

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
 Data File : BF098056.D
 Acq On : 26 Aug 2017 3:18
 Operator : SJ/JU
 Sample : I4964-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-82417

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-BF081517.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	4.916	479	481	486	rBV	34414	35396	5.68%	0.440%
2	5.340	549	553	560	rBV	616800	565240	90.66%	7.019%
3	6.369	724	728	742	rVB	674991	623492	100.00%	7.743%
4	6.504	748	751	757	rBV	619213	558953	89.65%	6.941%
5	6.740	788	791	795	rBV	655544	542978	87.09%	6.743%
6	6.898	814	818	821	rBV	441692	412421	66.15%	5.122%
7	7.298	883	886	897	rVB	311234	270429	43.37%	3.358%
8	8.022	1005	1009	1013	rBV	653920	614915	98.62%	7.636%
9	9.098	1188	1192	1201	rBV	607220	491592	78.84%	6.105%
10	9.492	1256	1259	1268	rVB	59172	53911	8.65%	0.669%
11	9.716	1294	1297	1301	rVB2	8374	8319	1.33%	0.103%
12	9.775	1304	1307	1315	rVB	636838	559455	89.73%	6.948%
13	10.210	1379	1381	1384	rVB	13269	9950	1.60%	0.124%
14	10.433	1413	1419	1425	rBV4	6380	12493	2.00%	0.155%
15	10.563	1437	1441	1450	rBV	260774	239846	38.47%	2.979%
16	10.686	1459	1462	1471	rBV2	14721	20580	3.30%	0.256%
17	11.133	1535	1538	1540	rBV	18161	14824	2.38%	0.184%
18	11.163	1540	1543	1547	rVB2	7751	8639	1.39%	0.107%
19	11.257	1555	1559	1562	rBV	688294	574708	92.18%	7.137%
20	11.557	1608	1610	1613	rVB	18486	14177	2.27%	0.176%
