

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085770.D
 Acq On : 25 Mar 2016 19:19
 Operator : UM/SJ
 Sample : H1855-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

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-BF032416.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	3.453	100	102	108	rVB2	7358	16638	2.24%	0.189%
2	5.419	272	274	283	rBV	125141	143336	19.28%	1.624%
3	6.459	363	365	374	rBV	134222	161870	21.77%	1.834%
4	6.584	374	376	379	rBV	120518	165505	22.26%	1.875%
5	6.824	394	397	399	rBV	694940	604483	81.31%	6.849%
6	6.973	409	410	413	rBV	79274	104077	14.00%	1.179%
7	7.385	445	446	453	rBV3	59314	71230	9.58%	0.807%
8	7.487	453	455	462	rVV2	20376	34090	4.59%	0.386%
9	7.590	462	464	469	rVB2	8401	8082	1.09%	0.092%
10	8.105	507	509	512	rBV	644838	713167	95.93%	8.081%
11	9.179	601	603	606	rBV	109088	137700	18.52%	1.560%
12	9.270	609	611	612	rBV	18383	16932	2.28%	0.192%
13	9.305	612	614	620	rVB2	10122	13573	1.83%	0.154%
14	9.522	628	633	636	rBV3	8525	17859	2.40%	0.202%
15	9.579	636	638	642	rVV	371194	321414	43.23%	3.642%
16	9.728	649	651	653	rBV	7753	10160	1.37%	0.115%
17	9.796	655	657	659	rVV	95082	72111	9.70%	0.817%
18	9.865	661	663	665	rVV	755131	674138	90.68%	7.638%
19	10.025	674	677	679	rBV	14076	23592	3.17%	0.267%
20	10.116	683	685	687	rVV2	22096	23082	3.10%	0.262%
21	10.150	687	688	690	rVV	12258	10451	1.41%	0.118%
22	10.230	692	695	697	rBV	4814	9139	1.23%	0.104%
23	10.299	697	701	702	rBV	83300	103275	13.89%	1.170%
24	10.322	702	703	709	rVB2	7455	16807	2.26%	0.190%
25	10.413	709	711	713	rVB2	6876	10118	1.36%	0.115%
