

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107180.D
 Acq On : 6 Jul 2018 18:34
 Operator : JU/SJ
 Sample : J3852-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

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-BF061918.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	5.184	480	484	497	rBV	144635	183318	10.87%	1.309%
2	5.589	549	553	574	rBV	1246988	1186160	70.37%	8.469%
3	6.595	719	724	738	rBV	1103488	1237081	73.39%	8.832%
4	6.725	742	746	749	rVV	1333145	1204613	71.46%	8.600%
5	6.772	752	754	764	rVB	18266	21563	1.28%	0.154%
6	6.942	780	783	787	rBV	435561	375680	22.29%	2.682%
7	7.101	806	810	813	rBV	1116252	990944	58.78%	7.075%
8	7.513	875	880	883	rBV	818904	767740	45.54%	5.481%
9	8.230	997	1002	1022	rBV	458888	471442	27.97%	3.366%
10	9.301	1179	1184	1187	rBV	1548533	1349985	80.08%	9.638%
11	9.695	1247	1251	1260	rVB	264534	235947	14.00%	1.685%
12	9.989	1297	1301	1309	rVB	490548	471648	27.98%	3.367%
13	10.783	1432	1436	1447	rBV	758351	684599	40.61%	4.888%
14	10.877	1447	1452	1457	rVB2	12598	18730	1.11%	0.134%
15	11.483	1551	1555	1558	rBV	429724	398033	23.61%	2.842%
16	12.936	1799	1802	1805	rVB	24413	20801	1.23%	0.149%
17	13.065	1819	1824	1827	rBV	1278011	1167399	69.25%	8.335%
18	13.265	1853	1858	1862	rBV2	24078	25397	1.51%	0.181%
19	13.607	1913	1916	1919	rBV	34827	32416	1.92%	0.231%
20	13.942	1965	1973	1978	rBV2	129064	179479	10.65%	1.281%
21	14.083	1993	1997	2000	rBV	1785120	1685721	100.00%	12.035%
22	14.136	2000	2006	2009	rBV	510071	489033	29.01%	3.492%
23	14.254	2023	2026	2029	rBV	47381	49538	2.94%	0.354%
24	14.565	2076	2079	2087	rBV	63481	78327	4.65%	0.559%
25	14.883	2129	2133	2136	rBV	60226	68887	4.09%	0.492%
26	15.230	2186	2192	2198	rBV2	67597	98333	5.83%	0.702%
27	15.630	2256	2260	2262	rBV	45113	56826	3.37%	0.406%