21	11.657	1624	1627	1633	rBV4	17880	19022	3.05%	0.236%
22	11.763	1642	1645	1647	rBV3	7527	9017	1.45%	0.112%
23	11.869	1658	1663	1665	rBV5	10878	11527	1.85%	0.143%
24	11.963	1676	1679	1682	rVB	30983	24470	3.92%	0.304%
25	12.080	1697	1699	1703	rVB5	6721	7544	1.21%	0.094%
26	12.186	1714	1717	1720	rBV2	12704	17326	2.78%	0.215%
27	12.233	1722	1725	1726	rBV3	8488	8229	1.32%	0.102%
28	12.310	1734	1738	1740	rBV	24278	24824	3.98%	0.308%
29	12.339	1740	1743	1745	rBV2	94277	101553	16.29%	1.261%
30	12.469	1760	1765	1767	rBV	34250	39311	6.30%	0.488%
31	12.622	1789	1791	1794	rBV3	16310	18986	3.05%	0.236%
32	12.692	1801	1803	1806	rBV	33636	31721	5.09%	0.394%
33	12.722	1806	1808	1812	rVB	65584	54133	8.68%	0.672%
34	12.810	1820	1823	1825	rBV4	16859	19828	3.18%	0.246%

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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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35	12.839	1825	1828	1835	rVV	598875	524489	84.12%	6.513%
36	13.021	1857	1859	1863	rVB4	24104	22540	3.62%	0.280%
37	13.080	1866	1869	1874	rVV	76026	75751	12.15%	0.941%
38	13.421	1924	1927	1930	rBV2	94698	88492	14.19%	1.099%
39	13.751	1980	1983	1990	rVB	106970	120188	19.28%	1.493%
40	13.892	2003	2007	2010	rBV	550105	499496	80.11%	6.203%
41	14.068	2034	2037	2039	rVB	88576	79956	12.82%	0.993%
