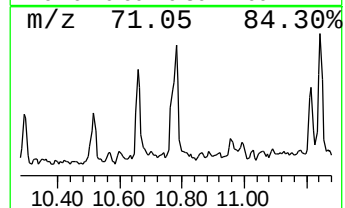
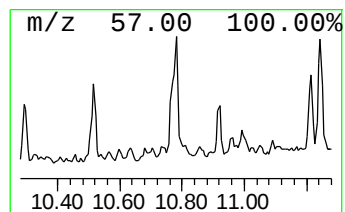
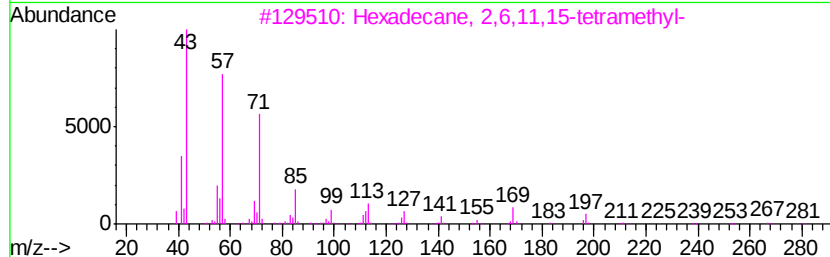
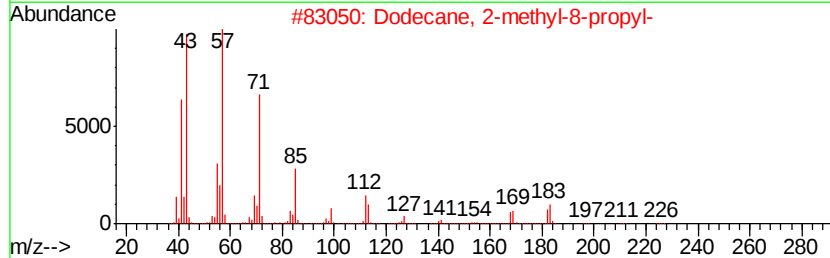
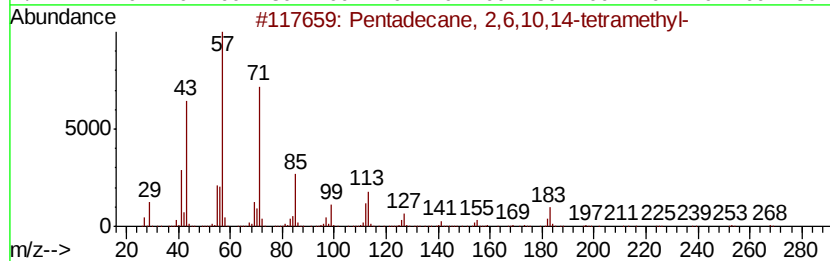
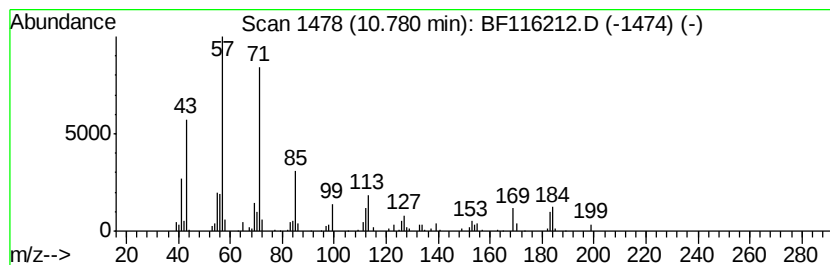
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.78	2.09 ng	107628	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



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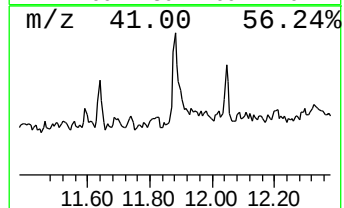
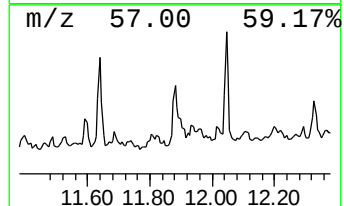
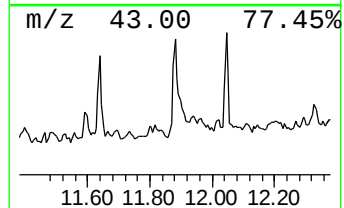
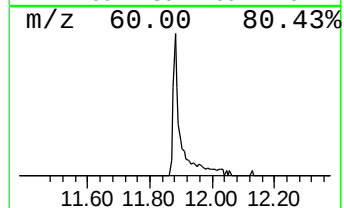
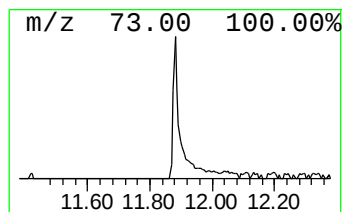
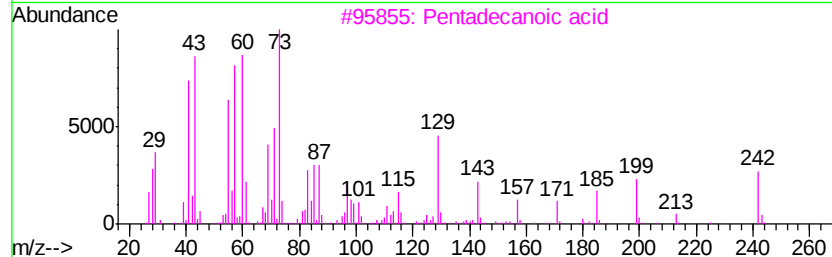
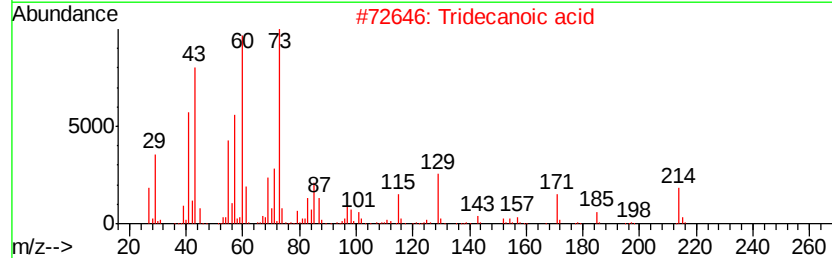
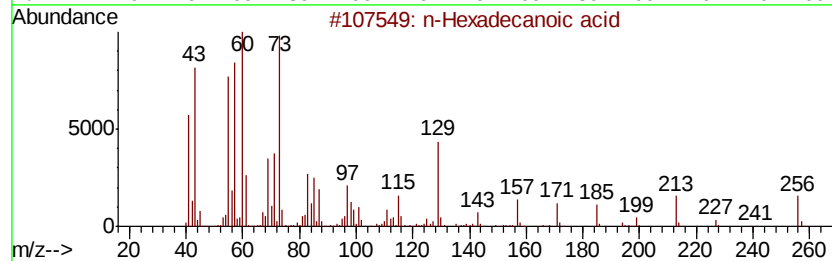
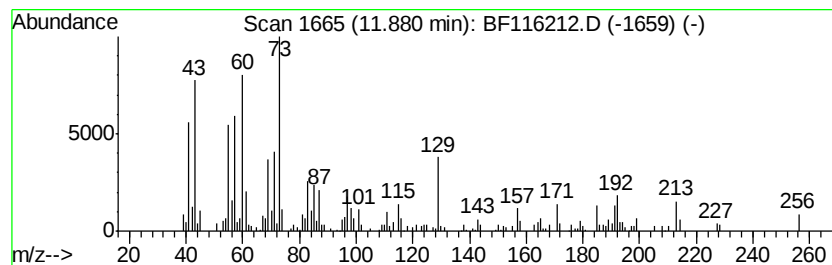
