

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086337.D
 Acq On : 21 Apr 2016 4:49
 Operator : UM/SJ
 Sample : H2569-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-EW2

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-BF042016.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.201	8	10	18	rVV	722234	1141340	31.38%	3.245%
2	2.315	18	20	29	rVB2	96122	240876	6.62%	0.685%
3	2.441	29	31	36	rVB2	27741	60047	1.65%	0.171%
4	5.047	257	259	265	rBV	204003	259899	7.15%	0.739%
5	5.458	293	295	298	rBV	2486709	3382965	93.02%	9.619%
6	5.961	336	339	346	rVB4	11001	38300	1.05%	0.109%
7	6.499	383	386	395	rBV	2930022	3576997	98.36%	10.171%
8	6.636	395	398	400	rBV	3562577	3636728	100.00%	10.341%
9	6.864	416	418	429	rVB	1232920	1300904	35.77%	3.699%
10	7.024	429	432	434	rBV	3107759	2893177	79.55%	8.227%
11	7.424	465	467	470	rBV	1311688	1970169	54.17%	5.602%
12	7.527	474	476	483	rVB	85067	142091	3.91%	0.404%
13	8.156	528	531	533	rBV	1417152	1485808	40.86%	4.225%
14	8.270	539	541	546	rVB	24819	37837	1.04%	0.108%
15	9.230	622	625	627	rBV	3725972	3419243	94.02%	9.723%