42	14.368	2086	2088	2091	rBV	103044	88211	14.15%	1.095%
43	14.668	2136	2139	2146	rBV2	112703	141586	22.71%	1.758%
44	14.992	2191	2194	2198	rVB	85783	94768	15.20%	1.177%
45	15.315	2245	2249	2252	rBV	248415	297167	47.66%	3.690%

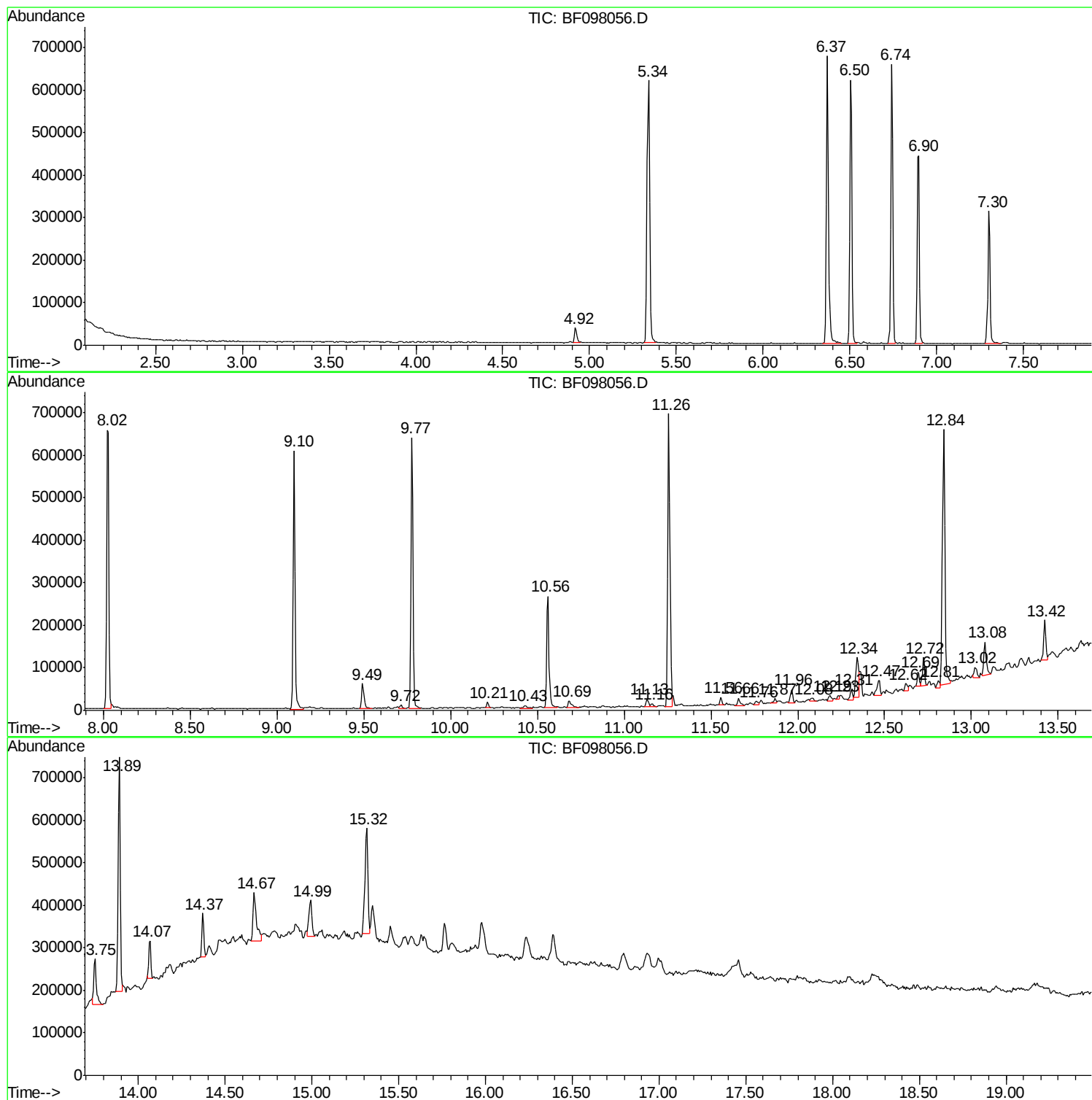
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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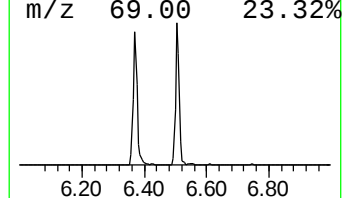
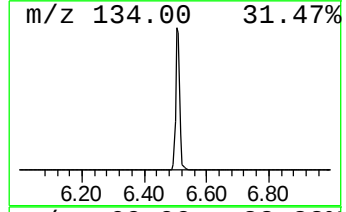
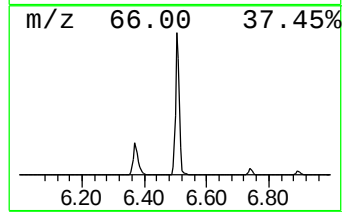
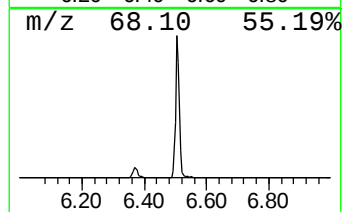
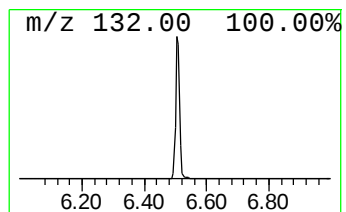
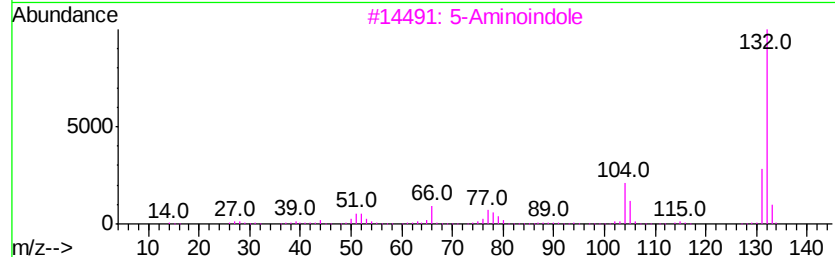
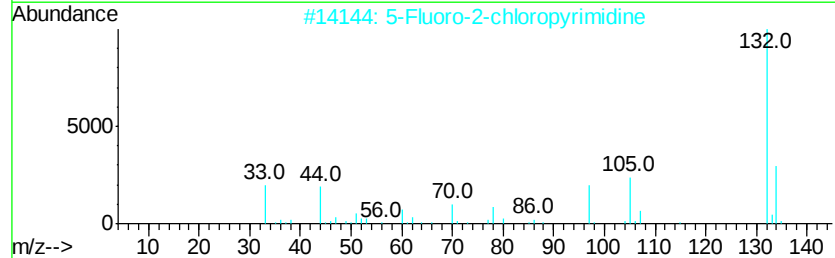
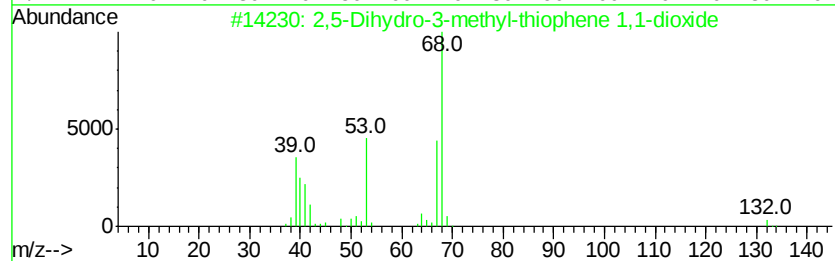
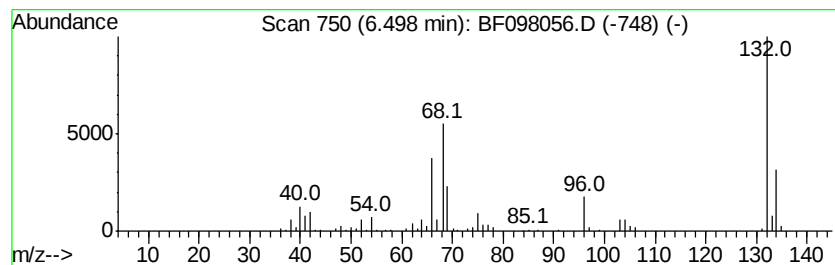
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	20.59 ng	558953	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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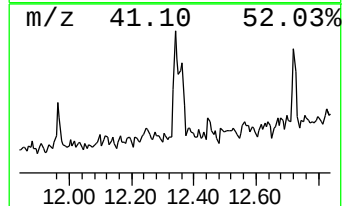
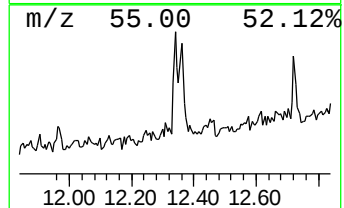
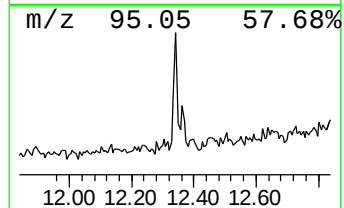
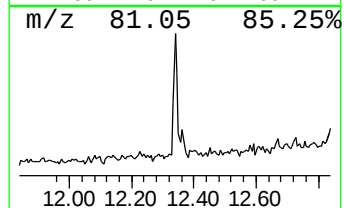
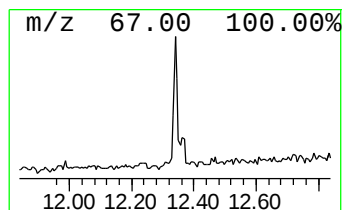
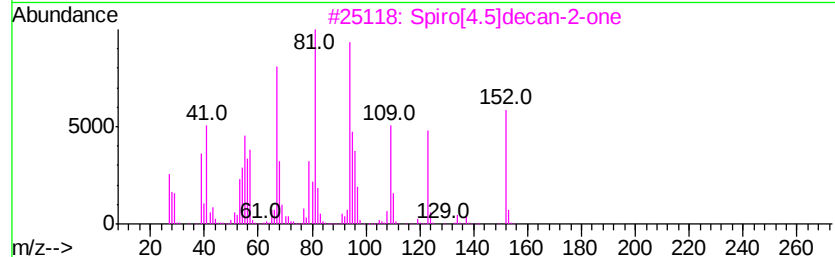
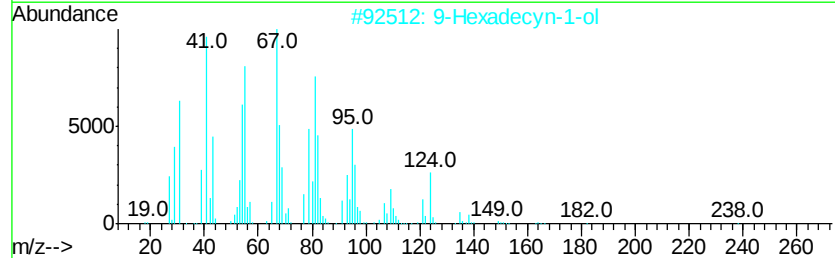
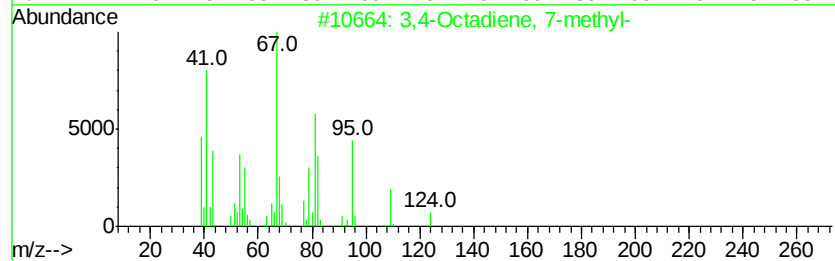
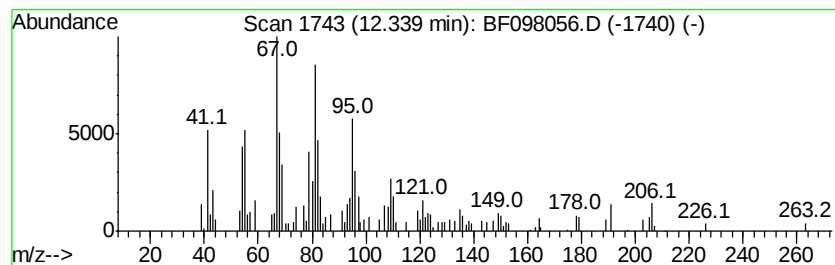