28	15.665	2262	2266	2275	rVB2	260203	368951	21.89%	2.634%
29	16.083	2333	2337	2343	rVB	39586	61356	3.64%	0.438%
30	16.618	2424	2428	2433	rVB3	16256	26395	1.57%	0.188%

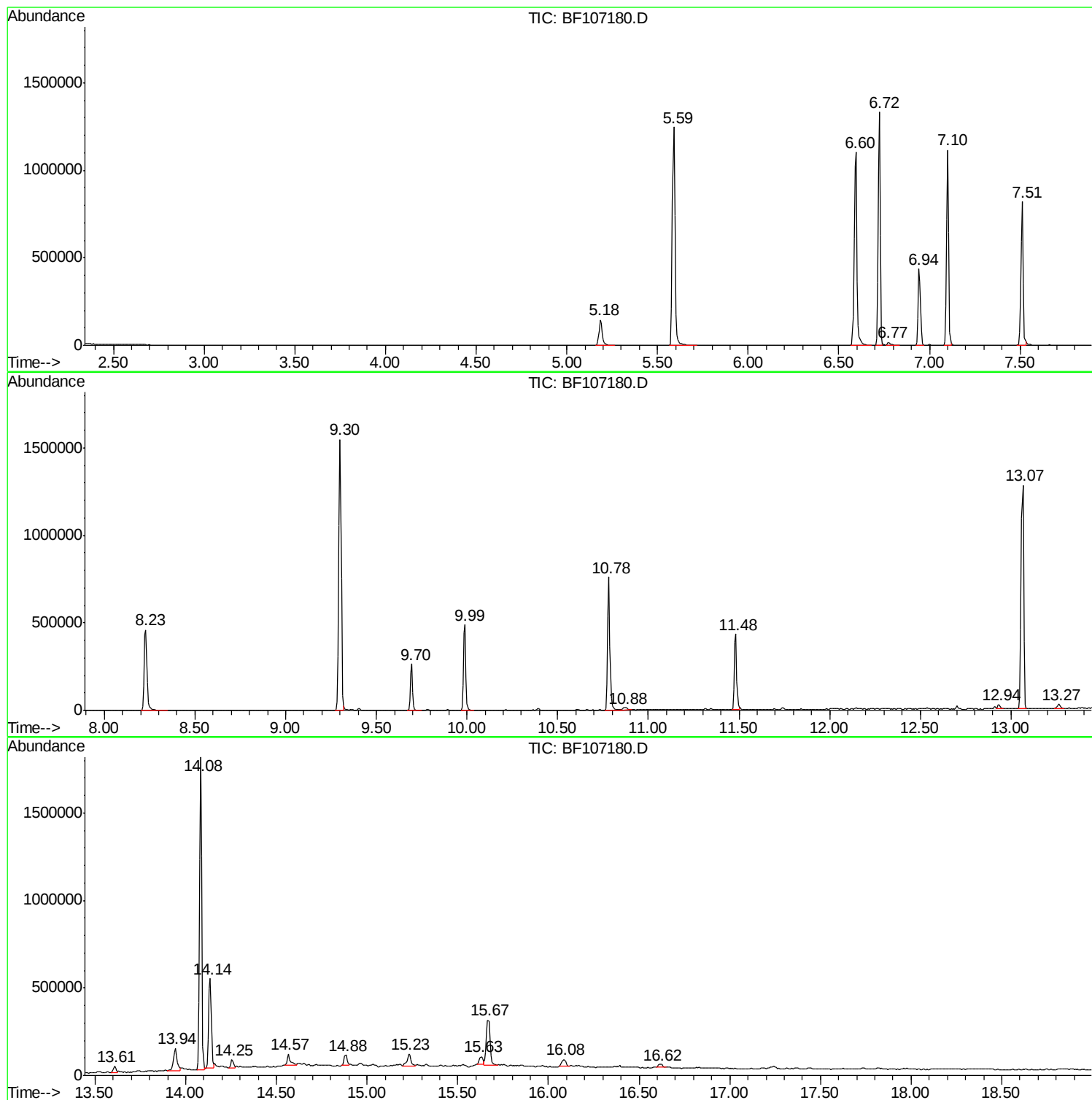
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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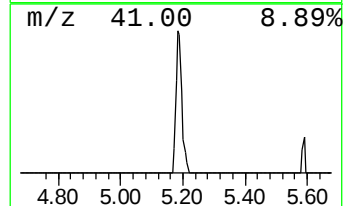
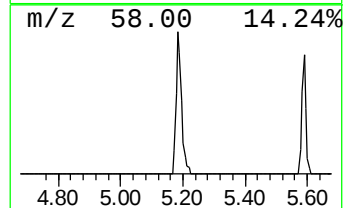
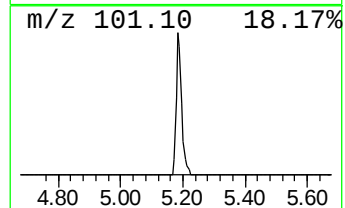
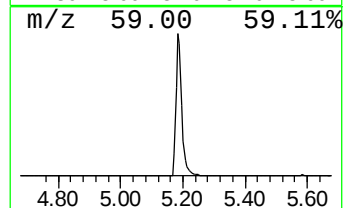
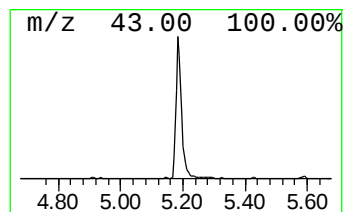
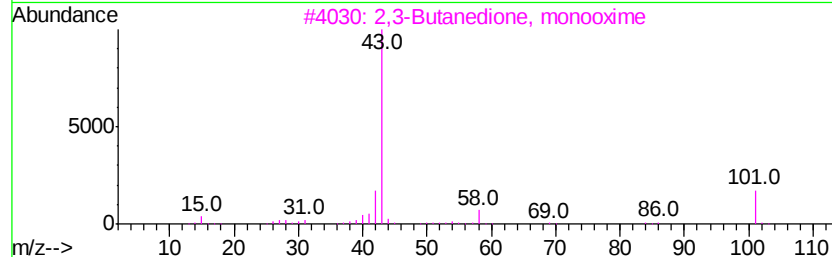
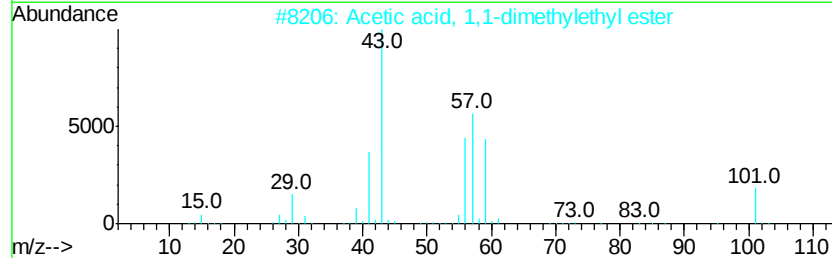
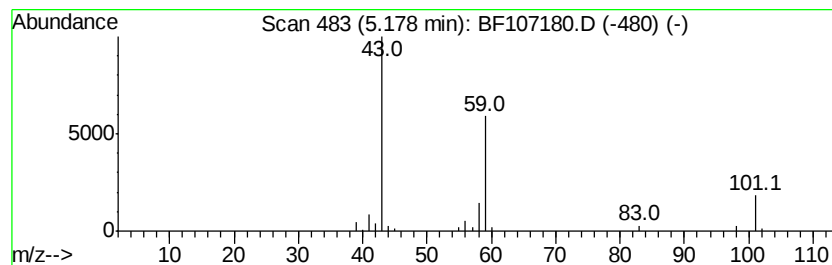
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.76 ng	183318	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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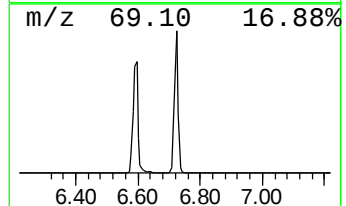