16	9.310	631	632	645	rVB2	40937	101391	2.79%	0.288%
17	9.619	657	659	662	rBV	449924	466319	12.82%	1.326%
18	9.847	677	679	680	rBV	53260	70354	1.93%	0.200%
19	9.905	682	684	687	rBV	1420717	1347364	37.05%	3.831%
20	10.339	721	722	724	rVB	135155	109178	3.00%	0.310%
21	10.556	738	741	745	rBV	40075	73281	2.02%	0.208%
22	10.693	750	753	759	rVV	1492273	1666129	45.81%	4.738%
23	10.819	762	764	771	rVB	103404	190994	5.25%	0.543%
24	11.265	801	803	804	rBV	81888	85435	2.35%	0.243%
25	11.390	812	814	823	rBV	1194151	1371438	37.71%	3.900%
26	11.688	838	840	843	rVB	66196	59995	1.65%	0.171%
27	12.602	917	920	924	rBV	80390	102152	2.81%	0.290%
28	12.831	938	940	941	rBV	49882	56362	1.55%	0.160%
29	12.853	941	942	944	rVB	95990	65960	1.81%	0.188%
30	12.979	950	953	955	rBV	2052214	2609077	71.74%	7.419%
31	13.208	971	973	979	rBV2	71762	112786	3.10%	0.321%
32	13.551	1001	1003	1005	rBV	101816	94068	2.59%	0.267%
33	13.905	1029	1034	1039	rBV	320876	717045	19.72%	2.039%
34	14.019	1042	1044	1050	rVV	767335	1123479	30.89%	3.195%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.134	1051	1054	1055	rVV	47729	60531	1.66%	0.172%