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.41 ng	227414	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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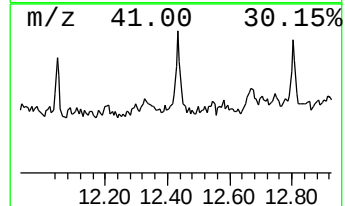
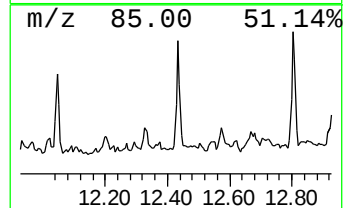
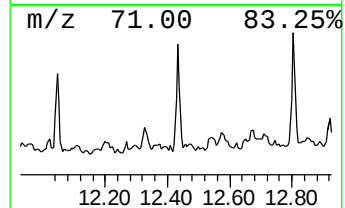
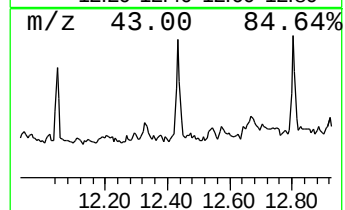
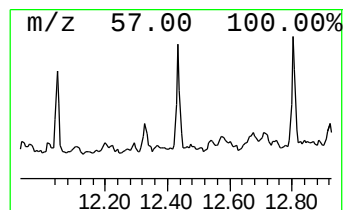
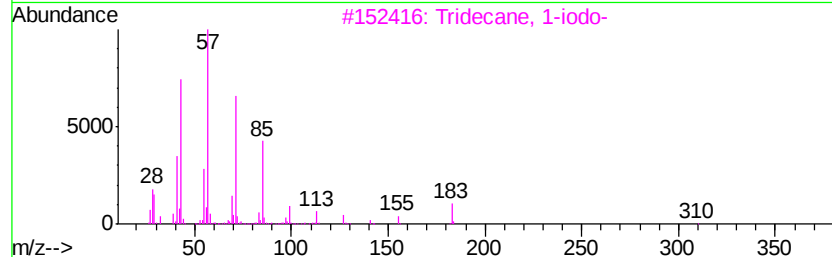
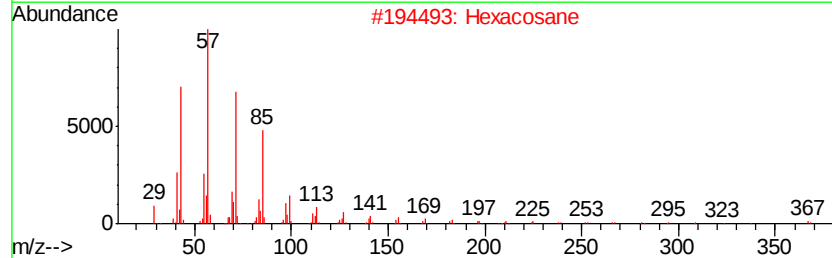
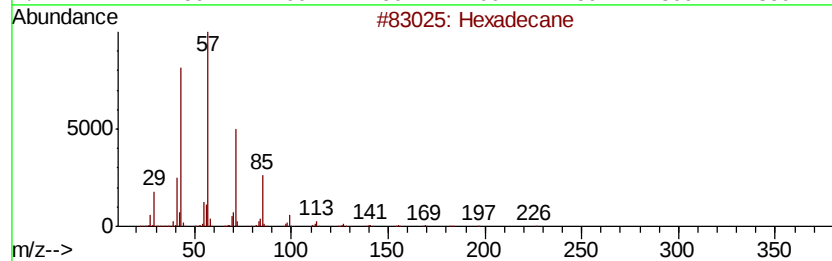
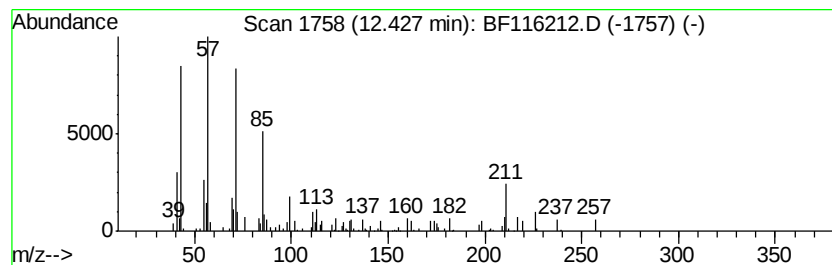
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.07 ng	106599	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Hexacosane		366	C26H54	000630-01-3	83
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	83
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	64