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 3,4-Octadiene, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.53 ng	101553	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	83
2		9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	83
3		Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	81
4		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	76
5		8-Hexadecyne	222	C16H30	019781-86-3	74



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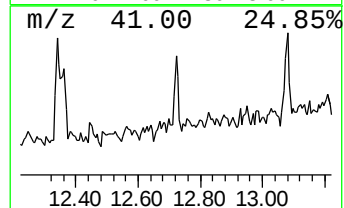
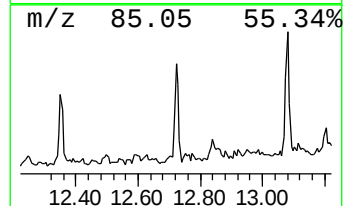
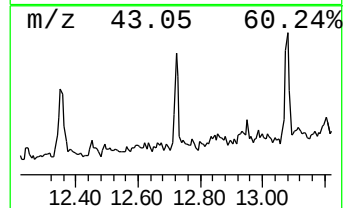
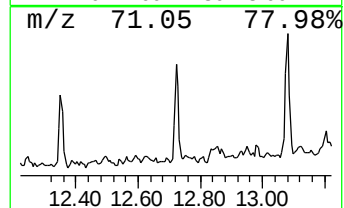
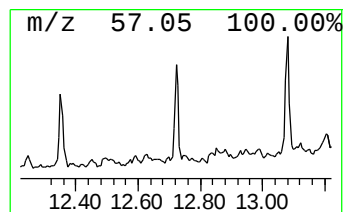
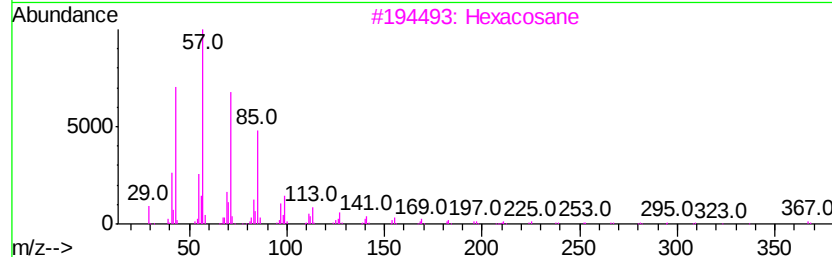
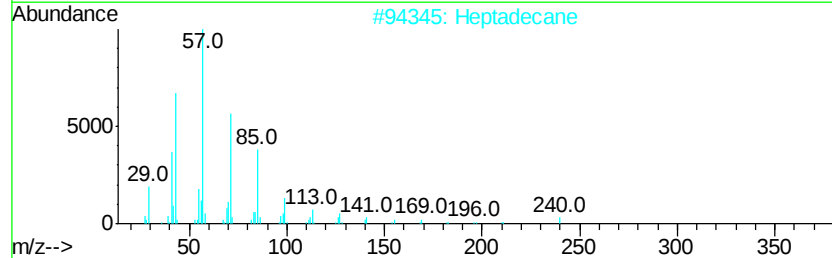
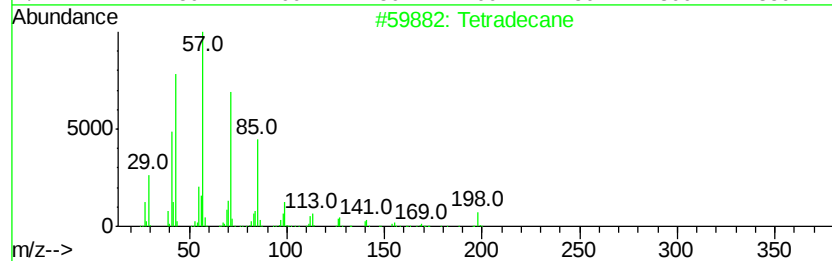
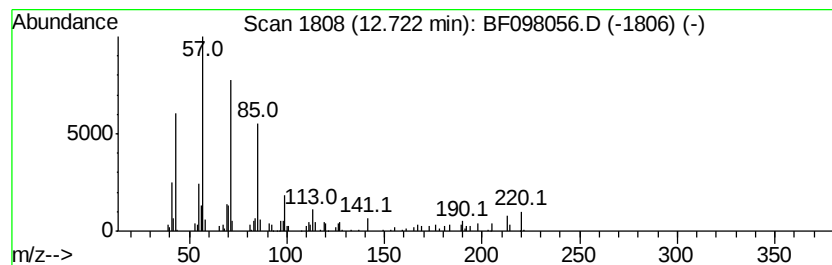
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.17 ng	54133	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	83
2		Heptadecane	240	C17H36	000629-78-7	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Octadecane	254	C18H38	000593-45-3	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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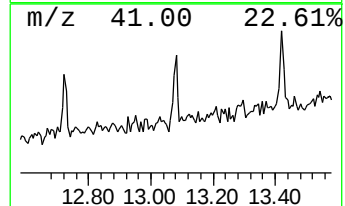
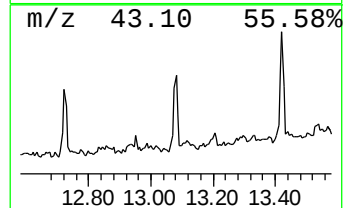
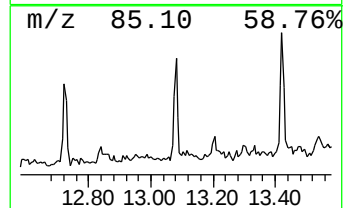
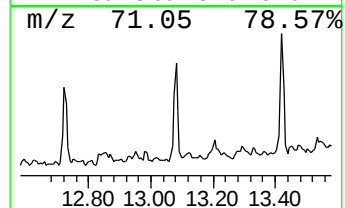
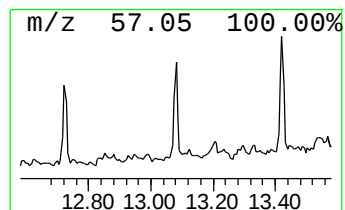
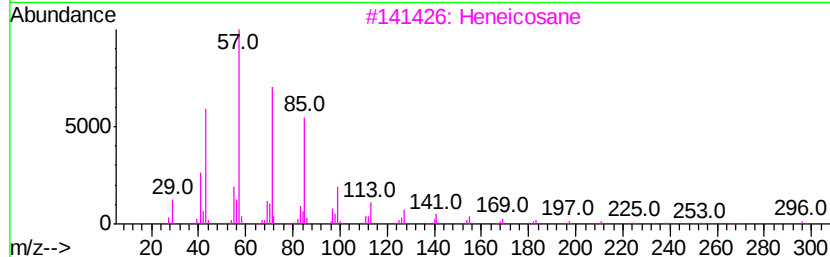