36	14.191	1057	1059	1062	rBV	53298	78210	2.15%	0.222%
37	14.499	1083	1086	1088	rBV	105340	136525	3.75%	0.388%
38	14.797	1111	1112	1116	rVB	99170	99488	2.74%	0.283%
39	15.459	1167	1170	1177	rVB	450009	783924	21.56%	2.229%

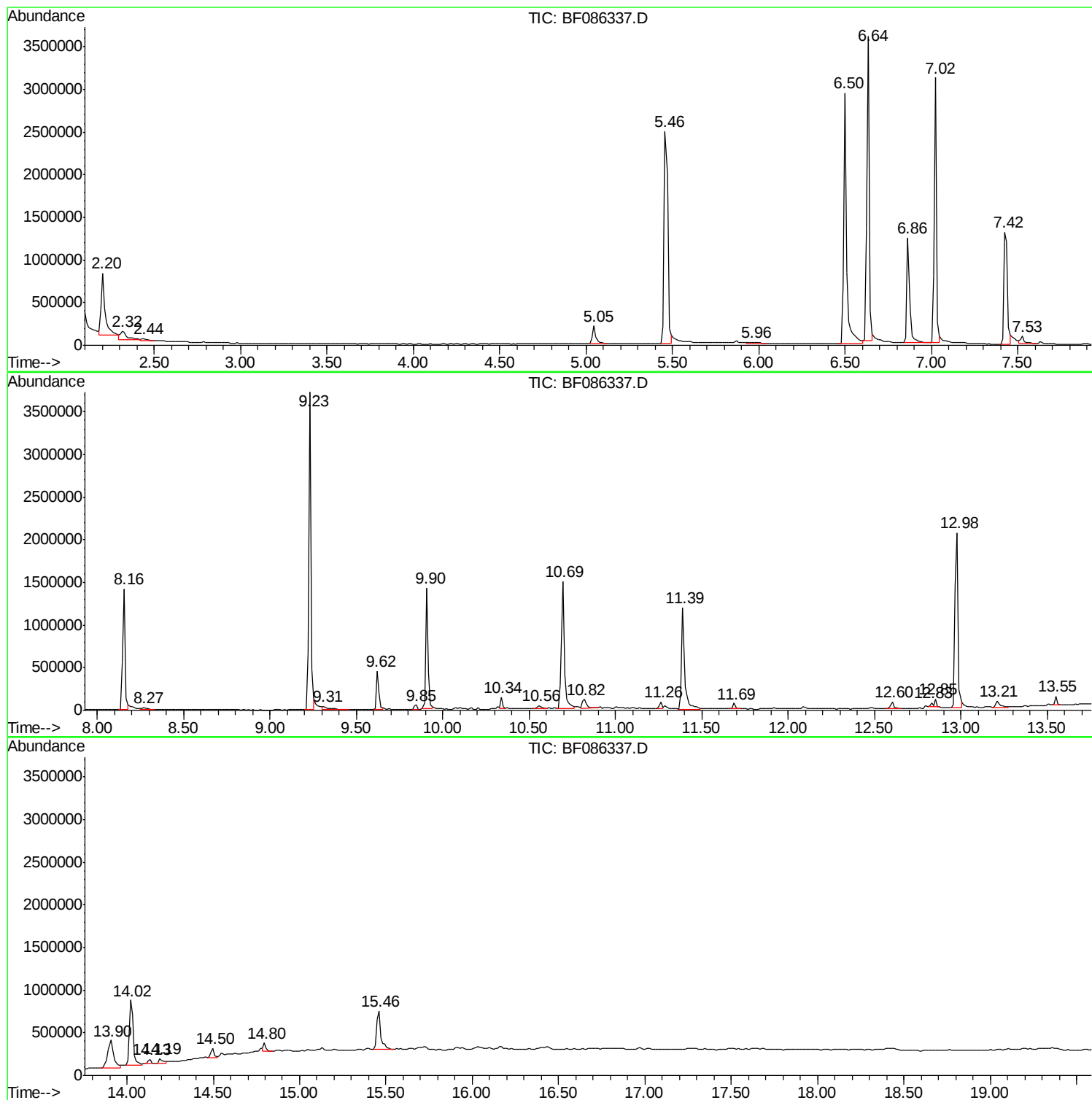
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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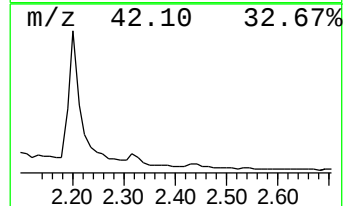
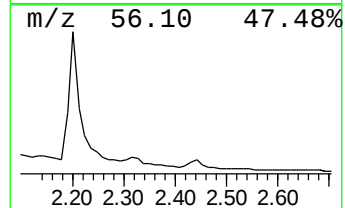
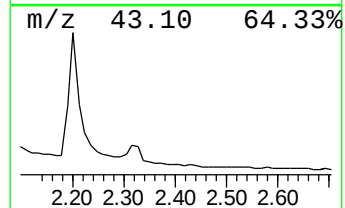
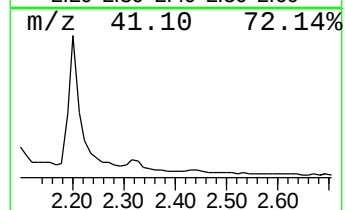
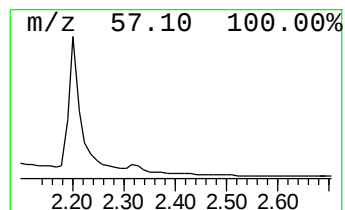
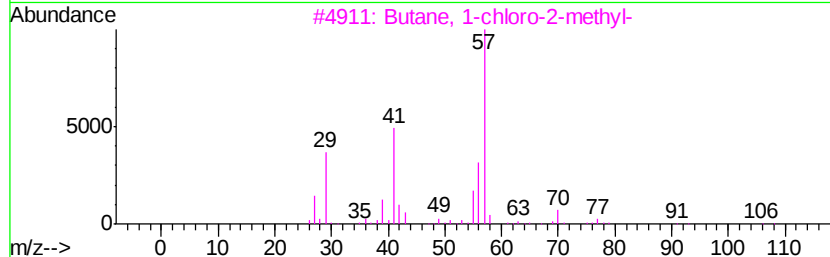
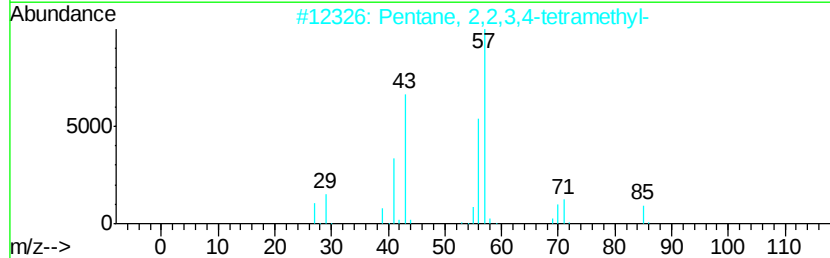
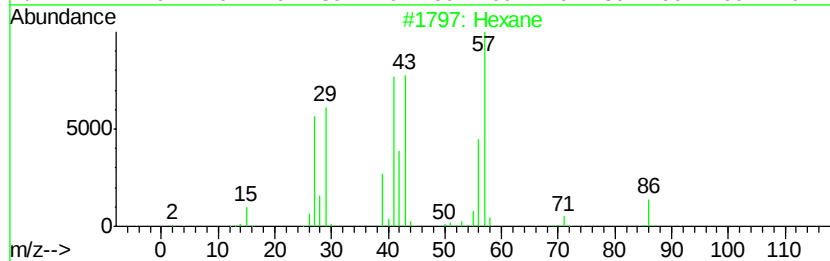
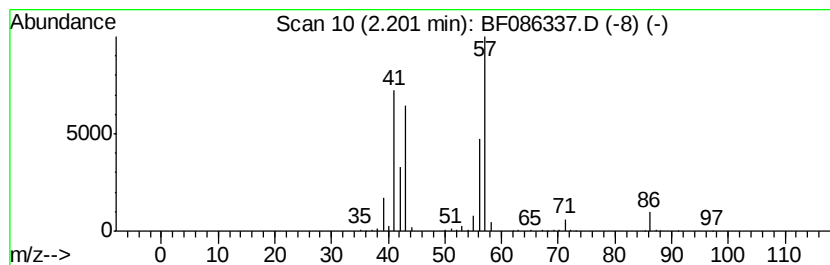
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	17.55 ng	1141340	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane	86	C6H14	000110-54-3	72
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
3		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	33