26	10.516	717	720	721	rBV	37143	50023	6.73%	0.567%
27	10.562	723	724	726	rVB	8311	8105	1.09%	0.092%
28	10.596	726	727	729	rBV	15116	13434	1.81%	0.152%
29	10.653	729	732	734	rBV2	57043	71473	9.61%	0.810%
30	10.768	740	742	746	rBV	106320	120585	16.22%	1.366%
31	10.893	751	753	754	rBV	8772	7485	1.01%	0.085%
32	10.962	757	759	761	rBV2	13616	21657	2.91%	0.245%
33	11.213	779	781	782	rBV	60087	49371	6.64%	0.559%
34	11.248	782	784	787	rVB	15217	21679	2.92%	0.246%

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35	11.339	790	792	796	rBV2	459885	615563	82.80%	6.975%
36	11.419	796	799	801	rVB2	14517	27500	3.70%	0.312%
37	11.579	809	813	817	rBV4	7562	15329	2.06%	0.174%
38	11.636	817	818	821	rVV	22945	20493	2.76%	0.232%
39	11.842	835	836	837	rBV	12105	11438	1.54%	0.130%
40	11.876	837	839	841	rVV	80615	88772	11.94%	1.006%
41	11.956	844	846	850	rVV2	23317	35667	4.80%	0.404%
42	12.048	852	854	856	rVV2	10392	11779	1.58%	0.133%
43	12.139	859	862	863	rBV2	7445	8403	1.13%	0.095%
44	12.174	863	865	866	rVB	9361	9062	1.22%	0.103%
45	12.391	883	884	886	rBV2	9981	12059	1.62%	0.137%
46	12.436	886	888	890	rVB	9855	15029	2.02%	0.170%
47	12.482	890	892	893	rBV2	11389	11975	1.61%	0.136%
48	12.551	896	898	901	rBV	130813	128542	17.29%	1.456%
49	12.608	901	903	905	rVB	11400	11132	1.50%	0.126%
50	12.654	905	907	909	rBV2	19447	24210	3.26%	0.274%
51	12.779	914	918	921	rVV	136649	145118	19.52%	1.644%
52	12.836	921	923	926	rVB4	7178	11371	1.53%	0.129%
53	12.928	928	931	933	rVB	95084	110388	14.85%	1.251%
54	12.996	933	937	939	rBV4	8071	12345	1.66%	0.140%