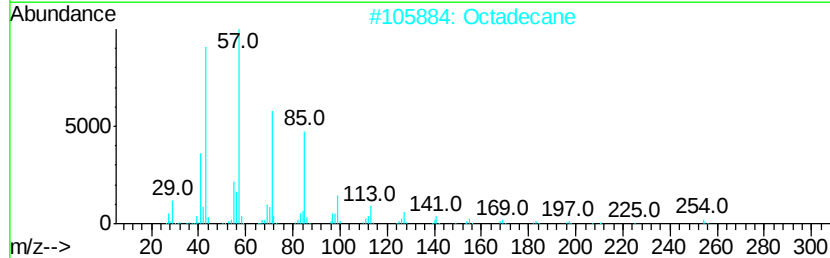
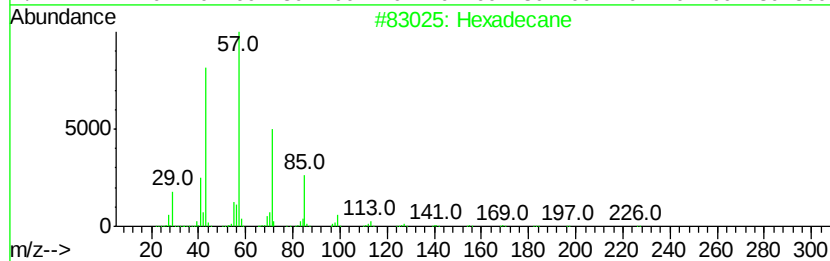
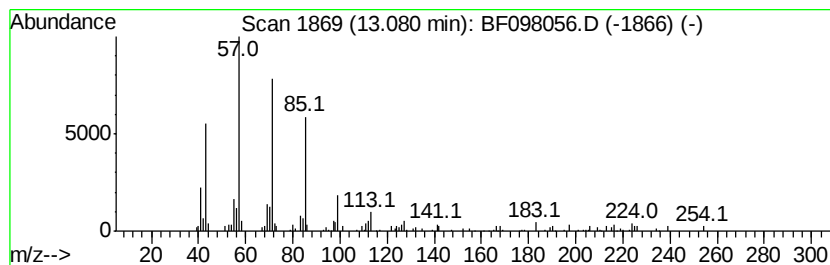
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.08	3.03 ng	75751	Chrysene-d12		13.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptadecane	240	C17H36	000629-78-7	72



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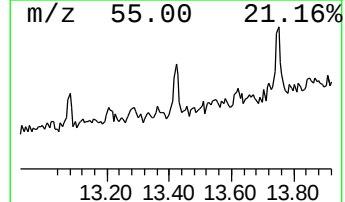
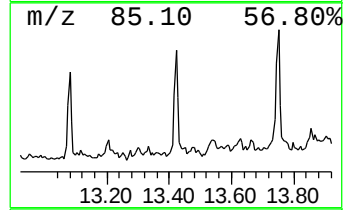
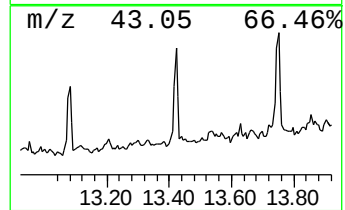
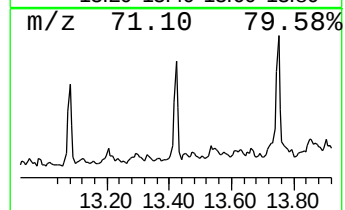
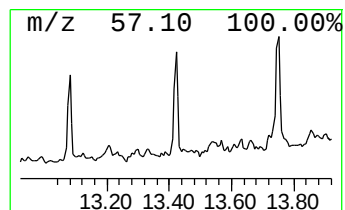
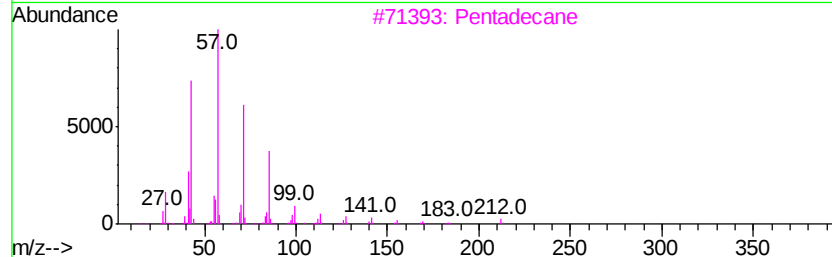
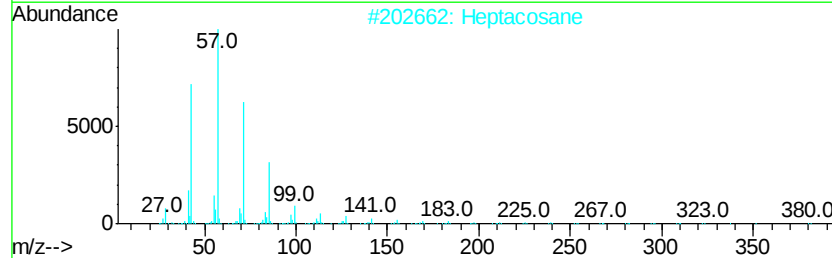
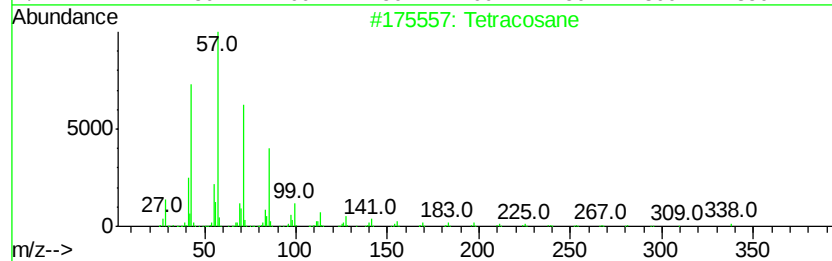
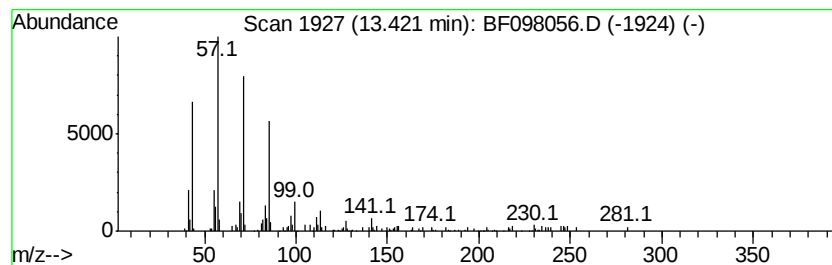
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.54 ng	88492	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptacosane	380	C27H56	000593-49-7	74
3	Pentadecane	212	C15H32	000629-62-9	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098056.D
Acq On : 26 Aug 2017 3:18
Operator : SJ/JU
Sample : I4964-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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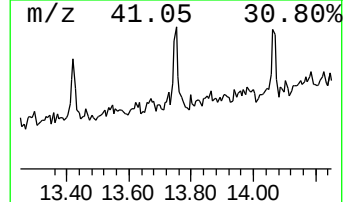
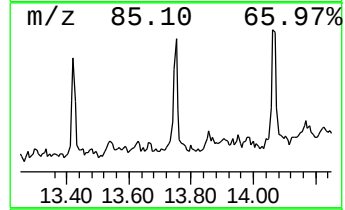
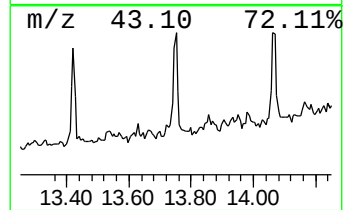
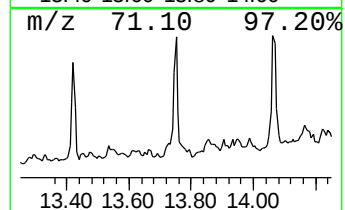
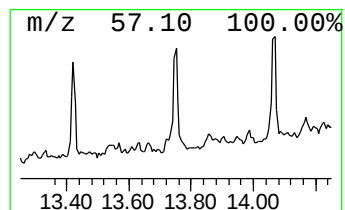
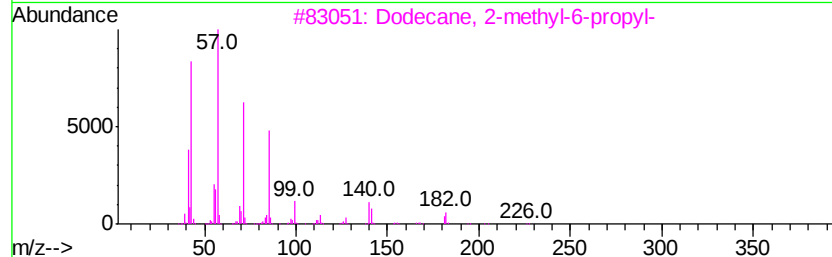