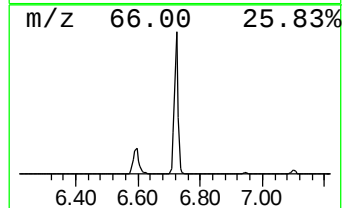
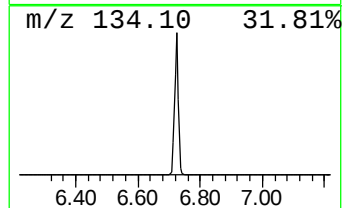
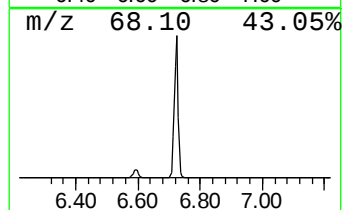
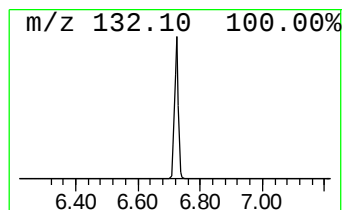
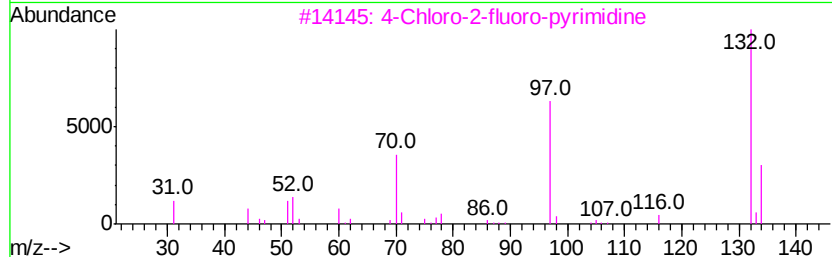
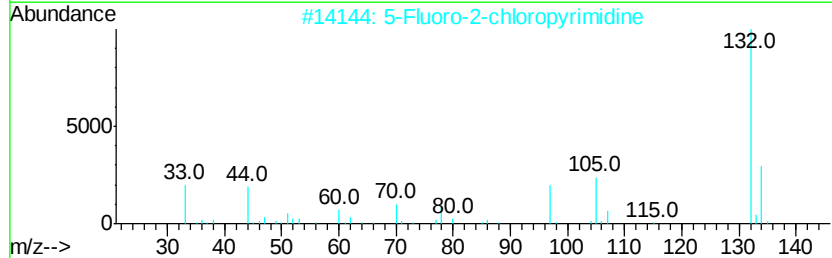
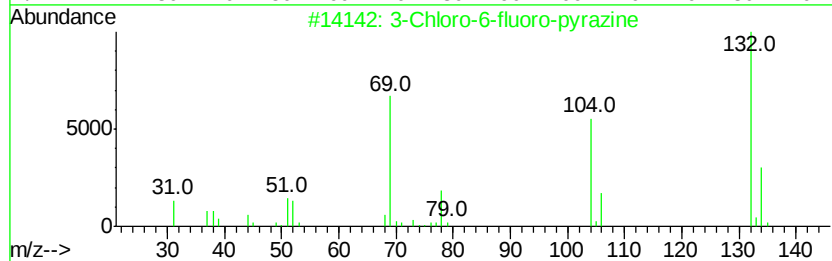
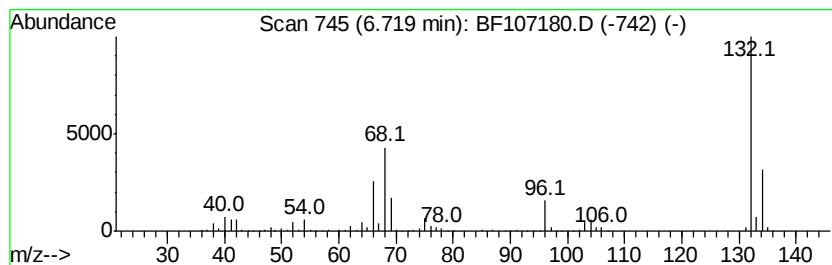
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Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	64.13 ng	1204610	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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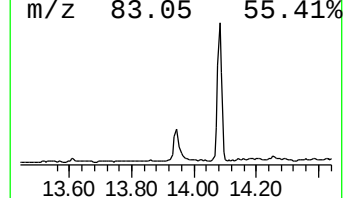
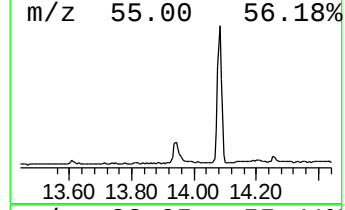
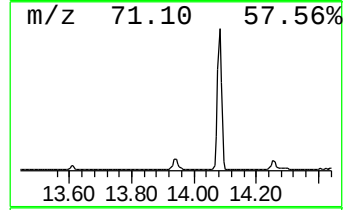
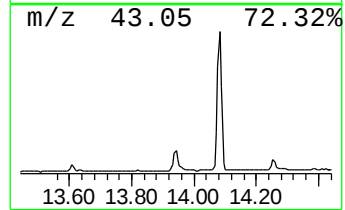
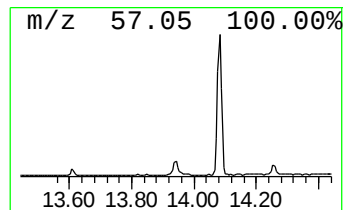
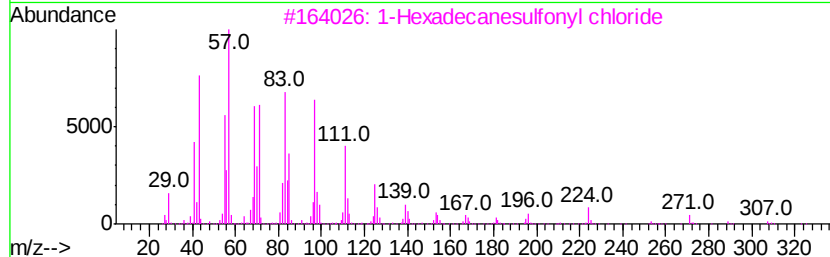
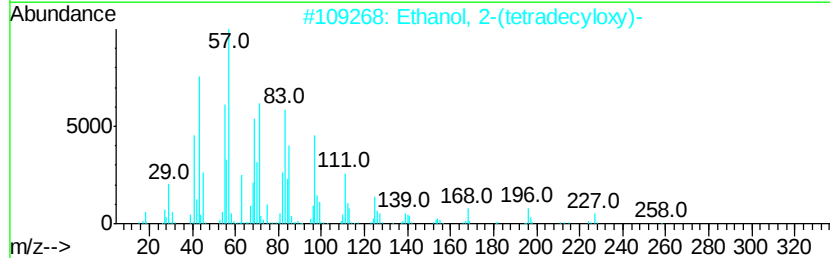
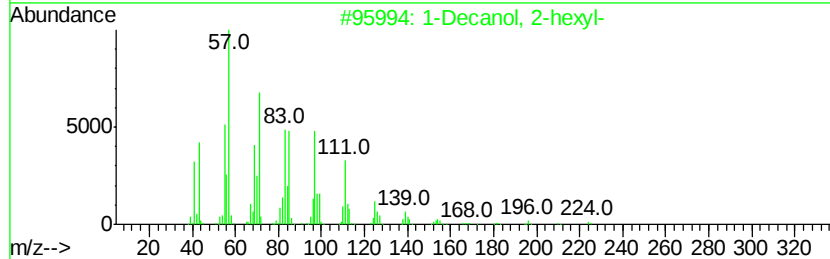