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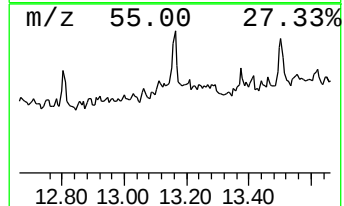
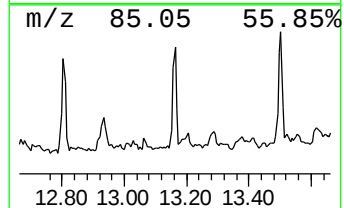
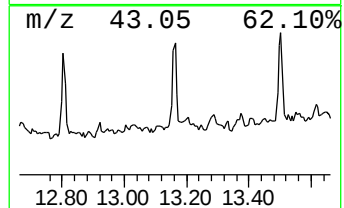
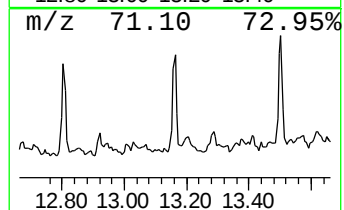
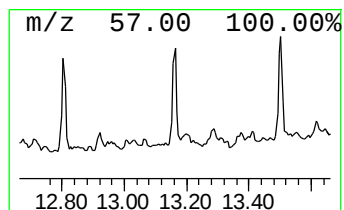
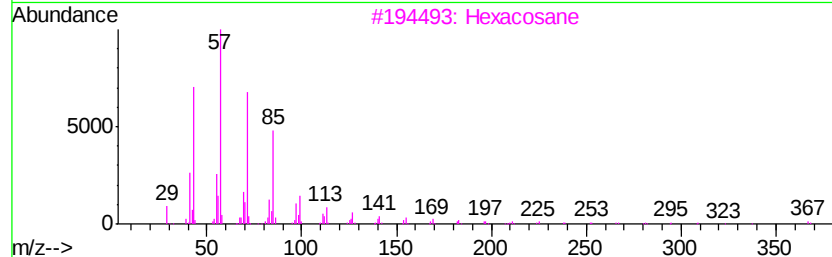
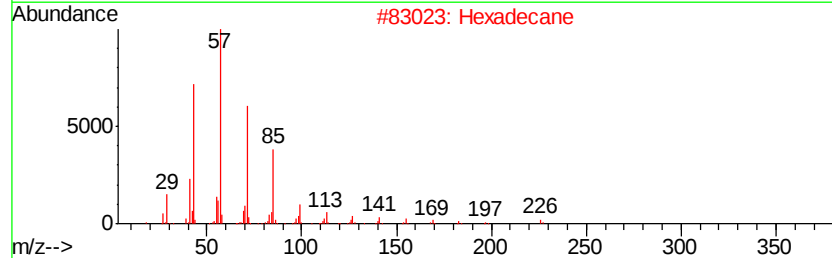
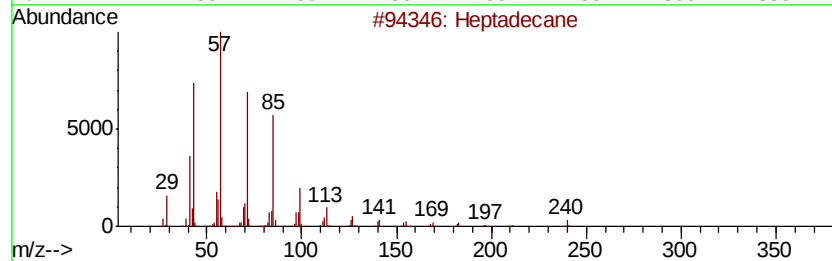
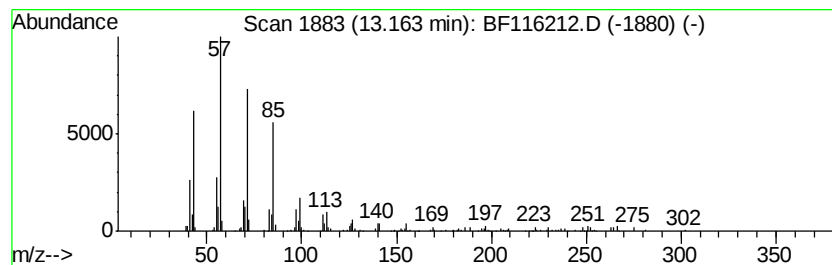
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.01 ng	90274	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Hexadecane		226	C16H34	000544-76-3	95
3	Hexacosane		366	C26H54	000630-01-3	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116212.D
Acq On : 13 Aug 2019 1:56
Operator : HP/JU
Sample : K4090-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-080919-B

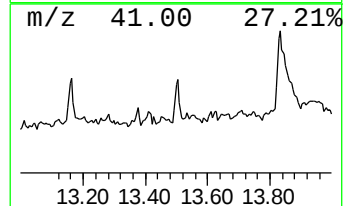
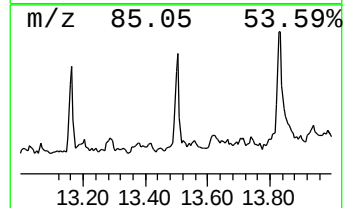