55	13.111	943	947	948	rBV	17278	23350	3.14%	0.265%
56	13.156	948	951	955	rBV2	32318	53447	7.19%	0.606%
57	13.214	955	956	958	rVB	13701	10072	1.35%	0.114%
58	13.305	962	964	965	rVB	12016	9509	1.28%	0.108%
59	13.339	965	967	968	rBV	8581	9712	1.31%	0.110%
60	13.374	968	970	971	rVB	10114	7971	1.07%	0.090%
61	13.408	971	973	978	rVB3	3990	9469	1.27%	0.107%
62	13.499	978	981	983	rBV	37245	39867	5.36%	0.452%
63	13.614	990	991	994	rVB	16581	18560	2.50%	0.210%
64	13.728	998	1001	1002	rBV2	15676	19688	2.65%	0.223%
65	13.751	1002	1003	1004	rBV	7667	7660	1.03%	0.087%
66	13.774	1004	1005	1007	rVB2	6654	9161	1.23%	0.104%
67	13.819	1007	1009	1018	rBV2	271177	485373	65.29%	5.500%
68	13.979	1020	1023	1024	rVV	686374	743460	100.00%	8.424%
69	14.002	1024	1025	1029	rVV	74364	71163	9.57%	0.806%
70	14.082	1029	1032	1035	rVB2	28770	41292	5.55%	0.468%
71	14.139	1035	1037	1041	rBV3	24280	56968	7.66%	0.645%

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72	14.368	1054	1057	1058	rVB	13513	17465	2.35%	0.198%
73	14.402	1058	1060	1062	rBV3	9112	14219	1.91%	0.161%
74	14.448	1062	1064	1071	rBV5	43644	147786	19.88%	1.675%
75	14.688	1083	1085	1087	rVB3	9936	10174	1.37%	0.115%
76	14.745	1087	1090	1092	rBV	31804	40147	5.40%	0.455%
77	14.882	1100	1102	1103	rBV	32838	41924	5.64%	0.475%
78	14.940	1103	1107	1110	rVV5	29801	103441	13.91%	1.172%
79	14.997	1110	1112	1116	rVB	62147	111960	15.06%	1.269%
80	15.065	1116	1118	1119	rBV	50929	62629	8.42%	0.710%
81	15.100	1119	1121	1123	rVV2	17649	22207	2.99%	0.252%
82	15.282	1134	1137	1140	rBV	30611	39613	5.33%	0.449%