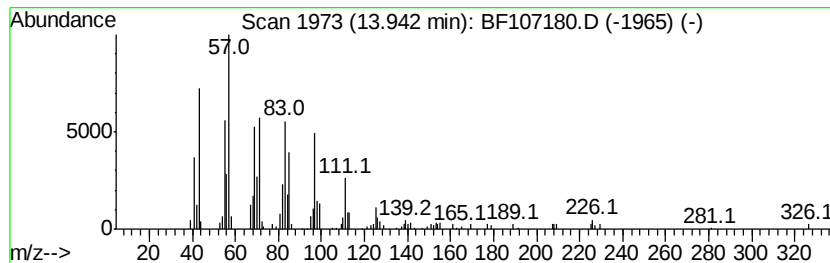
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Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.34 ng	179479	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90



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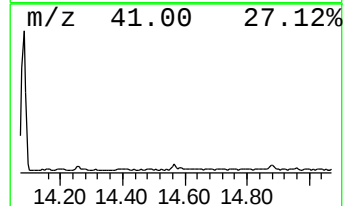
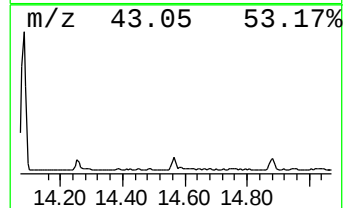
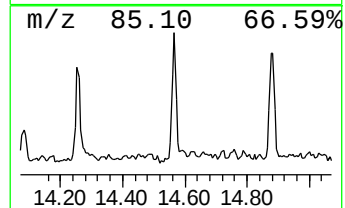
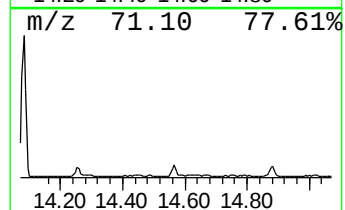
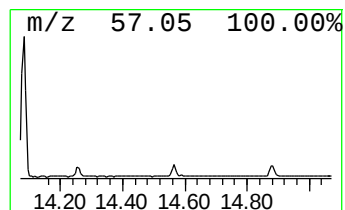
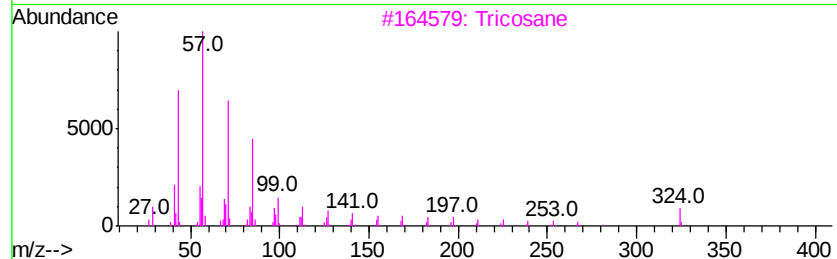
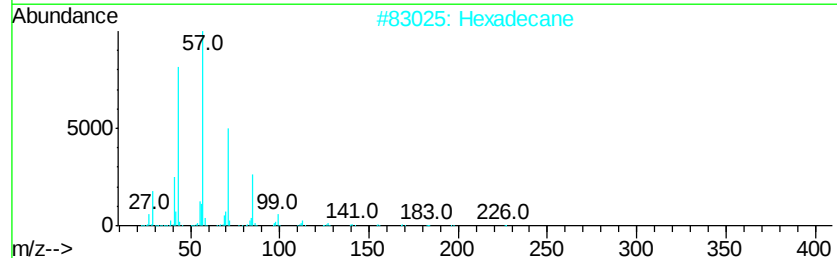
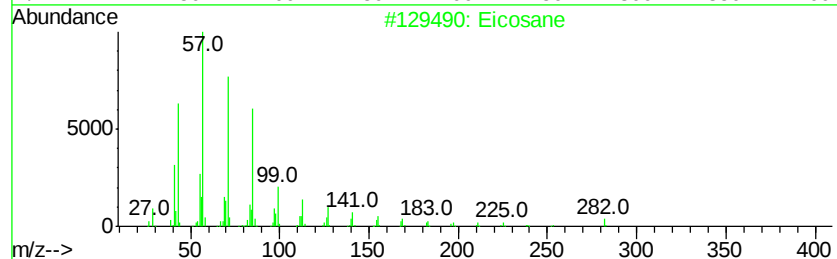
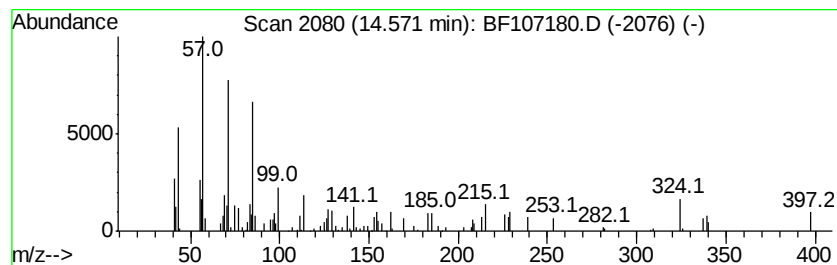
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.20 ng	78327	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Hexadecane		226	C16H34	000544-76-3	93
3	Tricosane		324	C23H48	000638-67-5	90
4	Nonadecane		268	C19H40	000629-92-5	87