4		3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	25
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	25



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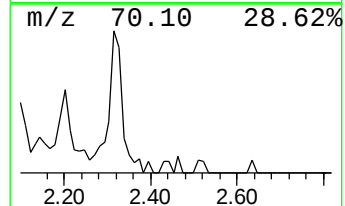
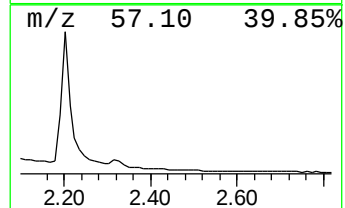
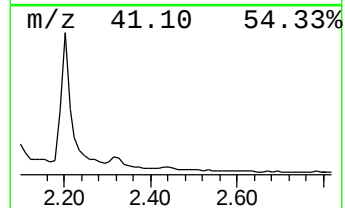
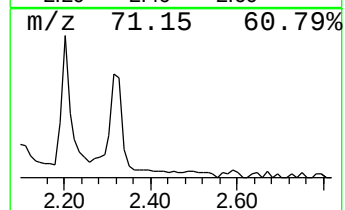
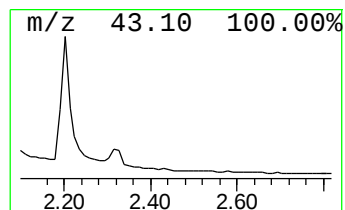
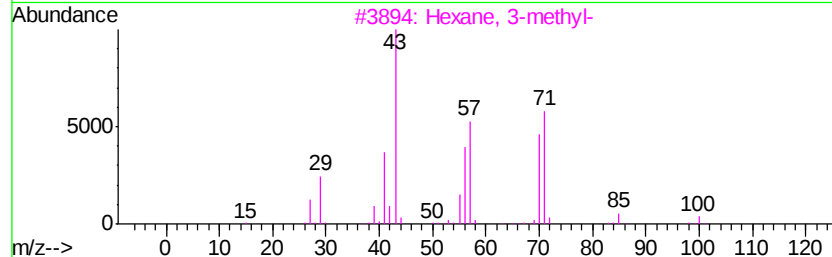
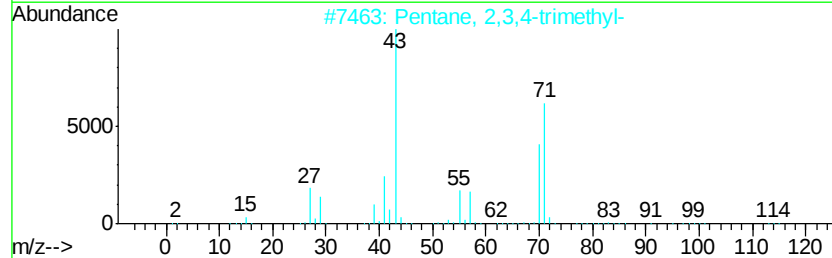
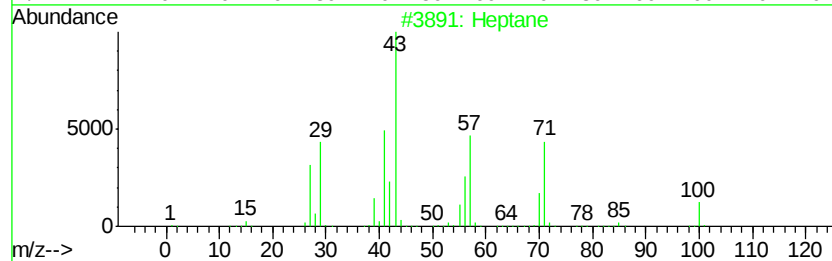
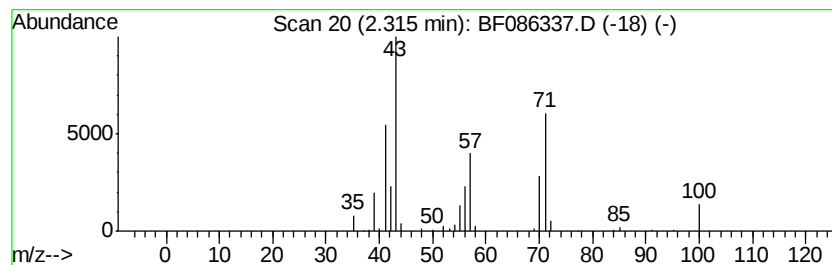
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Heptane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.70 ng	240876	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	72
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	28
4			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	28
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	28



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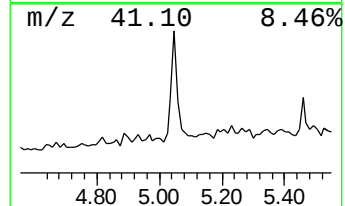
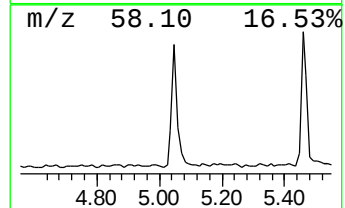
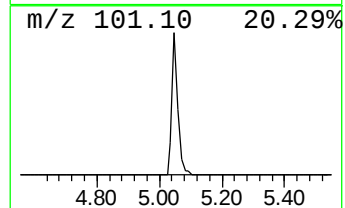