83	15.340	1140	1142	1144	rBV	45889	58230	7.83%	0.660%
84	15.397	1144	1147	1153	rVV	459897	620233	83.43%	7.028%
85	15.488	1153	1155	1158	rVB3	8658	13915	1.87%	0.158%
86	15.602	1163	1165	1169	rBV3	20716	35146	4.73%	0.398%
87	15.831	1182	1185	1188	rBV	51013	86344	11.61%	0.978%
88	15.888	1188	1190	1192	rBV3	19671	41912	5.64%	0.475%
89	16.071	1204	1206	1214	rVB6	17257	42781	5.75%	0.485%
90	16.300	1223	1226	1232	rVB2	32297	76262	10.26%	0.864%
91	16.574	1247	1250	1254	rBV3	14989	33659	4.53%	0.381%
92	16.780	1265	1268	1271	rBV2	13755	26344	3.54%	0.298%
93	16.848	1271	1274	1278	rVB	30650	59785	8.04%	0.677%
94	17.191	1302	1304	1308	rBV	11116	22462	3.02%	0.255%
95	17.328	1314	1316	1324	rVB9	11550	37162	5.00%	0.421%
96	17.511	1328	1332	1336	rVB2	27754	73527	9.89%	0.833%
97	17.774	1351	1355	1358	rVB5	13083	34266	4.61%	0.388%
98	18.071	1377	1381	1384	rBV6	6780	23693	3.19%	0.268%
99	18.277	1394	1399	1406	rVB2	25478	81578	10.97%	0.924%
100	19.191	1474	1479	1482	rBV6	16829	57198	7.69%	0.648%

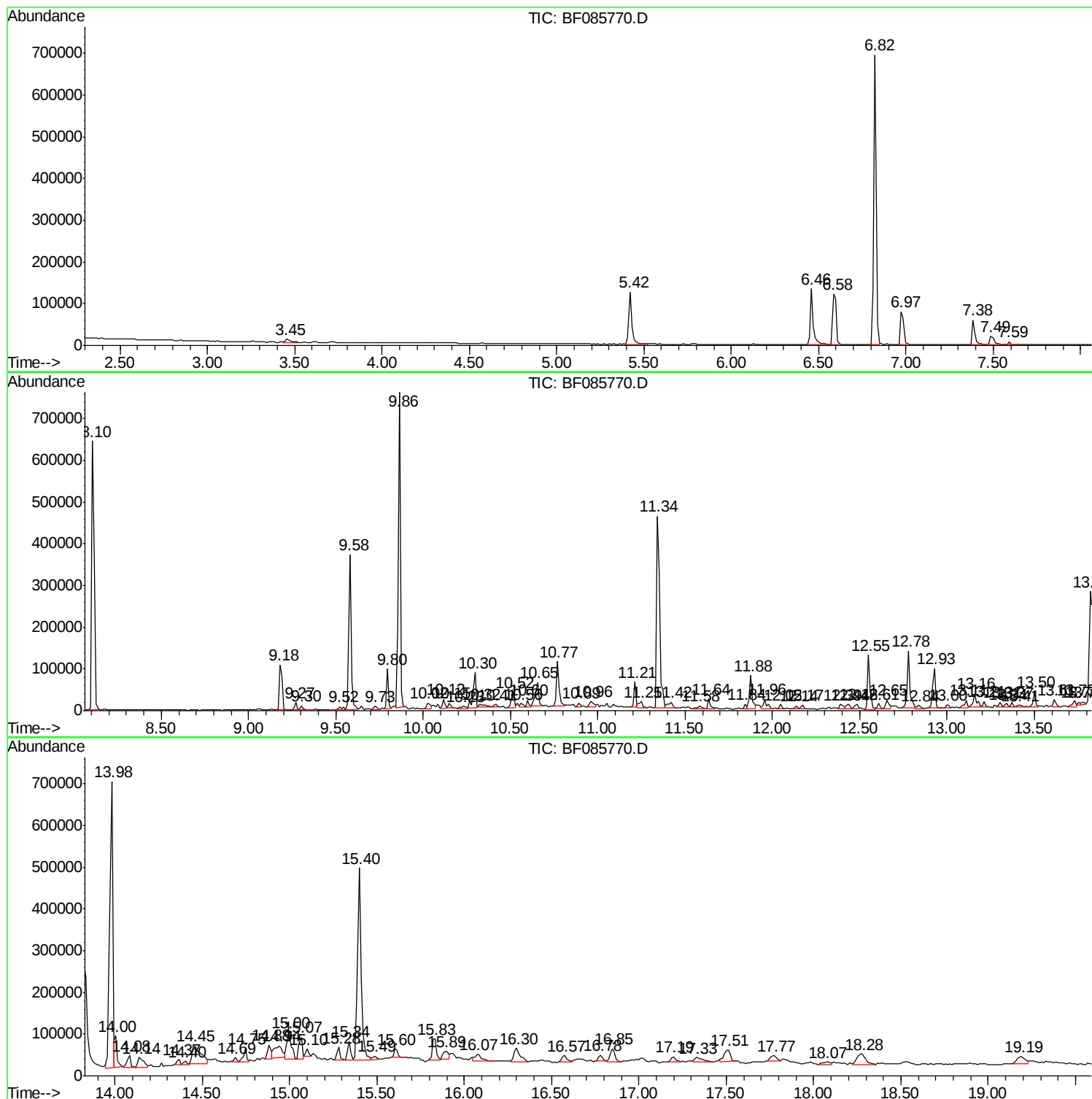
Sum of corrected areas: 8825600

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



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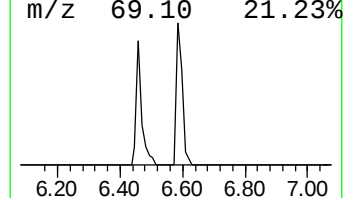
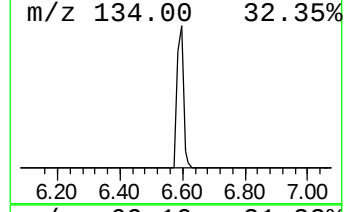
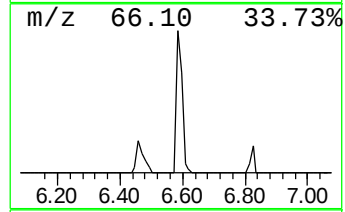
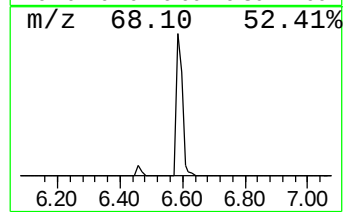
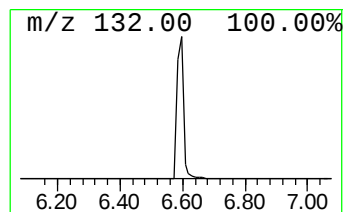
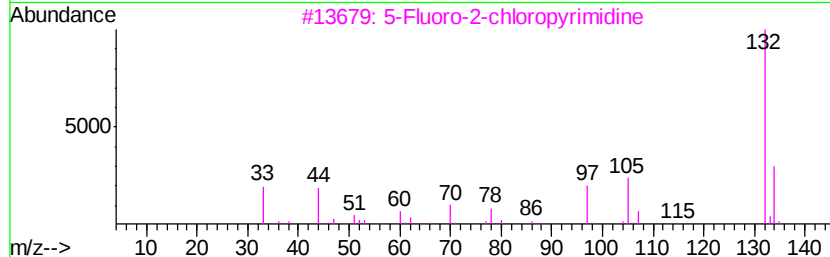
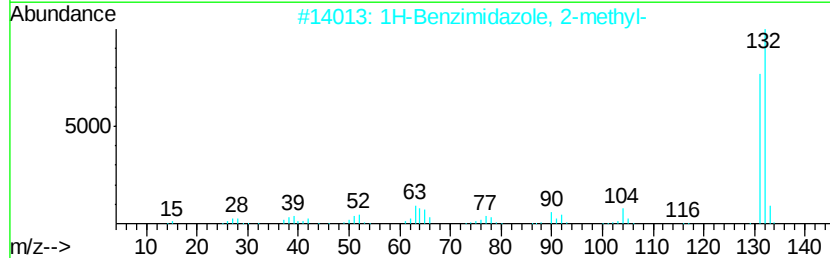
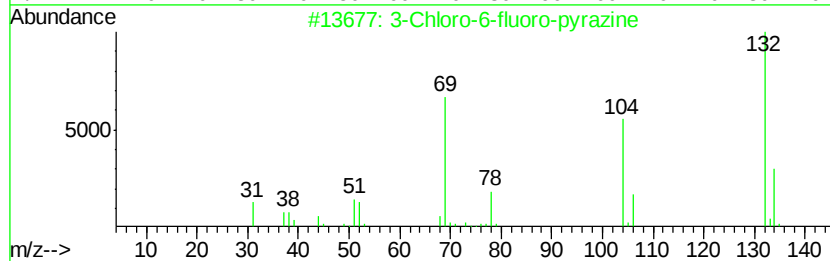
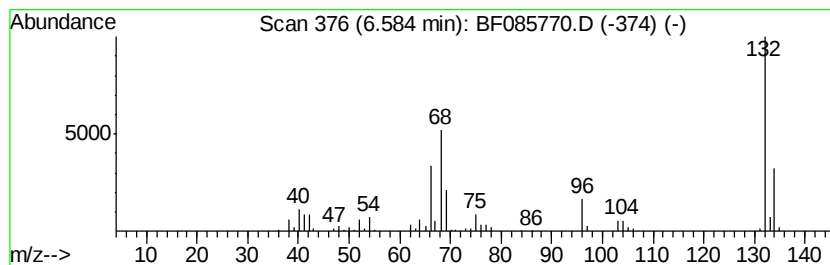