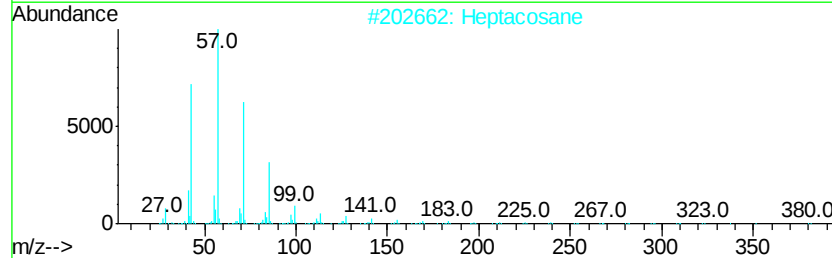
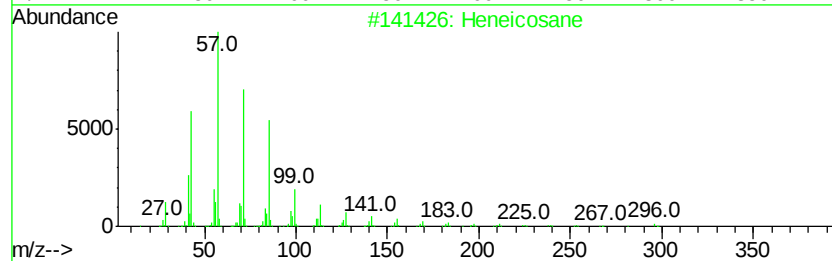
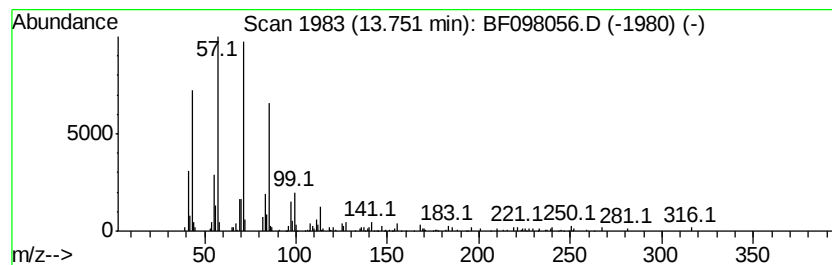
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.81 ng	120188	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptacosane		380	C27H56	000593-49-7	72
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	70
4	Sulfurous acid, octadecyl pentyl...		404	C23H48O3S	1000309-15-0	58
5	Cetene		224	C16H32	000629-73-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
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ClientSampleId :
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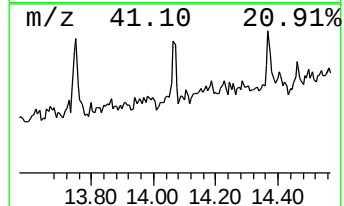
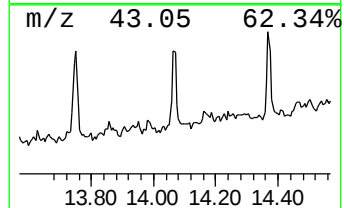
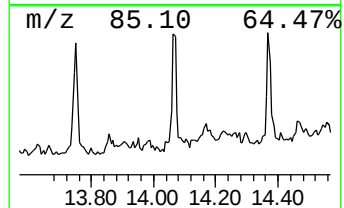
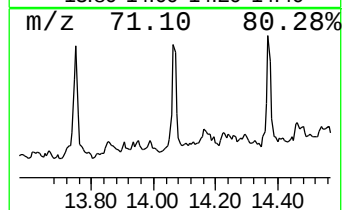
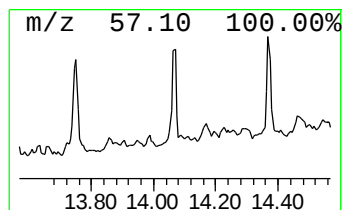
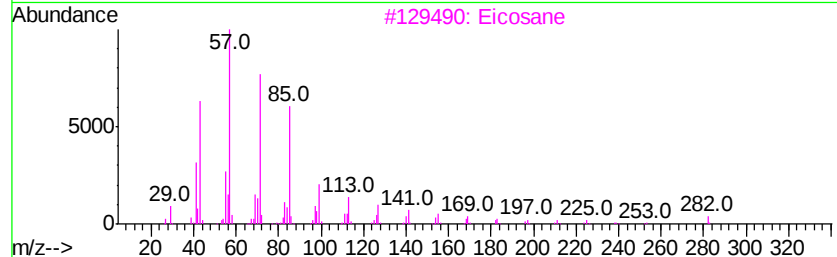
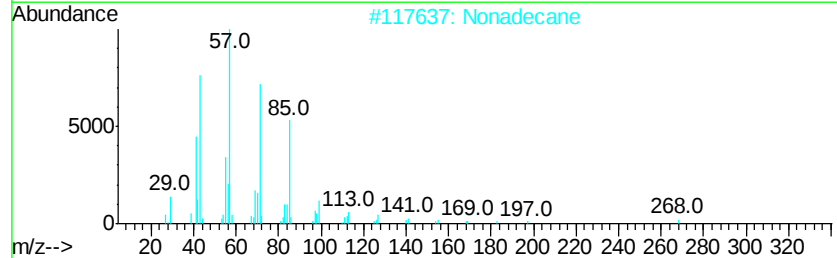
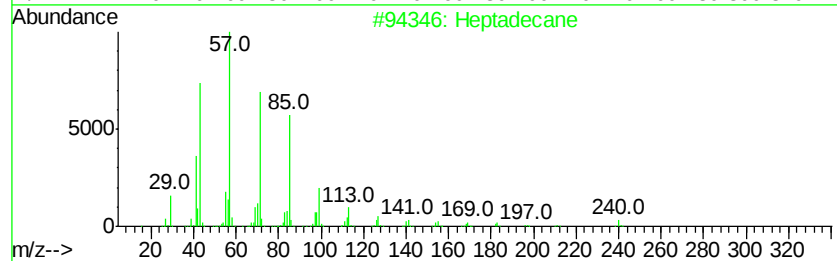
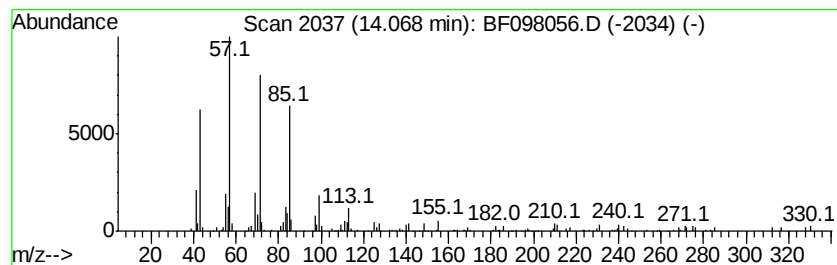
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.20 ng	79956	Chrysene-d12	13.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Nonadecane		268	C19H40	000629-92-5	93
3	Eicosane		282	C20H42	000112-95-8	87
4	5-Ethyl-5-methylnonadecane		310	C22H46	1000360-42-7	86
5	Heneicosane		296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