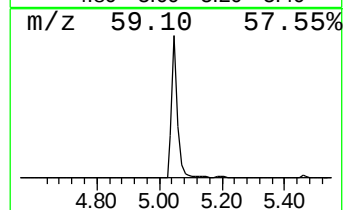
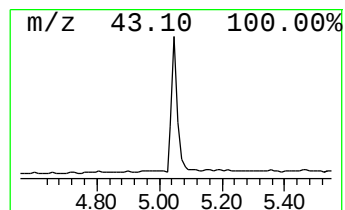
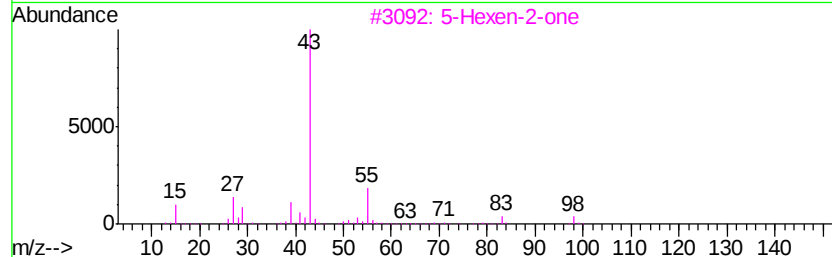
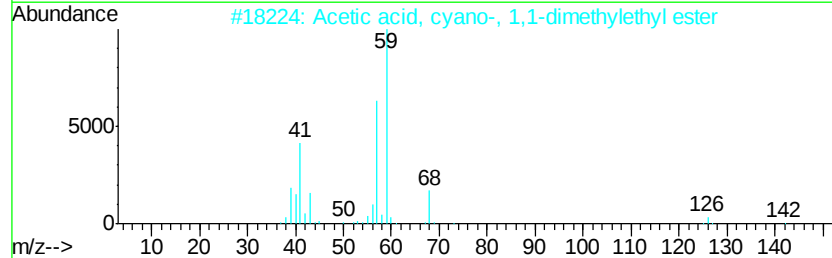
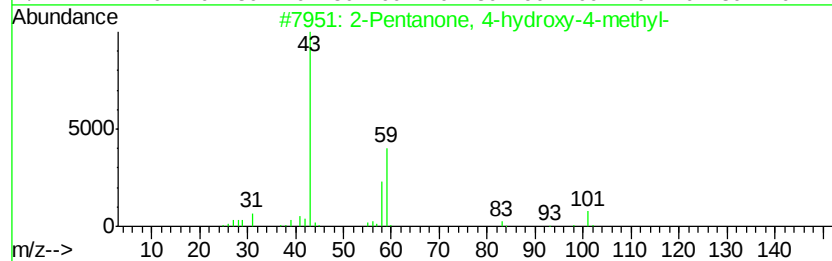
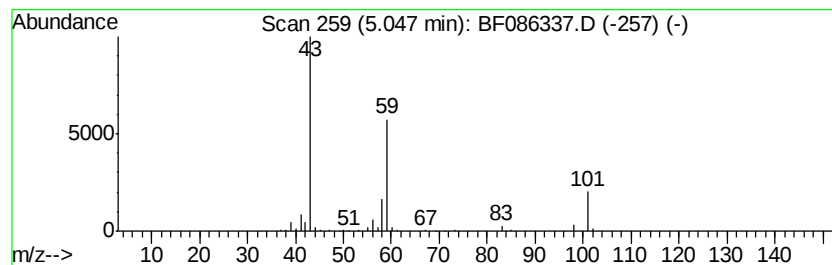
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.00 ng	259899	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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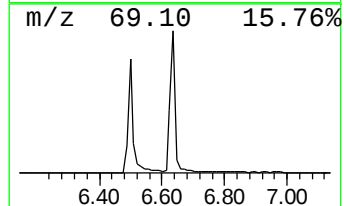
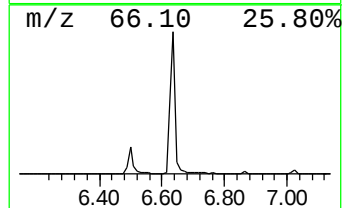
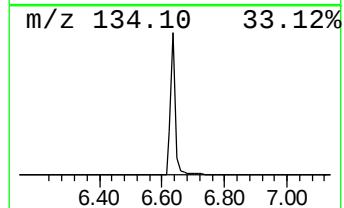
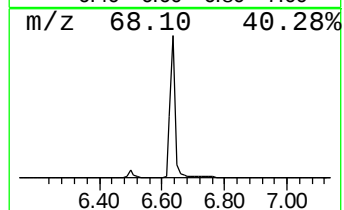
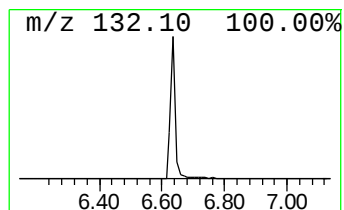
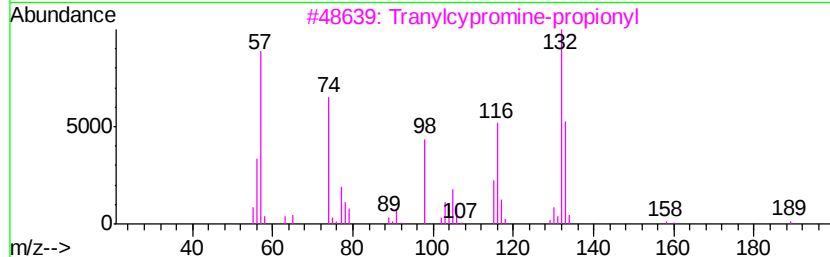
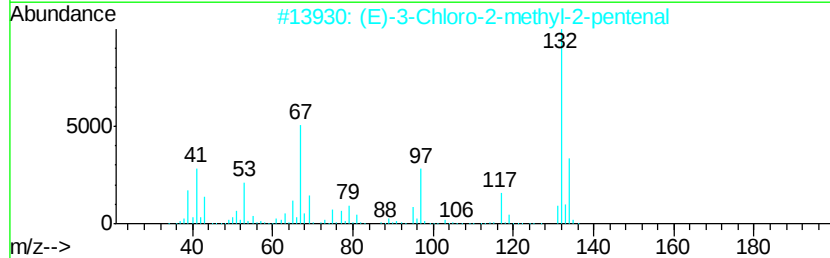
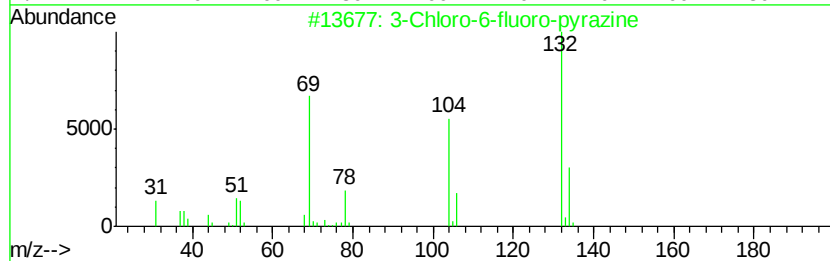
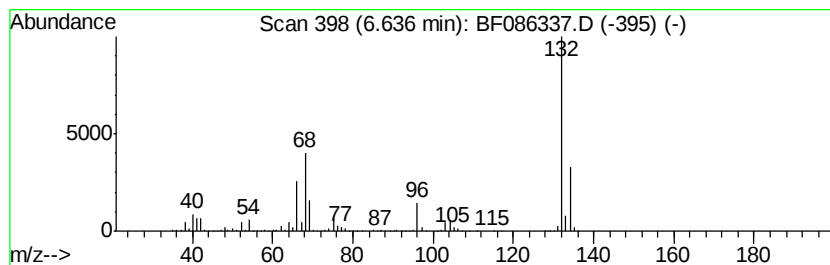
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	55.91 ng	3636730	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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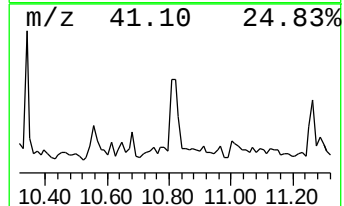
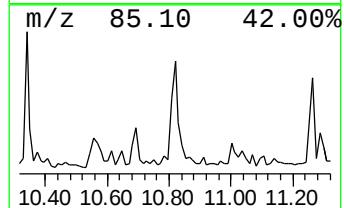