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	5.48 ng	165505	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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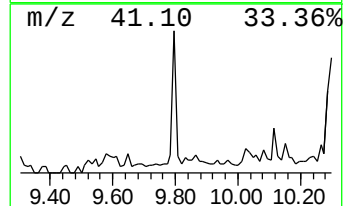
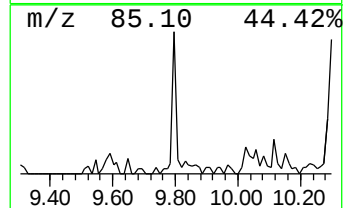
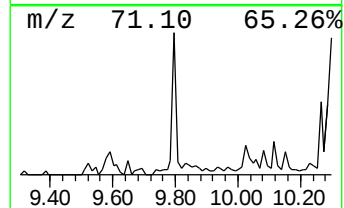
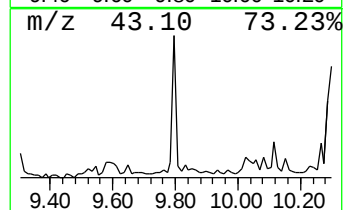
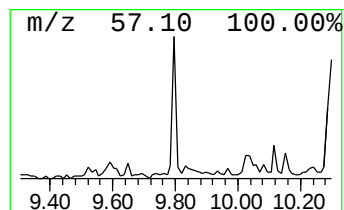
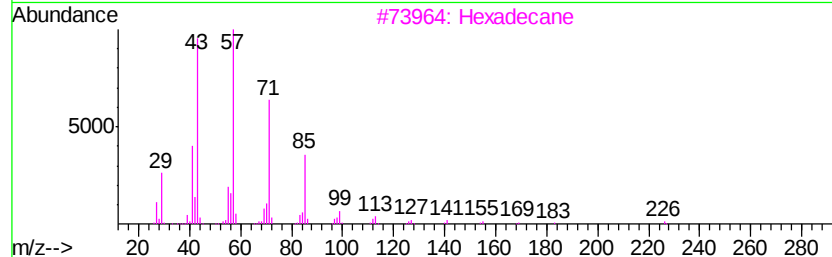
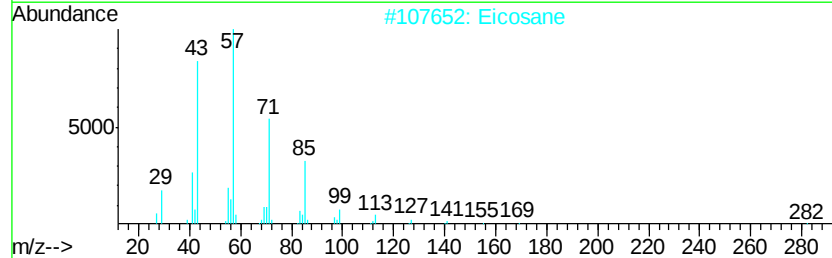
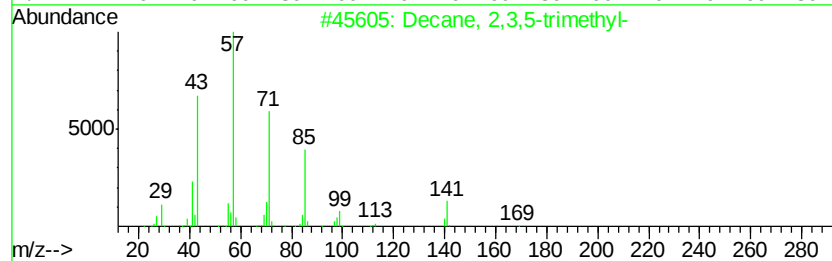
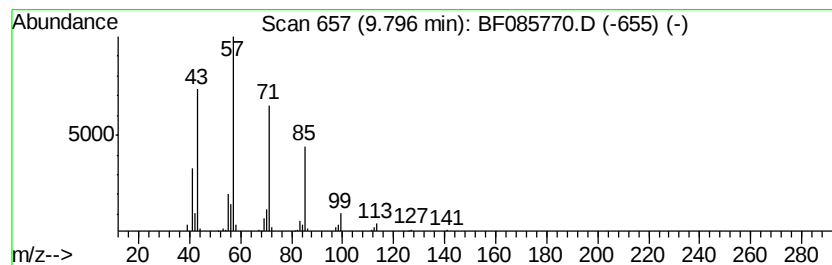
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.80	2.14 ng	72111	Acenaphthene-d10		9.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Eicosane	282	C20H42	000112-95-8	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
5	Pentadecane	212	C15H32	000629-62-9	64



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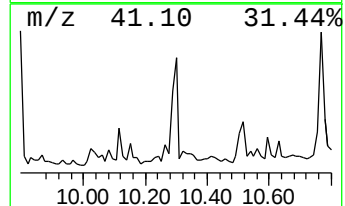
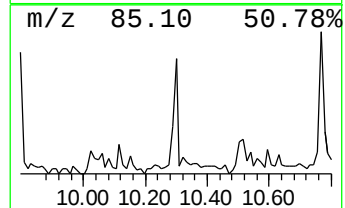
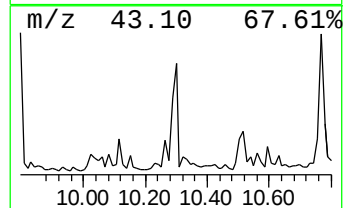
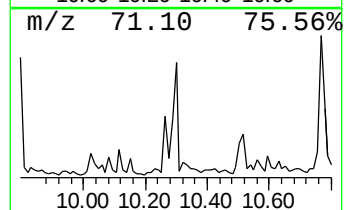
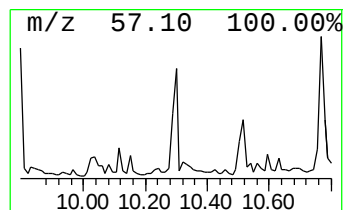
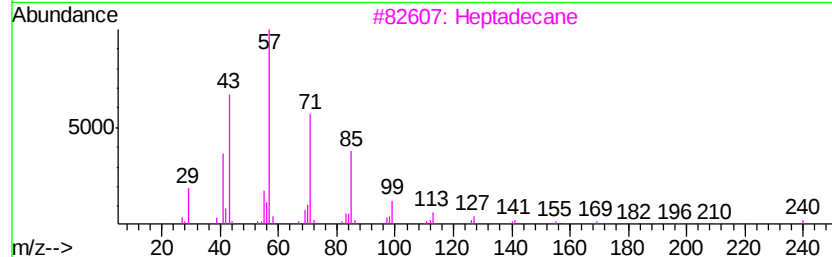
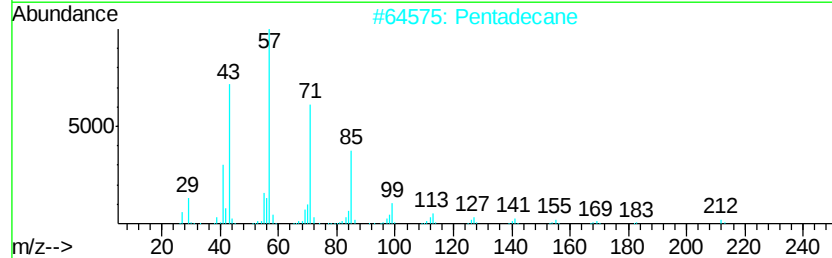
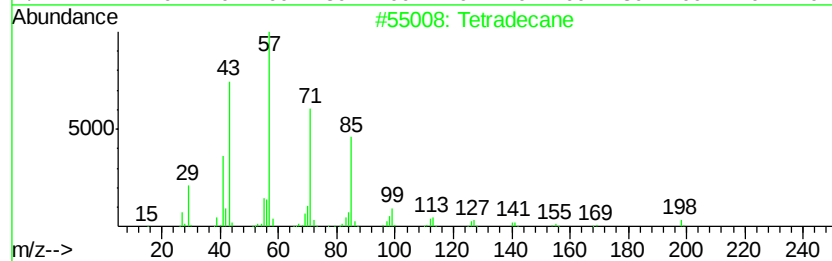
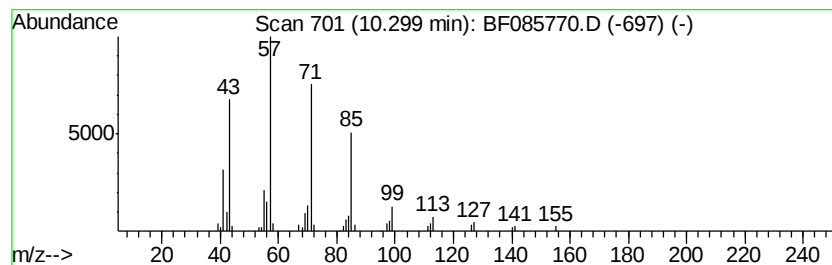
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Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	3.06 ng	103275	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Pentadecane	212 C15H32	000629-62-9 90
3		Heptadecane	240 C17H36	000629-78-7 90
4		Hexadecane	226 C16H34	000544-76-3 90
5		Octacosane	394 C28H58	000630-02-4 90