5	Hexacosane		366	C26H54	000630-01-3	87



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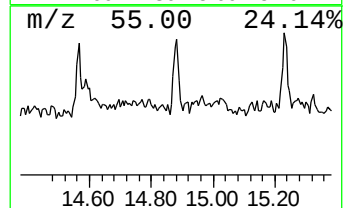
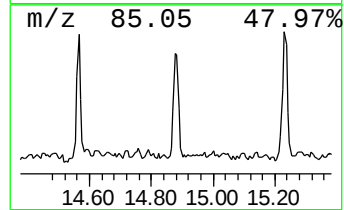
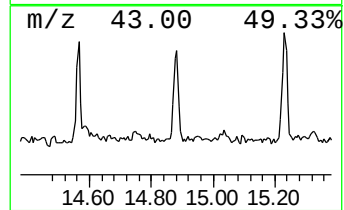
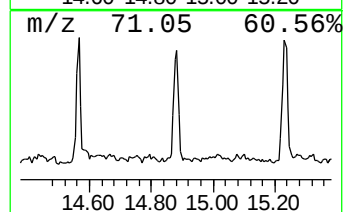
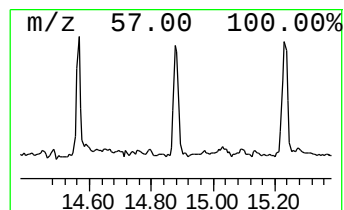
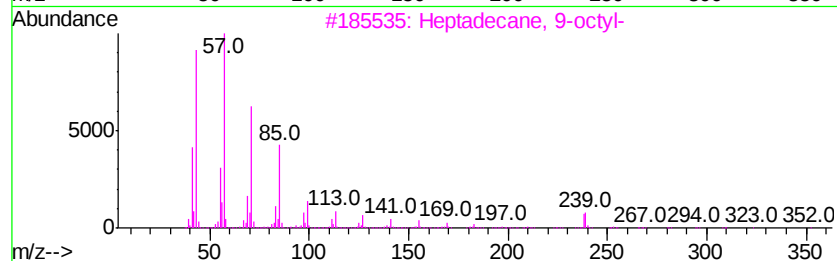
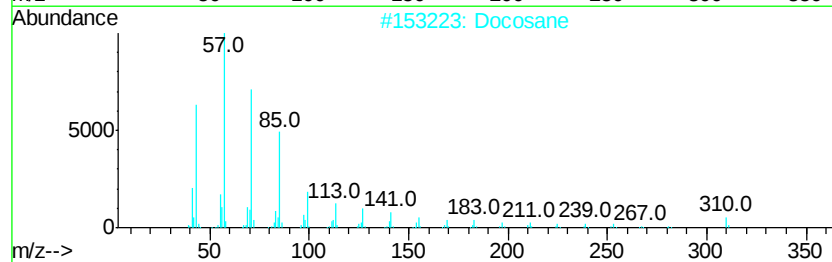
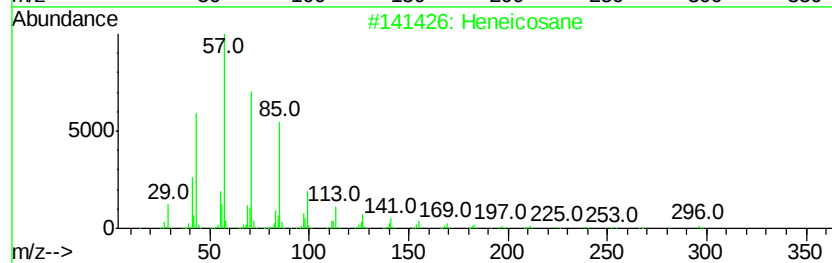
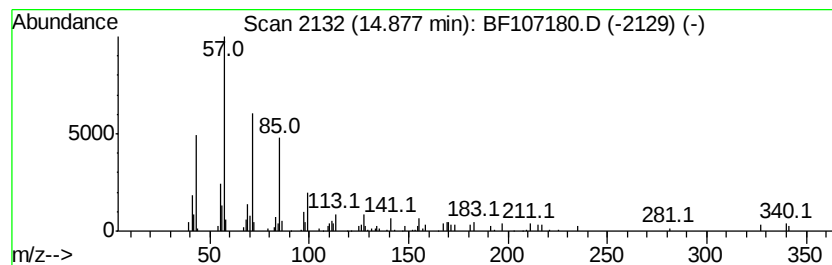
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Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.82 ng	68887	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Docosane	310	C22H46	000629-97-0	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87



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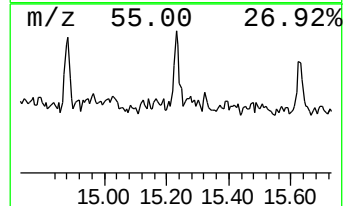
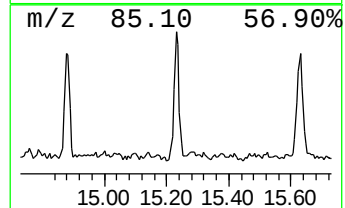