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Acq On : 26 Aug 2017 3:18
Operator : SJ/JU
Sample : I4964-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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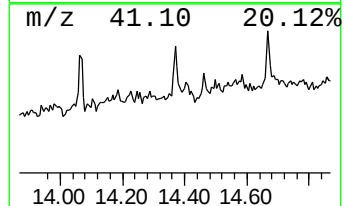
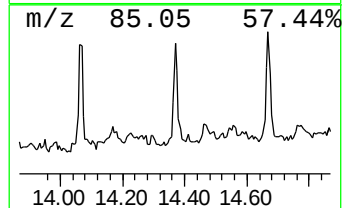
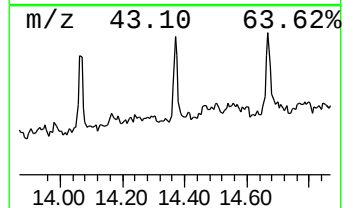
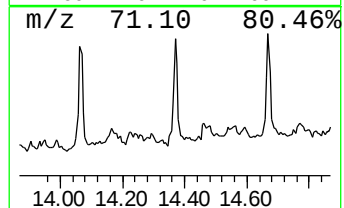
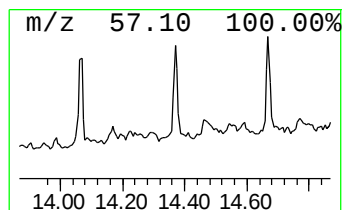
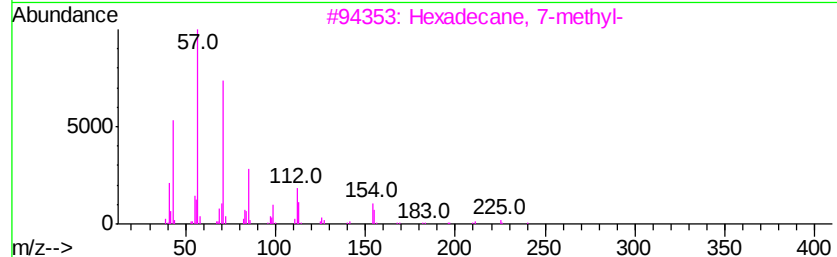
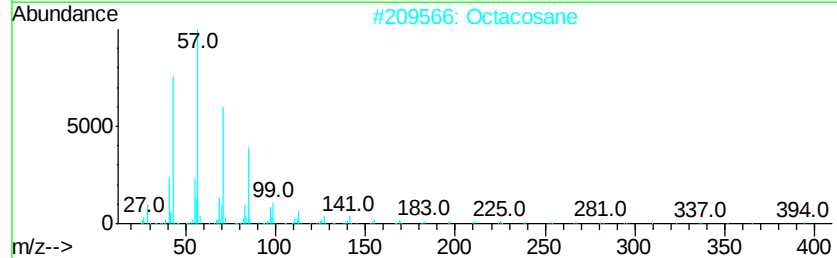
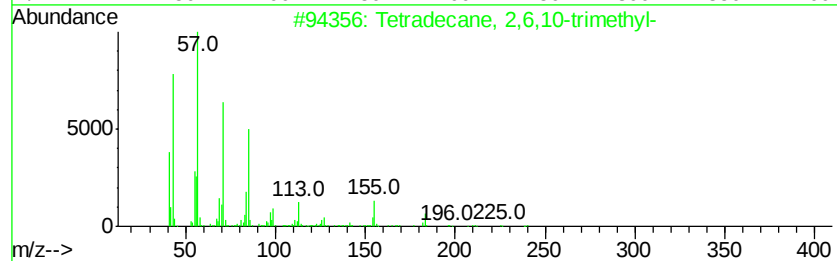
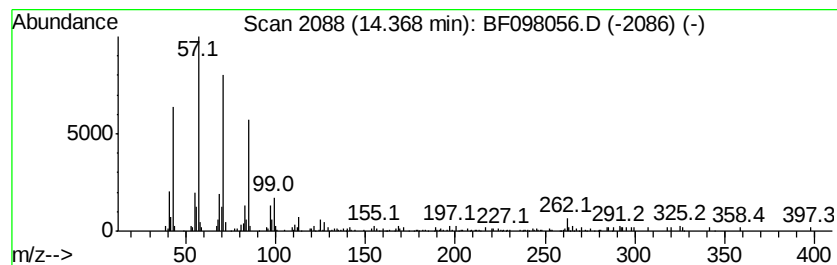
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.53 ng	88211	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
4		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
Data File : BF098056.D
Acq On : 26 Aug 2017 3:18
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-82417

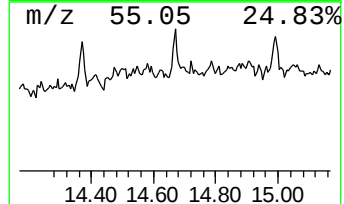
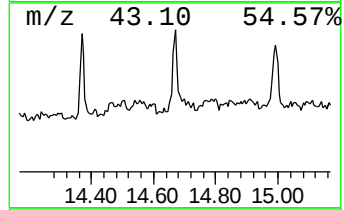
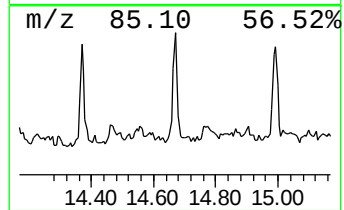
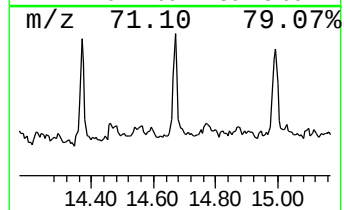
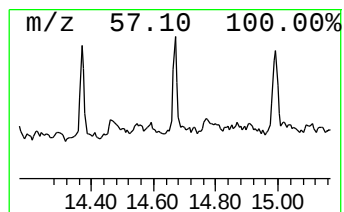
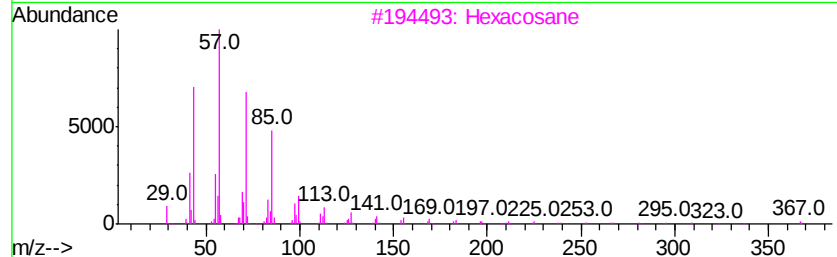
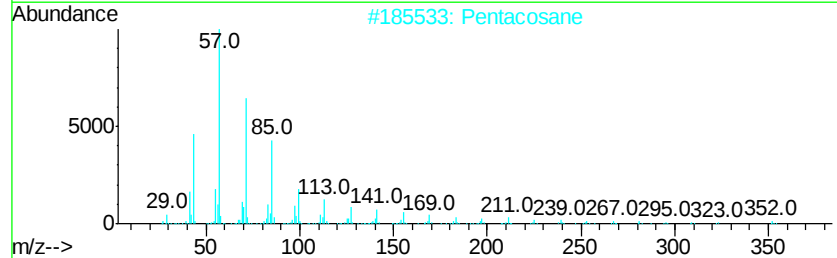
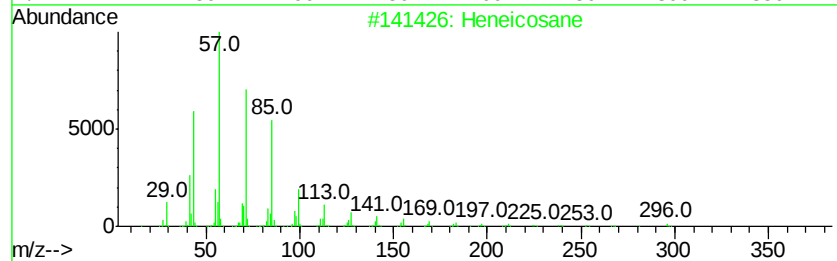
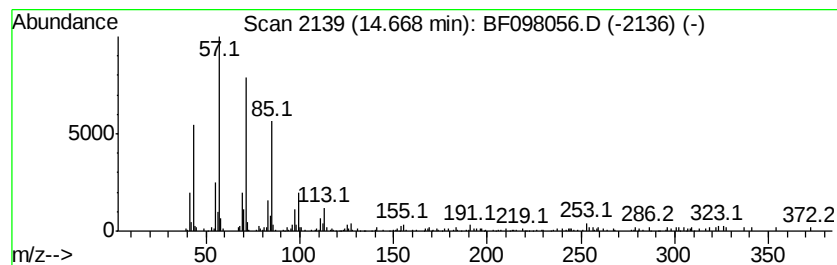
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	9.53 ng	141586	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