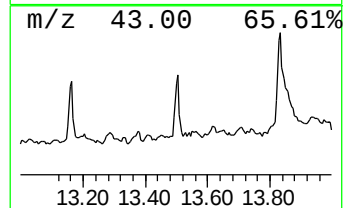
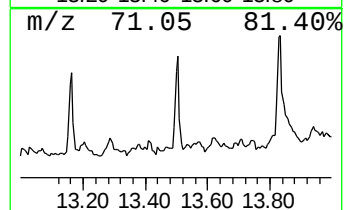
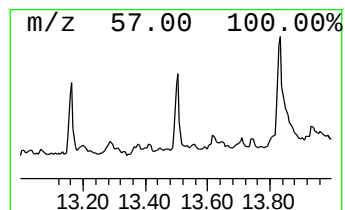
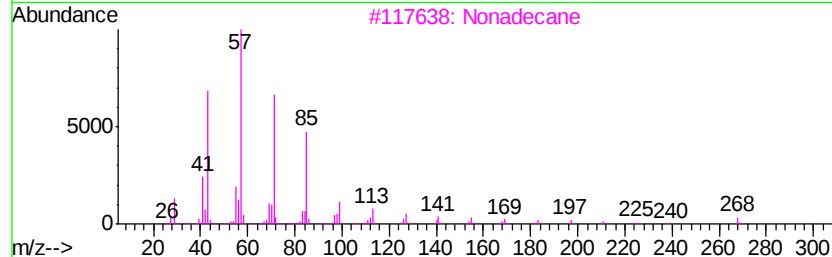
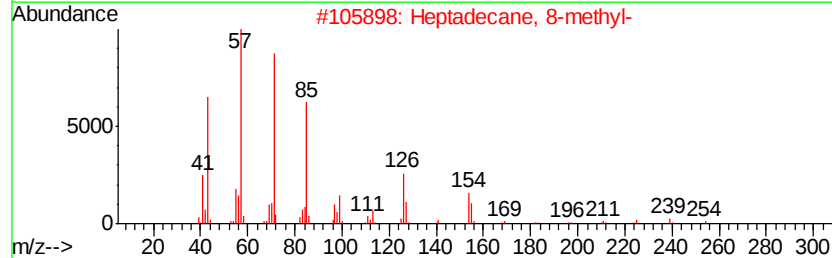
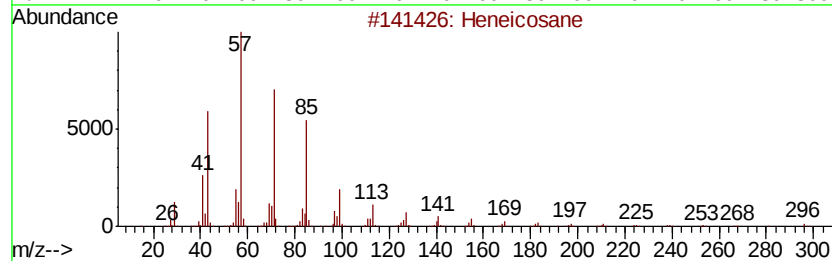
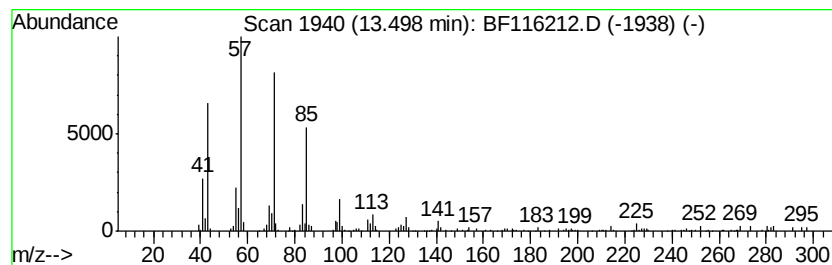
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.10 ng	94258	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	90
3	Nonadecane		268	C19H40	000629-92-5	87
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
5	Heptacosane		380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116212.D
Acq On : 13 Aug 2019 1:56
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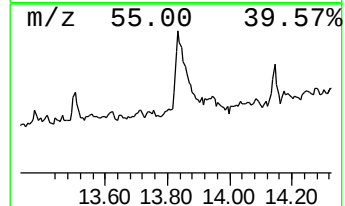
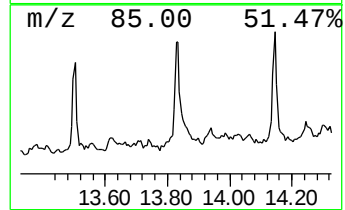
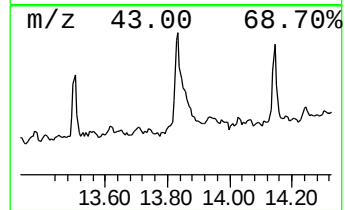
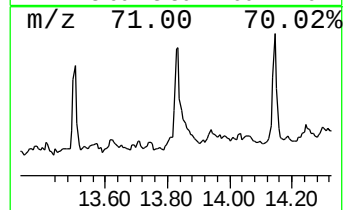