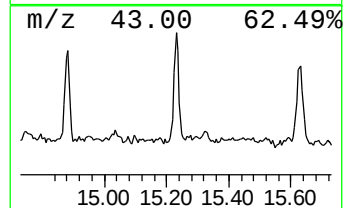
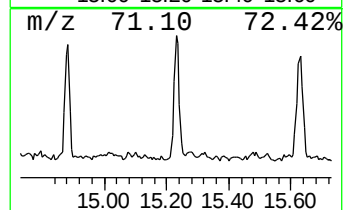
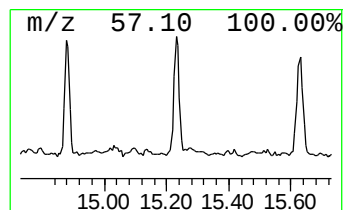
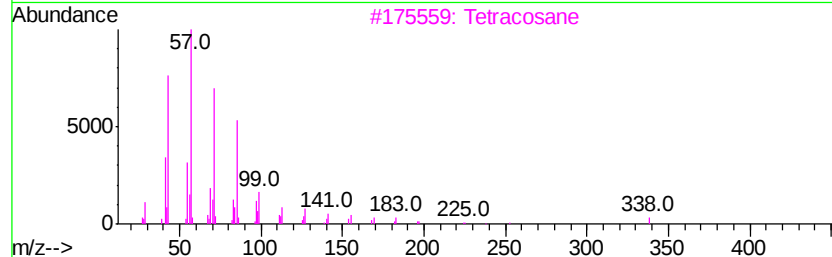
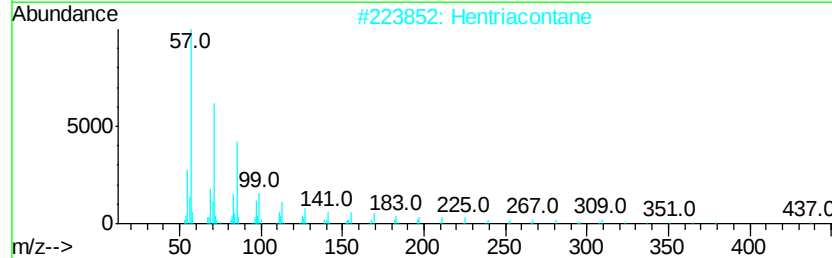
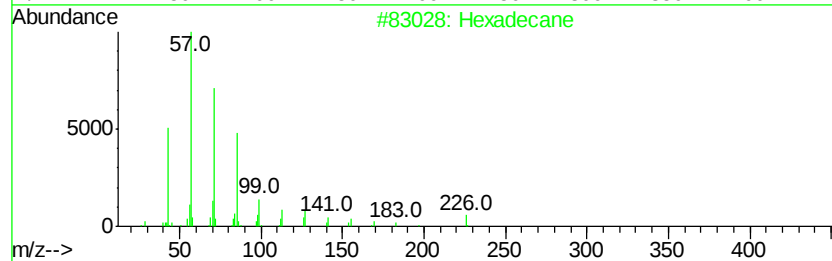
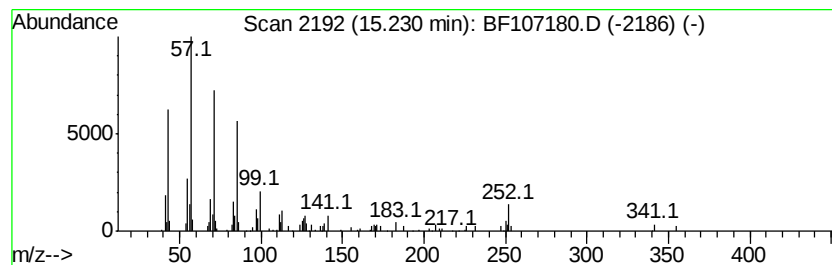
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.33 ng	98333	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane	310	C22H46	000629-97-0	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107180.D
Acq On : 6 Jul 2018 18:34
Operator : JU/SJ
Sample : J3852-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

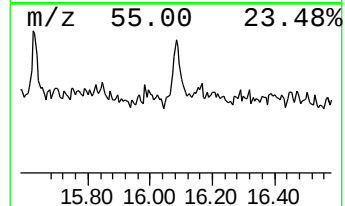
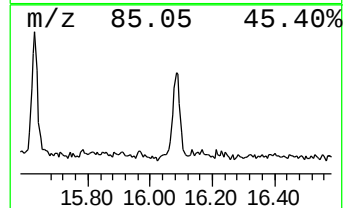
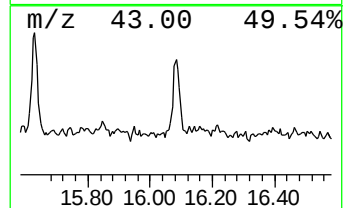
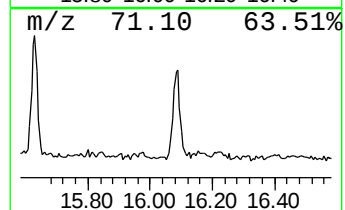
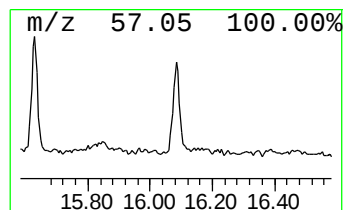
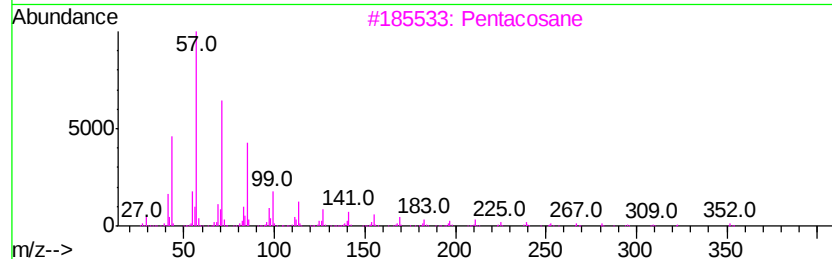
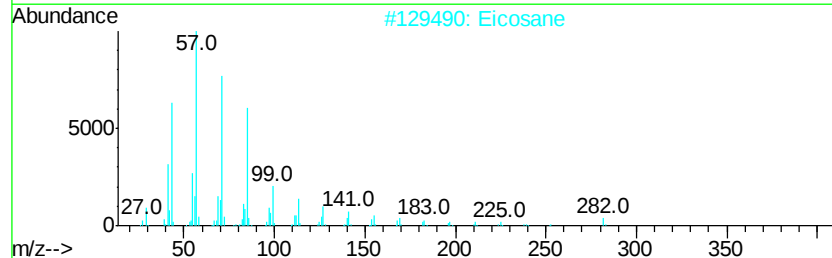