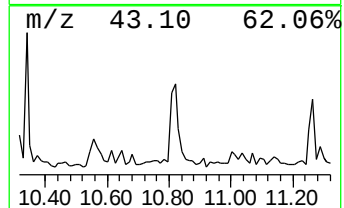
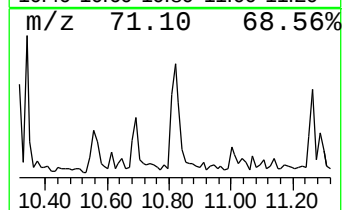
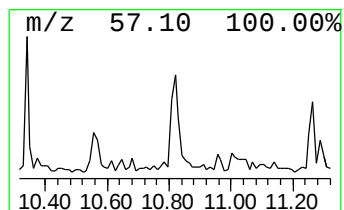
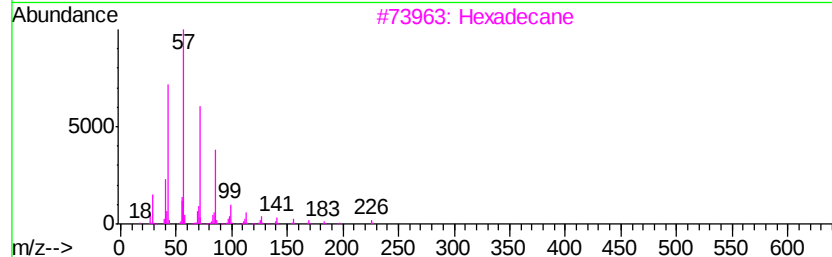
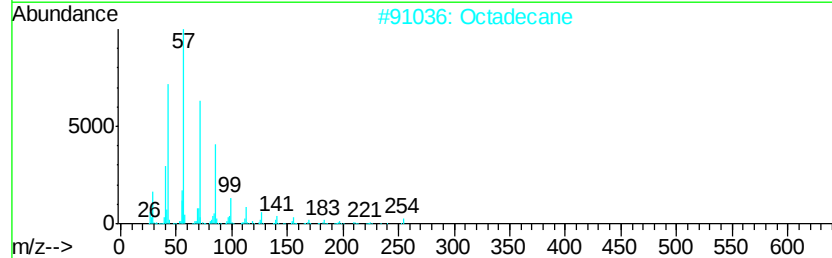
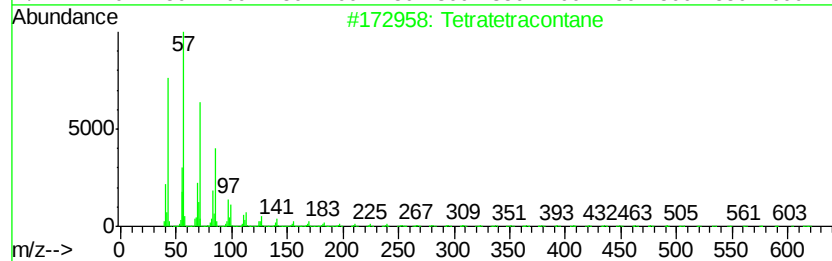
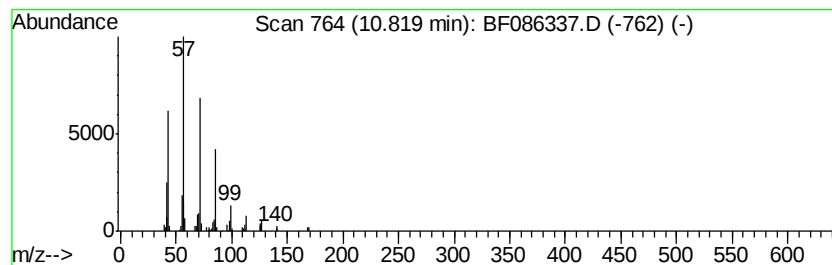
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Peak Number 6 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.79 ng	190994	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Octadecane	254	C18H38	000593-45-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tritetracontane	605	C43H88	007098-21-7	90



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ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LCF-EW2

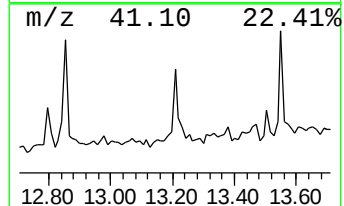
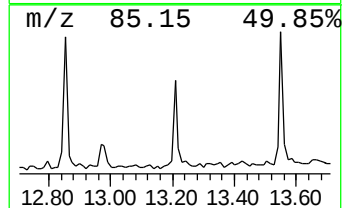
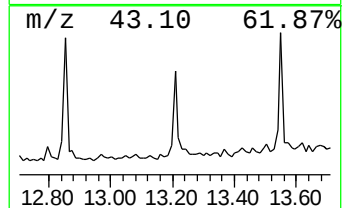
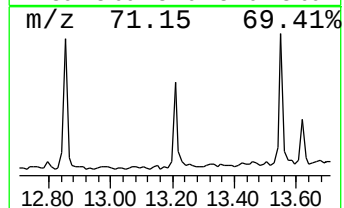
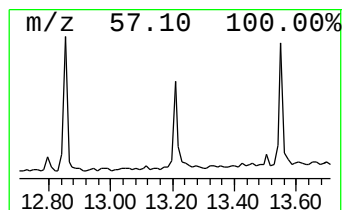
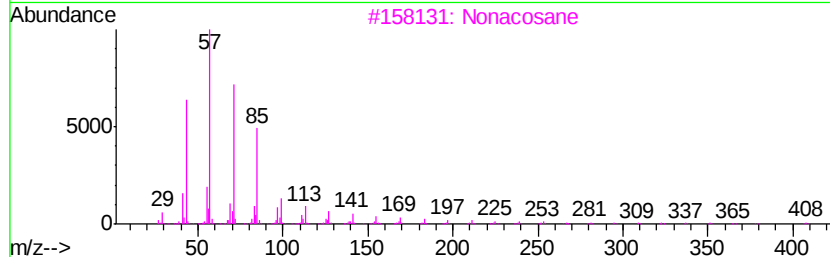
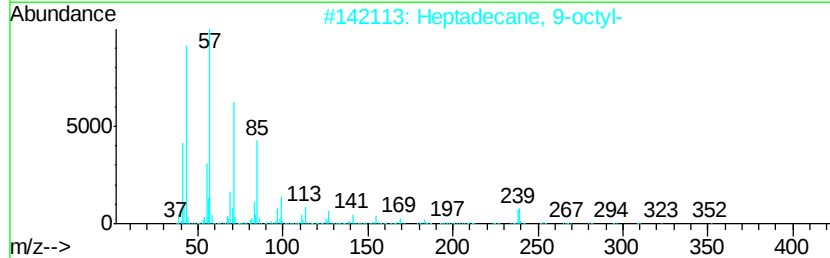
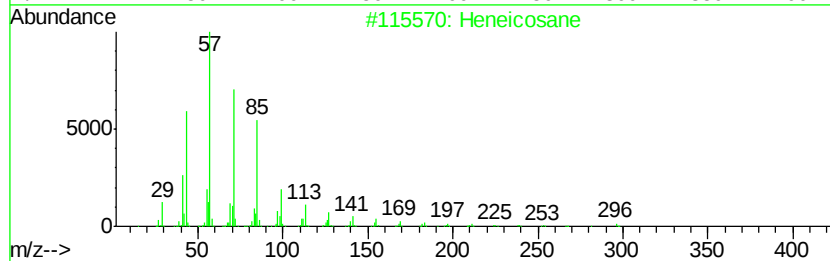
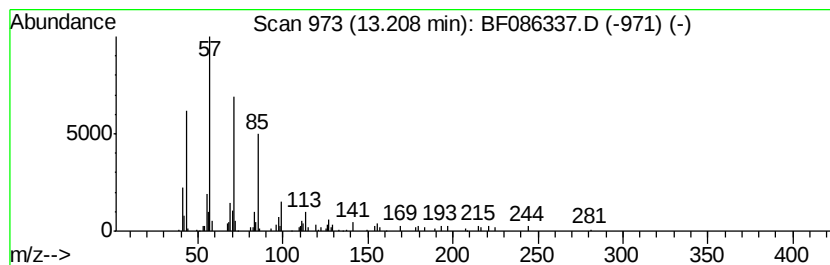