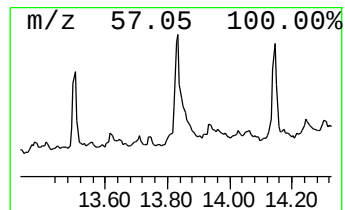
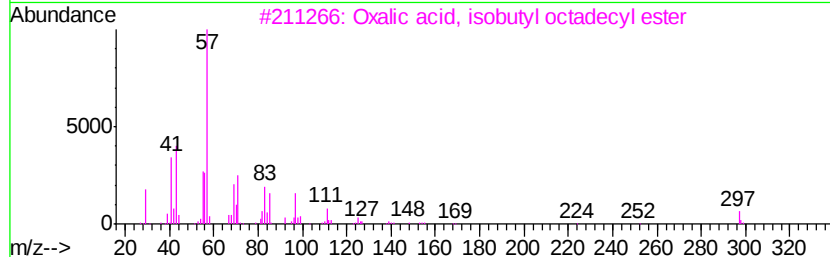
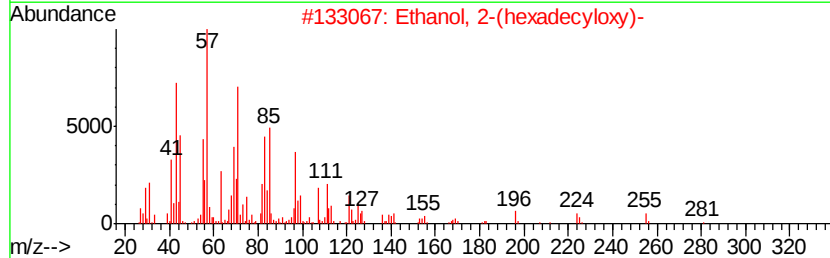
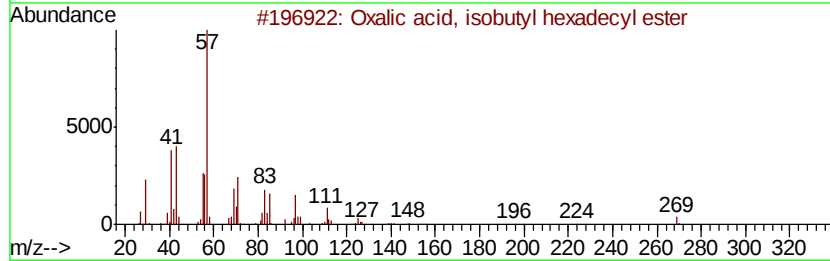
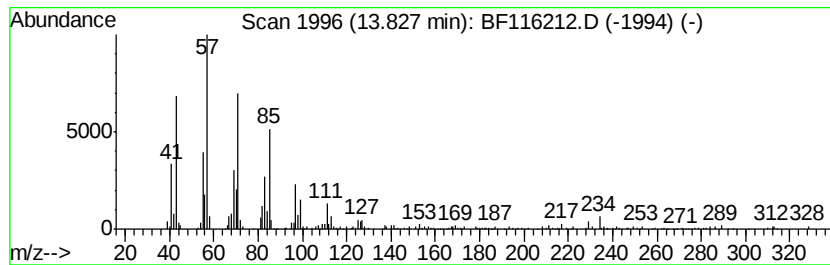
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.36 ng	374669	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
5		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116212.D
Acq On : 13 Aug 2019 1:56
Operator : HP/JU
Sample : K4090-07
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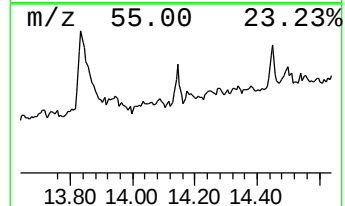
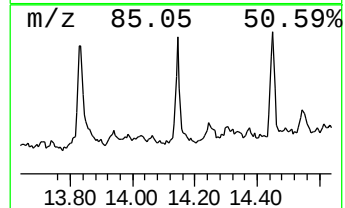
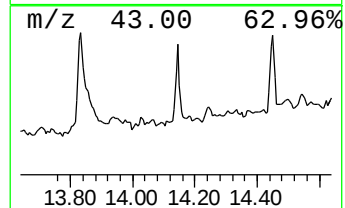
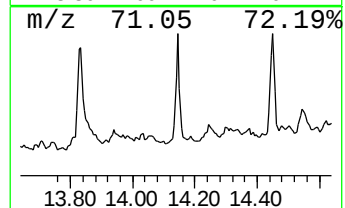
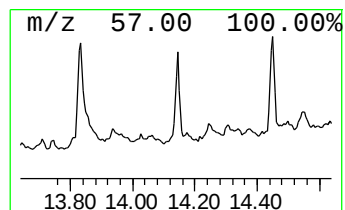
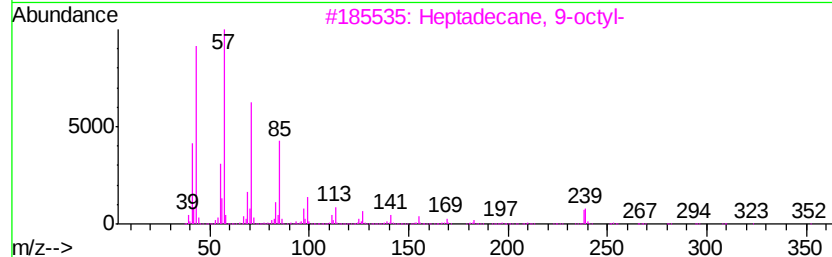
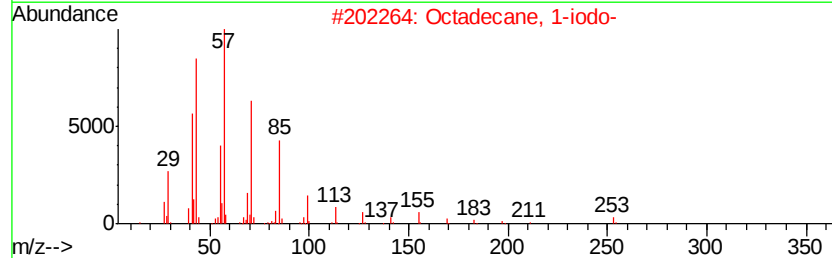