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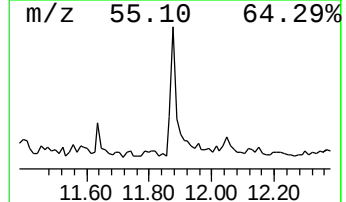
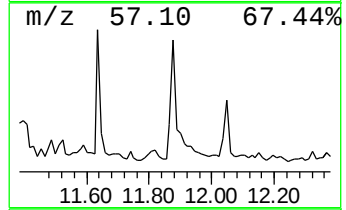
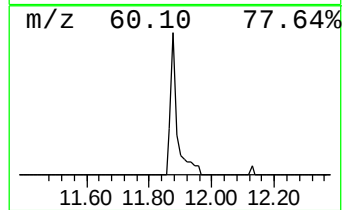
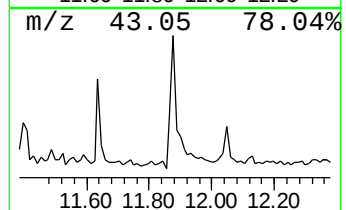
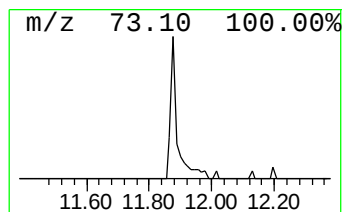
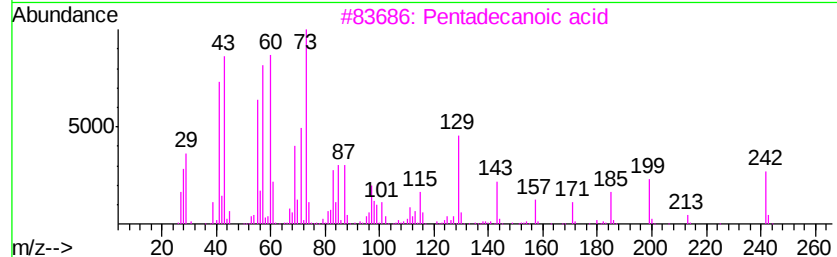
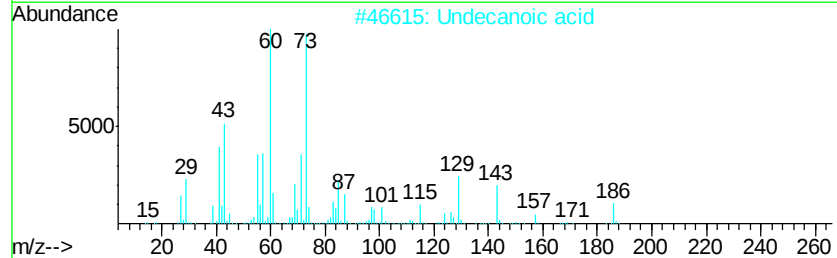
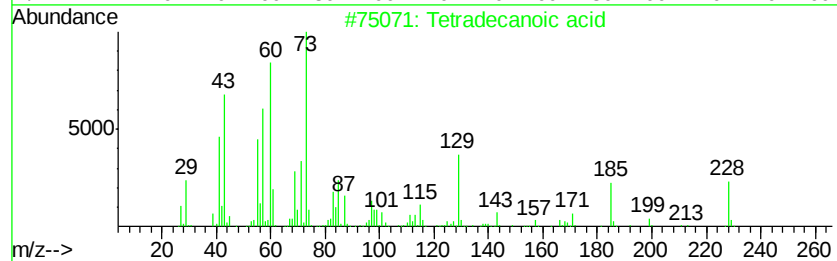
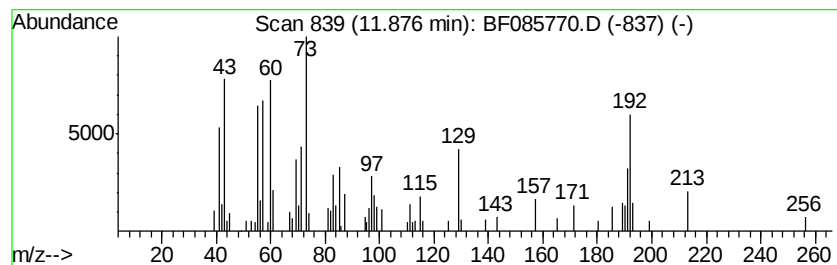
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.88 ng	88772	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2		Undecanoic acid	186	C11H22O2	000112-37-8	53
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085770.D
Acq On : 25 Mar 2016 19:19
Operator : UM/SJ
Sample : H1855-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

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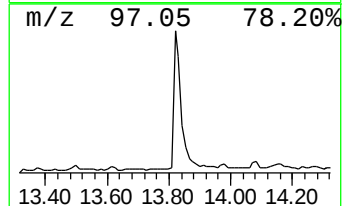
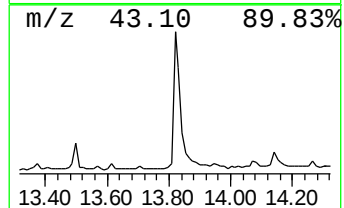
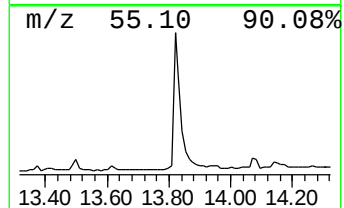
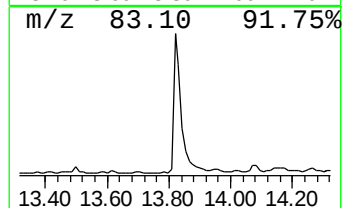
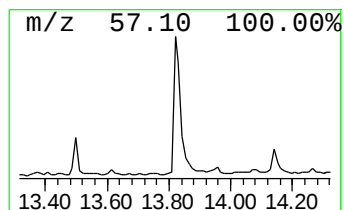
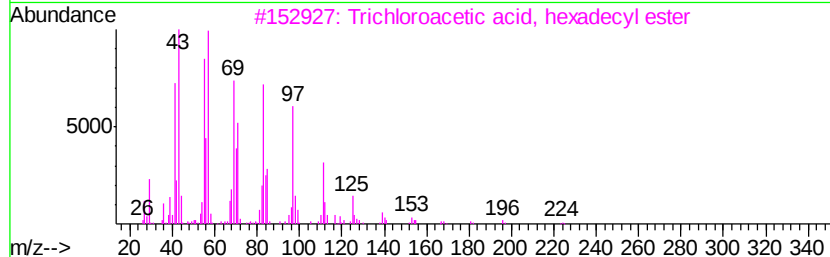
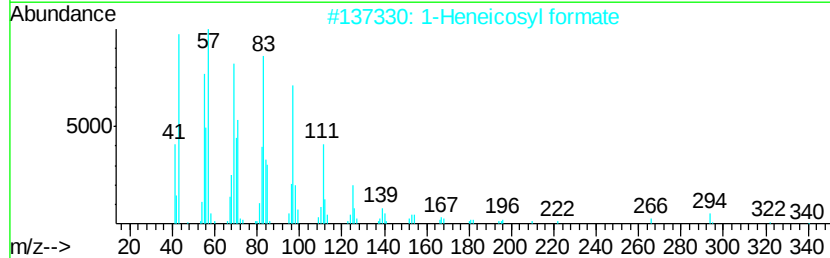
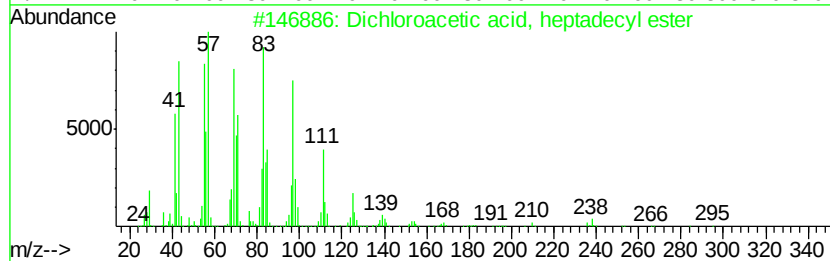
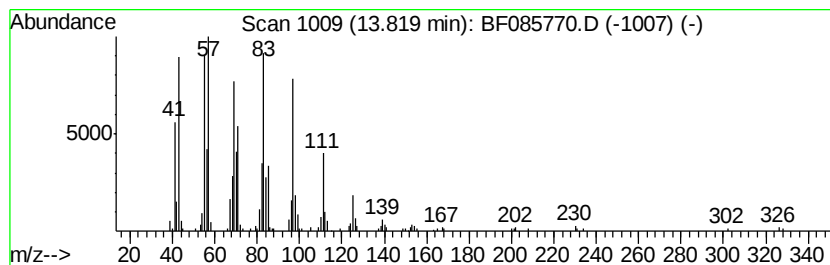
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	13.06 ng	485373	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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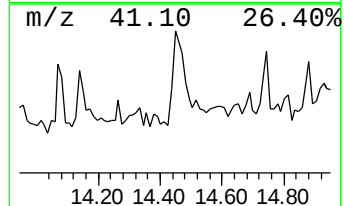
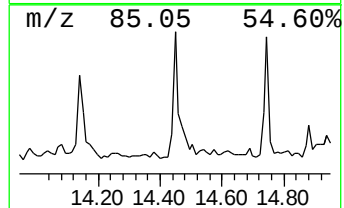
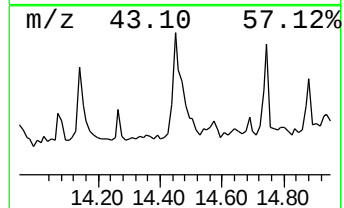
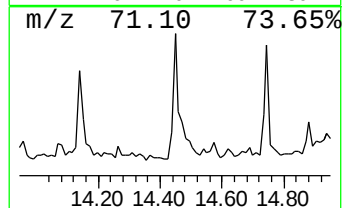
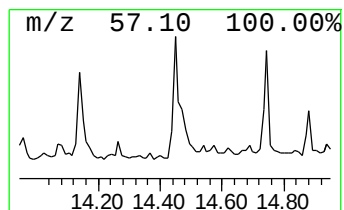