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.01 ng	112786	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Nonacosane		408	C29H60	000630-03-5	91
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
5	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086337.D
Acq On : 21 Apr 2016 4:49
Operator : UM/SJ
Sample : H2569-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LCF-EW2

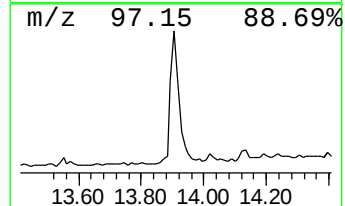
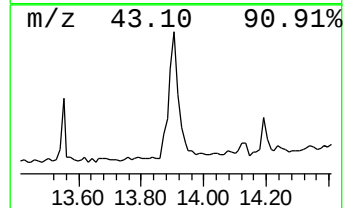
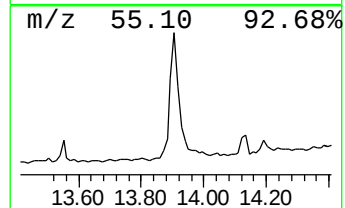
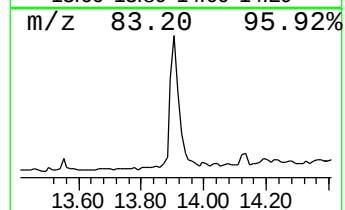
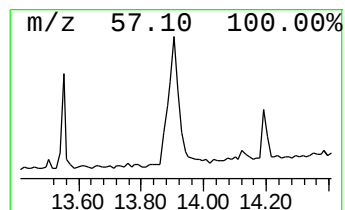
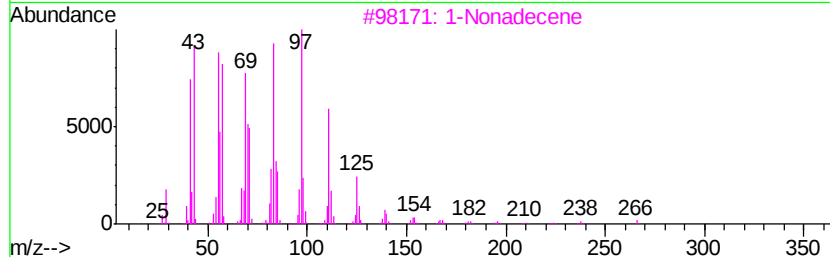
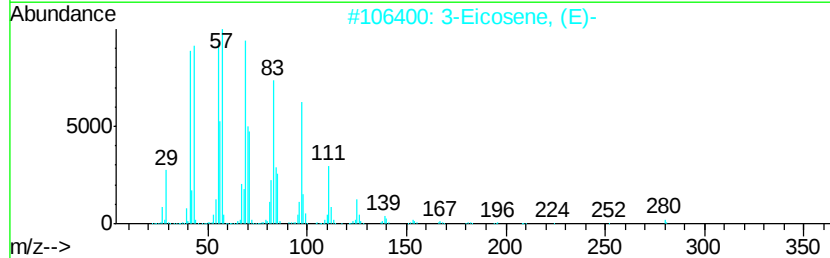
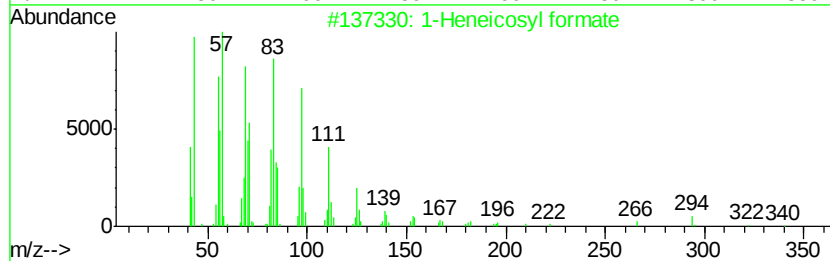
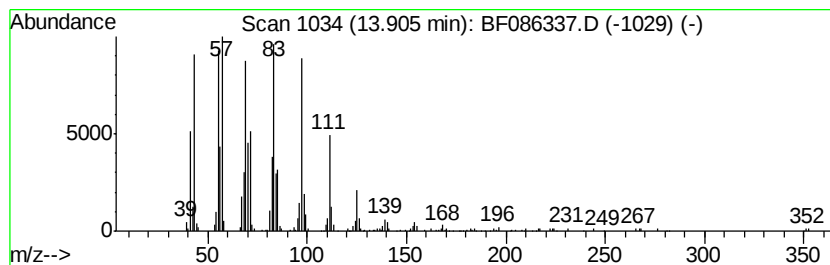
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	12.76 ng	717045	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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Sample : H2569-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LCF-EW2

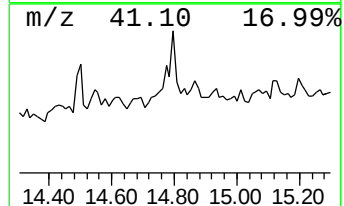