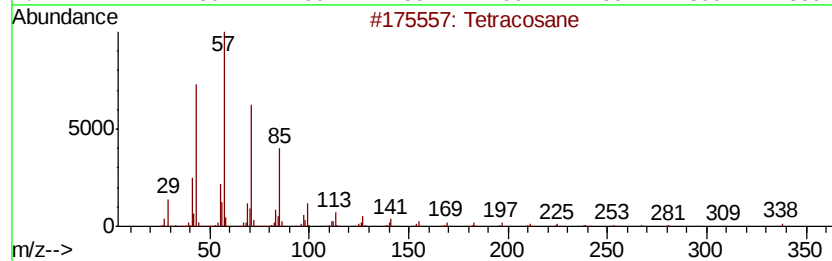
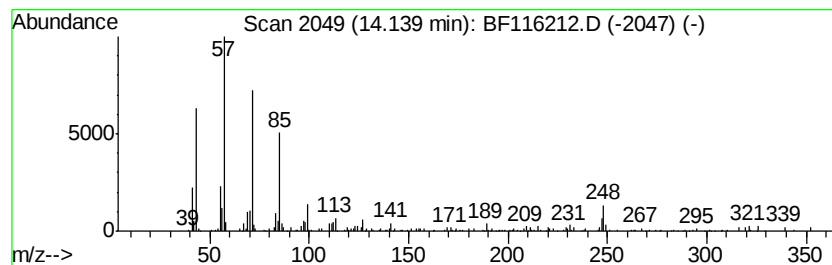
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.44 ng	109524	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Octadecane	254	C18H38	000593-45-3	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116212.D
Acq On : 13 Aug 2019 1:56
Operator : HP/JU
Sample : K4090-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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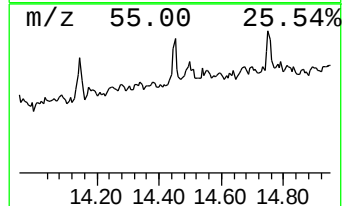
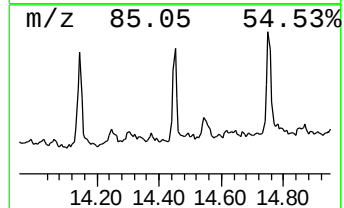
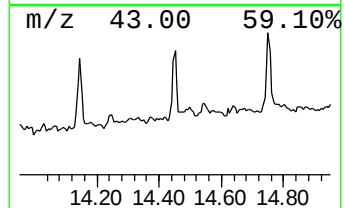
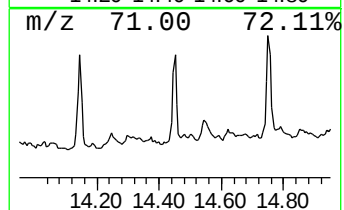
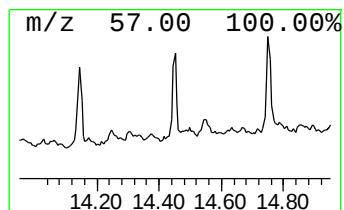
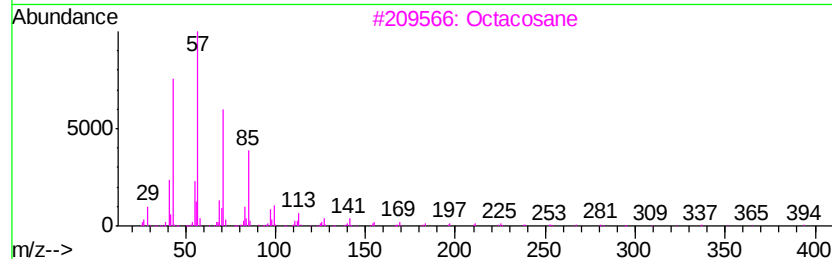
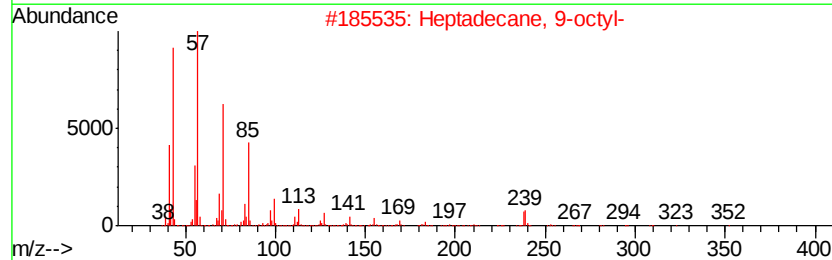
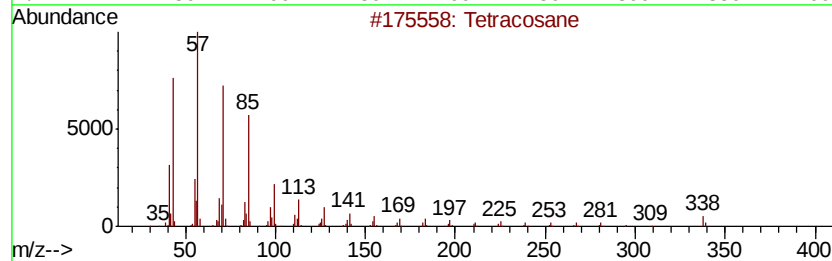
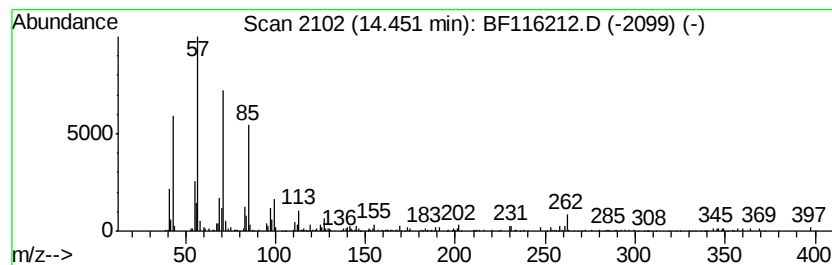