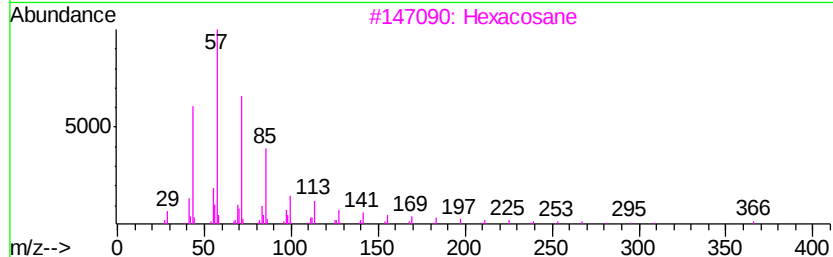
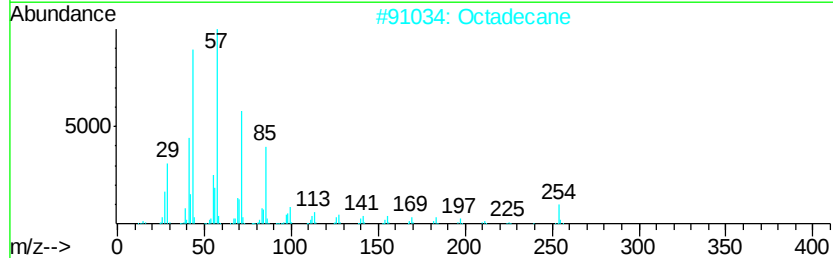
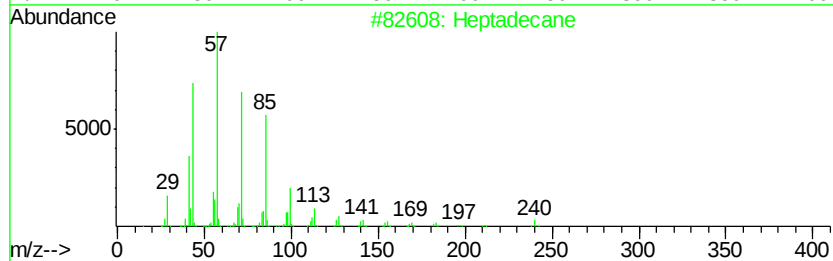
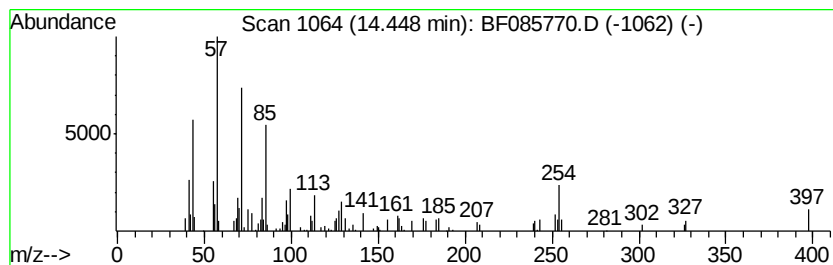
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.98 ng	147786	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	86
2	Octadecane	254 C18H38	000593-45-3	74
3	Hexacosane	366 C26H54	000630-01-3	68
4	Tetracosane	338 C24H50	000646-31-1	68
5	Hentriacontane	437 C31H64	000630-04-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
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Operator : UM/SJ
Sample : H1855-06
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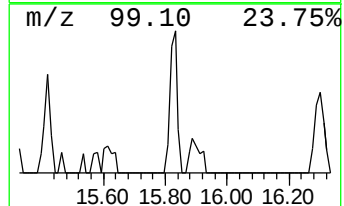
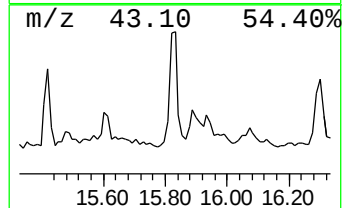
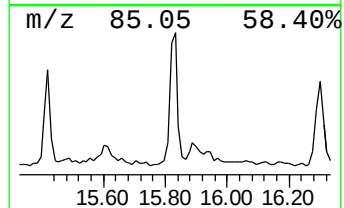
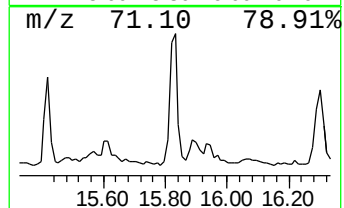
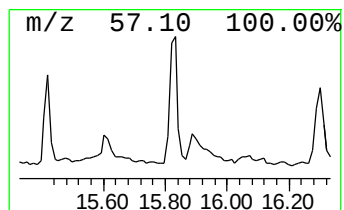
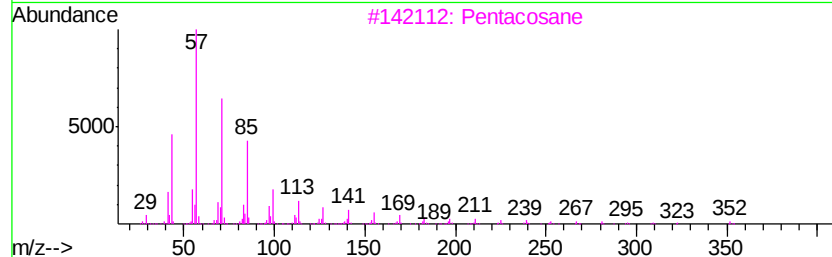
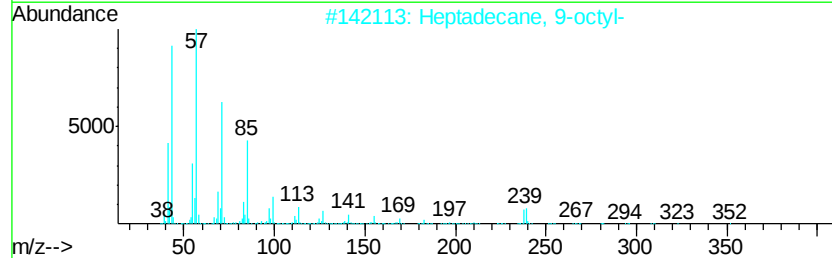
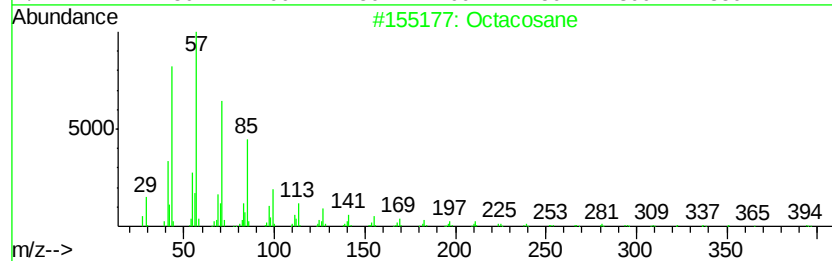
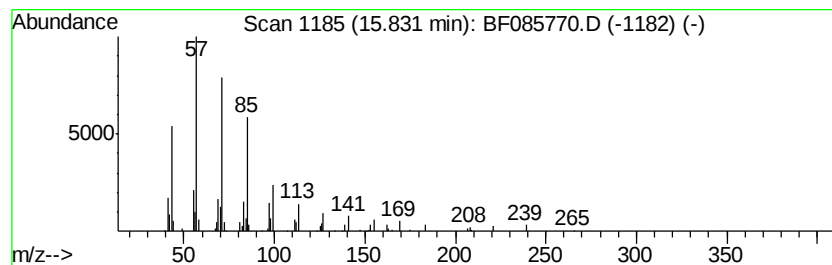
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.78 ng	86344	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1 91
3	Pentacosane	352	C25H52	000629-99-2 91
4	triacontane	422	C30H62	000638-68-6 91
5	Heneicosane	296	C21H44	000629-94-7 90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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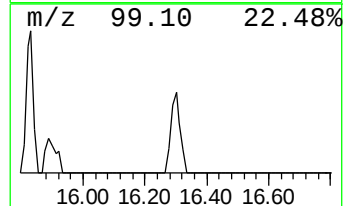
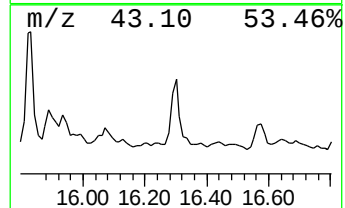
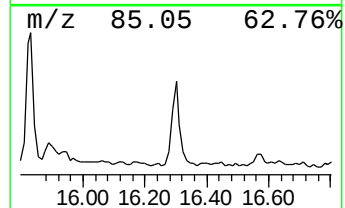
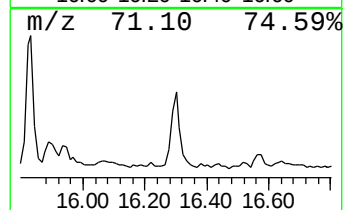
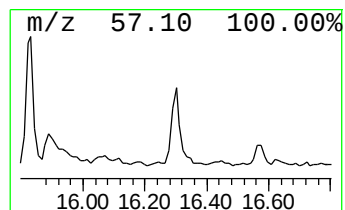