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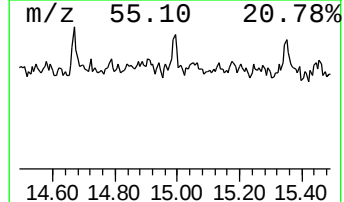
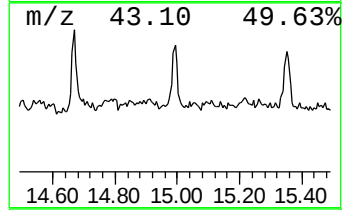
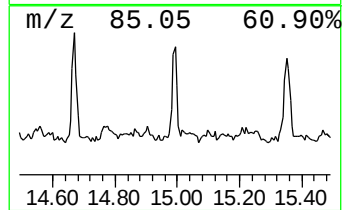
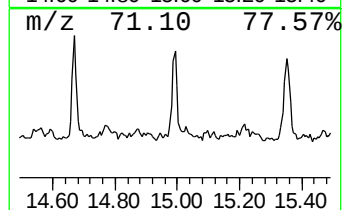
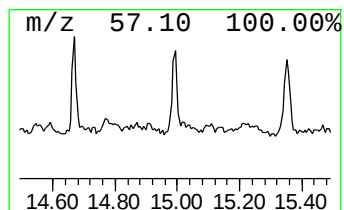
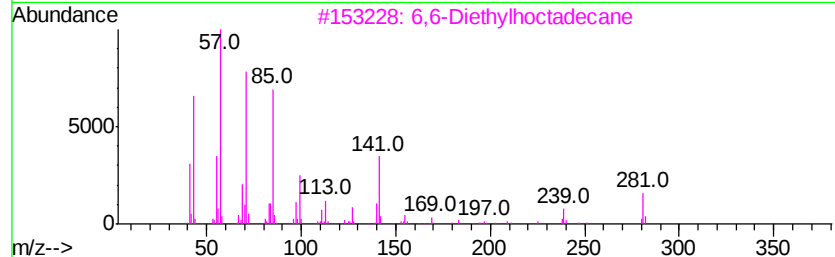
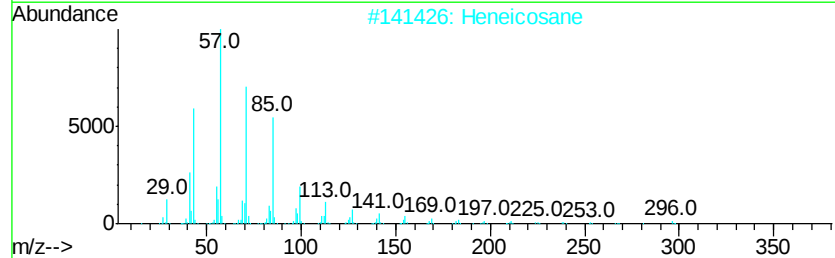
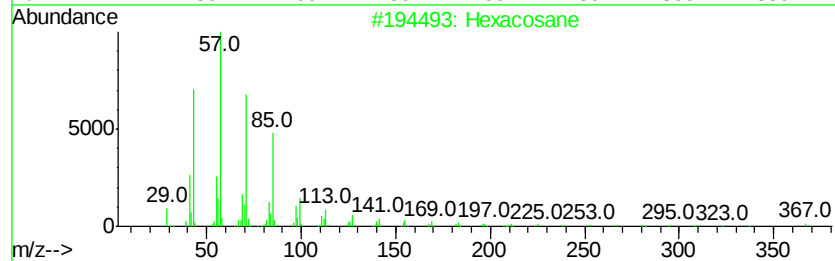
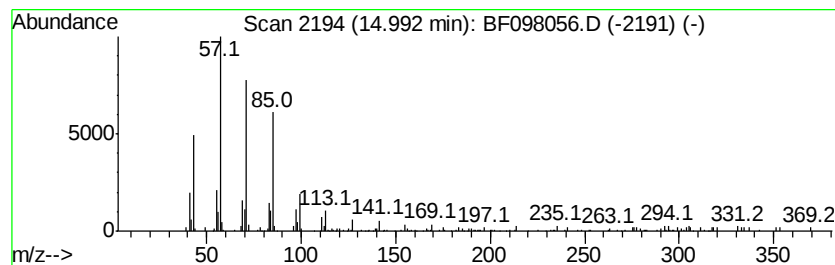
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.99	6.38 ng	94768	Perylene-d12		15.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	6,6-Diethylvhooctadecane	310	C22H46	1000360-41-8	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082517\
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Acq On : 26 Aug 2017 3:18
Operator : SJ/JU
Sample : I4964-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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3,4-Octadiene, 7-...	12.34	3.5	ng	101553	4	11.26	574708	20.0
Tetradecane	12.72	2.2	ng	54133	5	13.89	499496	20.0
Hexadecane	13.08	3.0	ng	75751	5	13.89	499496	20.0
Tetracosane	13.42	3.5	ng	88492	5	13.89	499496	20.0
Heneicosane	13.75	4.8	ng	120188	5	13.89	499496	20.0
Heptadecane	14.07	3.2	ng	79956	5	13.89	499496	20.0
Tetradecane, 2,6,...	14.37	3.5	ng	88211	5	13.89	499496	20.0
Heptadecane, 9-oc...	14.67	9.5	ng	141586	6	15.32	297167	20.0
Hexacosane	14.99	6.4	ng	94768	6	15.32	297167	20.0