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.78 ng	124759	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		triacontane	422	C30H62	000638-68-6	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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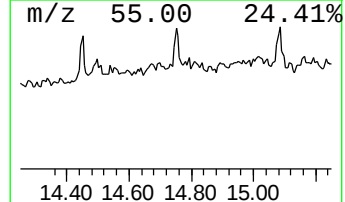
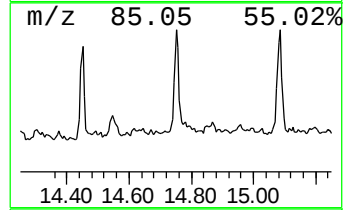
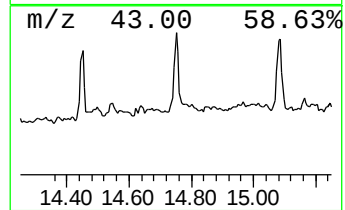
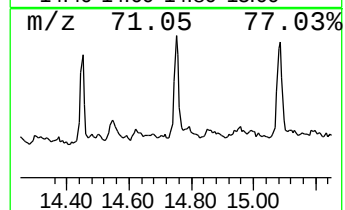
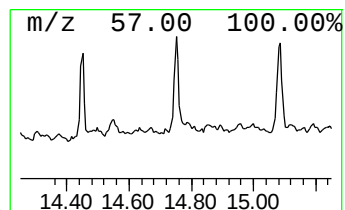
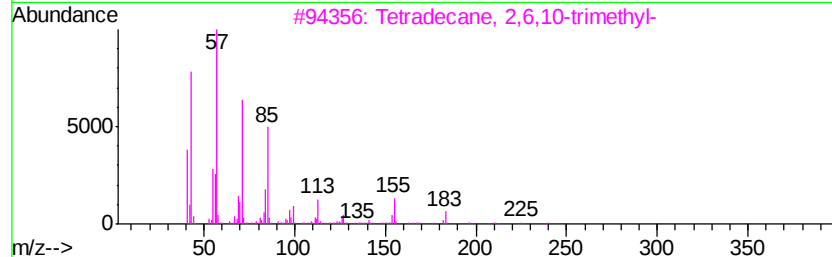
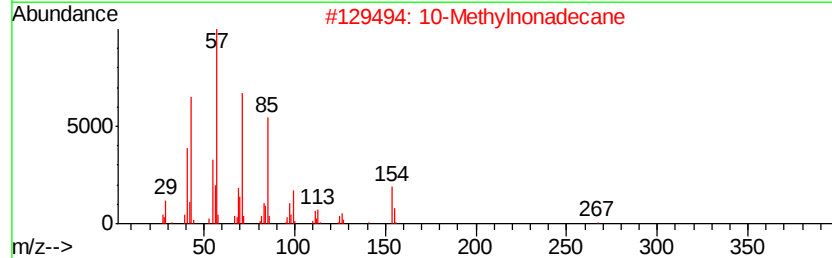
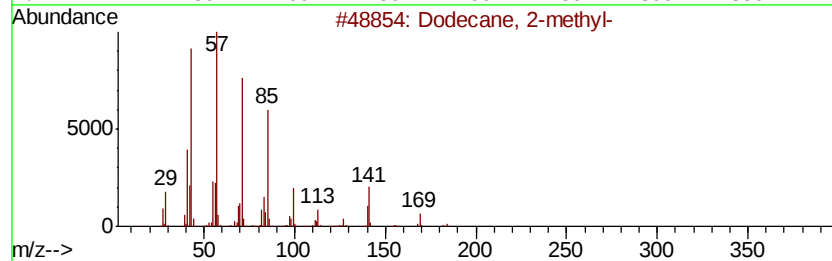
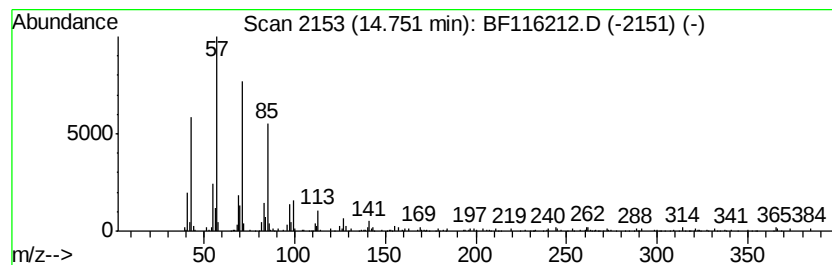
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.56 ng	110089	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	90
2	10-Methylnonadecane	282 C20H42	056862-62-5	90
3	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	83
4	Undecane, 6-ethyl-	184 C13H28	017312-60-6	81
5	5-Ethyl-5-methylnonadecane	310 C22H46	1000360-42-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
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Operator : HP/JU
Sample : K4090-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Pentadecane, 2,6,...	10.78	2.1	ng	107628	4	11.36	1031120	20.0
n-Hexadecanoic acid	11.88	4.4	ng	227414	4	11.36	1031120	20.0
Hexadecane	12.43	2.1	ng	106599	4	11.36	1031120	20.0
Heptadecane	13.16	2.0	ng	90274	5	14.00	896285	20.0
Heneicosane	13.50	2.1	ng	94258	5	14.00	896285	20.0
Oxalic acid, isob...	13.83	8.4	ng	374669	5	14.00	896285	20.0
Tetracosane	14.14	2.4	ng	109524	5	14.00	896285	20.0
Heptadecane, 9-oc...	14.45	2.8	ng	124759	5	14.00	896285	20.0
Dodecane, 2-methyl-	14.75	2.6	ng	110089	6	15.47	859018	20.0