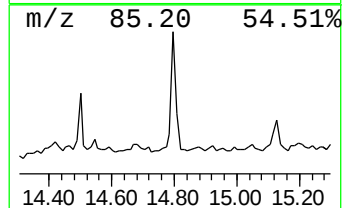
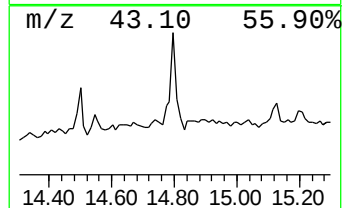
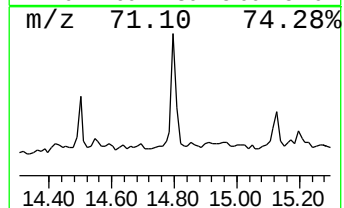
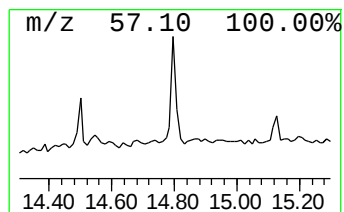
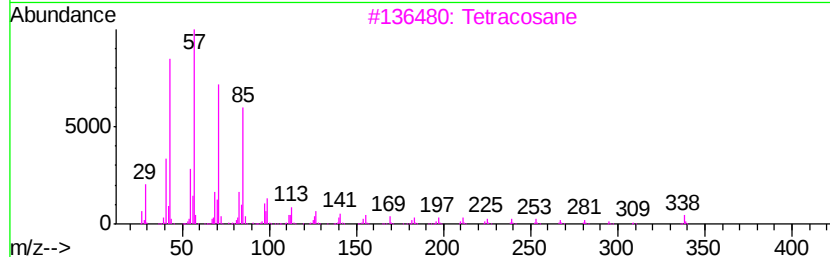
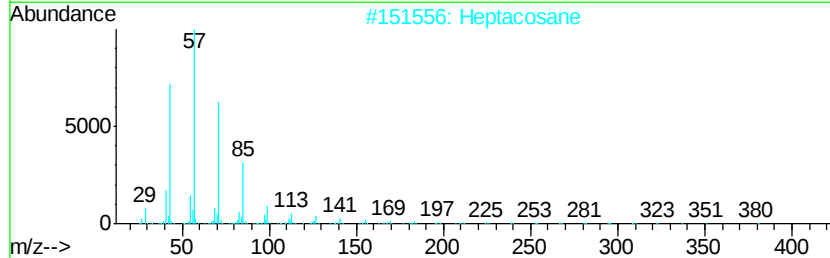
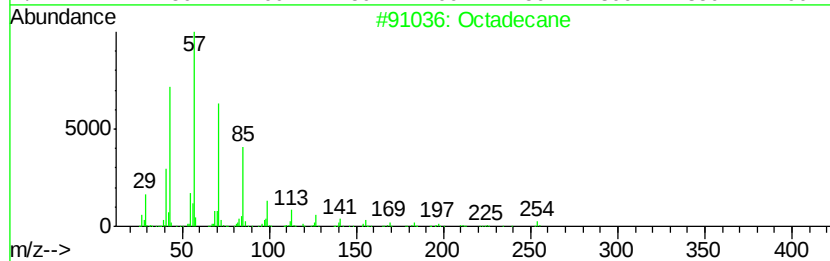
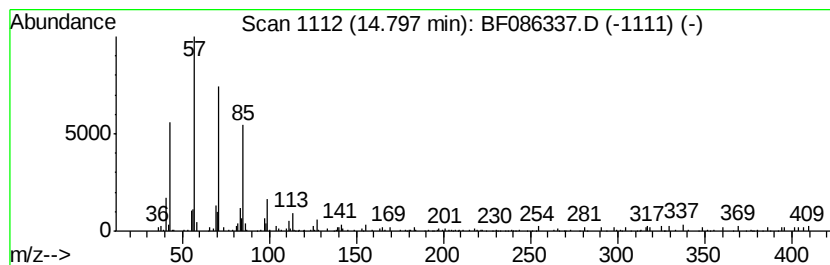
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.54 ng	99488	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Heptacosane	380	C27H56	000593-49-7	90
3			Tetracosane	338	C24H50	000646-31-1	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LCF-EW2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexane	2.20	17.6	ng	1141340	1	6.86	1300900	20.0
Heptane	2.32	3.7	ng	240876	1	6.86	1300900	20.0
2-Pentanone, 4-hy...	5.05	4.0	ng	259899	1	6.86	1300900	20.0
unknown6.64	6.64	55.9	ng	3636730	1	6.86	1300900	20.0
Tetratetracontane	10.82	2.8	ng	190994	4	11.39	1371440	20.0
Heneicosane	13.21	2.0	ng	112786	5	14.02	1123480	20.0
1-Heneicosyl formate	13.91	12.8	ng	717045	5	14.02	1123480	20.0
Octadecane	14.80	2.5	ng	99488	6	15.46	783924	20.0