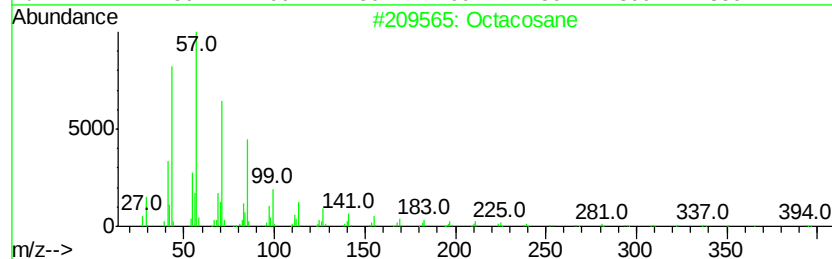
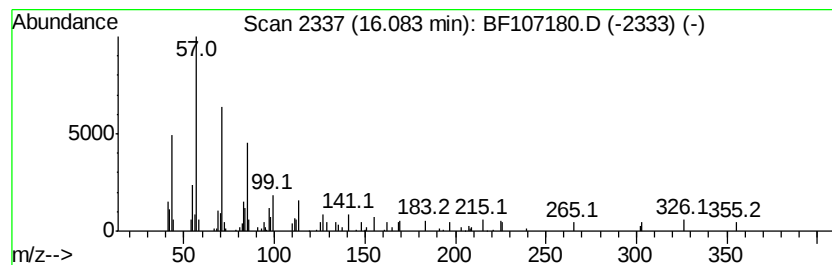
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.33 ng	61356	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Eicosane	282	C20H42	000112-95-8	83
3		Pentacosane	352	C25H52	000629-99-2	81
4		Docosane	310	C22H46	000629-97-0	81
5		Octadecane	254	C18H38	000593-45-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107180.D
Acq On : 6 Jul 2018 18:34
Operator : JU/SJ
Sample : J3852-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.8	ng	183318	1	6.94	375680	20.0
unknown6.72	6.72	64.1	ng	1204610	1	6.94	375680	20.0
1-Decanol, 2-hexyl-	13.94	7.3	ng	179479	5	14.14	489033	20.0
Eicosane	14.57	3.2	ng	78327	5	14.14	489033	20.0
Heneicosane	14.88	2.8	ng	68887	5	14.14	489033	20.0
Hexadecane	15.23	5.3	ng	98333	6	15.67	368951	20.0
Octacosane	16.08	3.3	ng	61356	6	15.67	368951	20.0