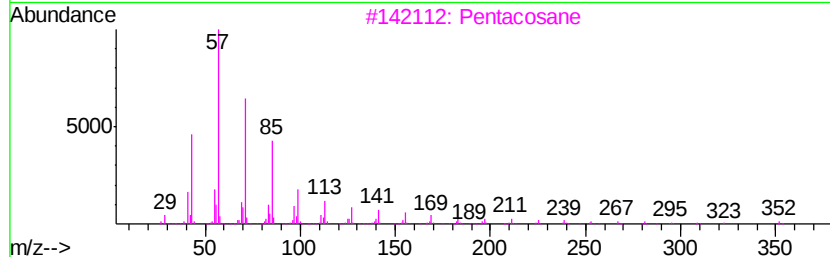
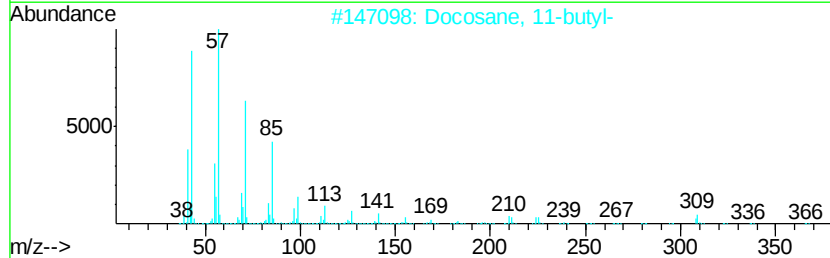
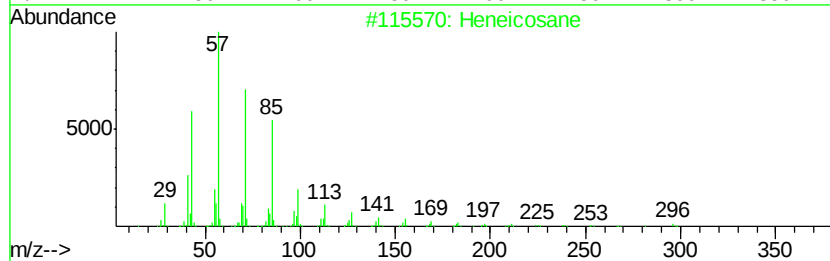
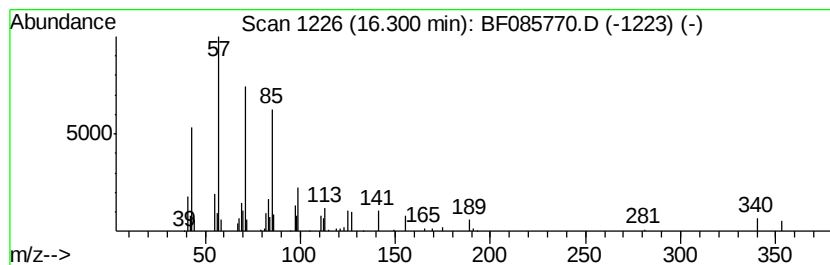
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.46 ng	76262	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	90
2	Docosane, 11-butyl-	366 C26H54	013475-76-8	87
3	Pentacosane	352 C25H52	000629-99-2	87
4	Docosane	310 C22H46	000629-97-0	87
5	Tetratriacontane	479 C34H70	014167-59-0	87



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Sample : H1855-06
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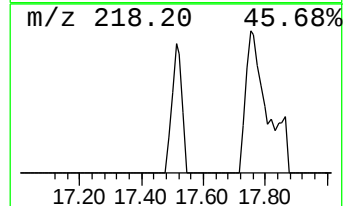
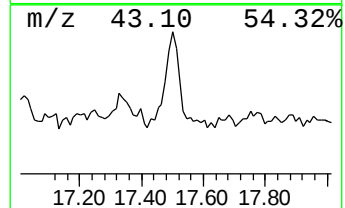
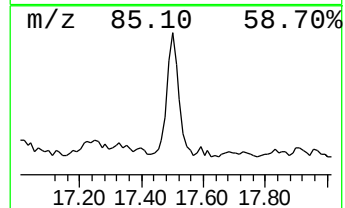
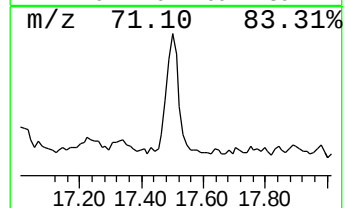
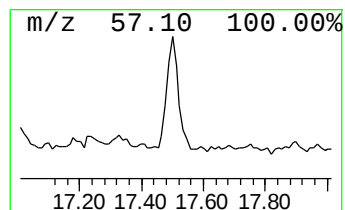
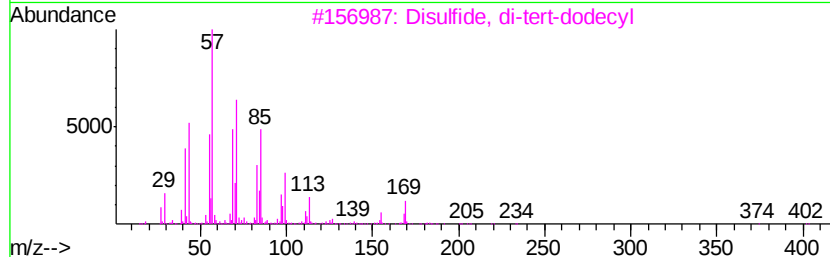
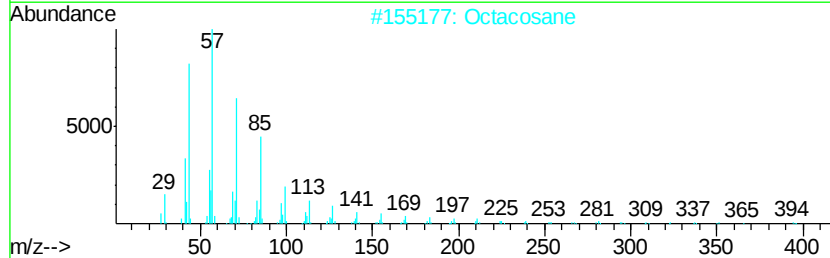
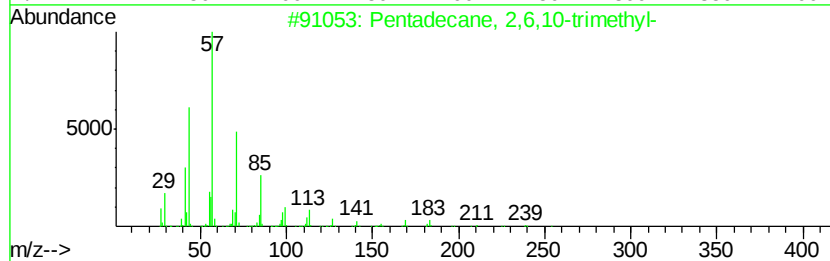
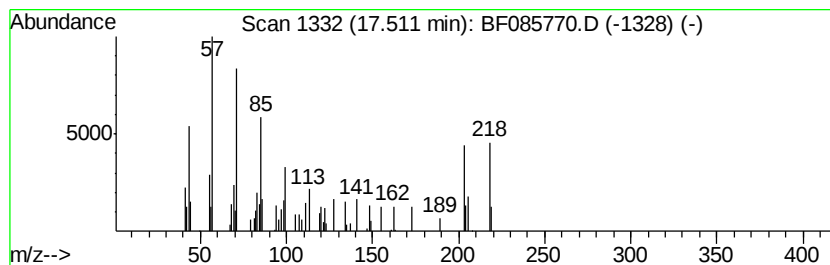
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown17.51 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.37 ng	73527	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	46
2		Octacosane	394	C28H58	000630-02-4	43
3		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	43
4		Hexatriacontane	507	C36H74	000630-06-8	43
5		Tetratetracontane	619	C44H90	007098-22-8	43



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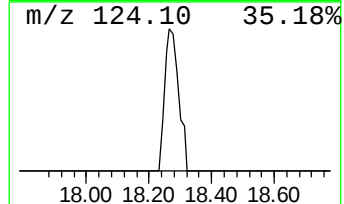
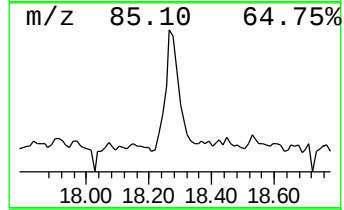
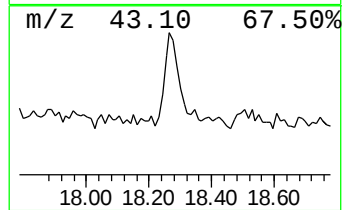
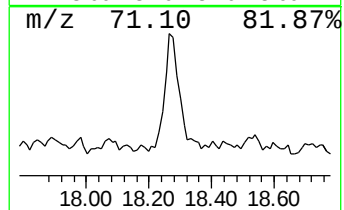
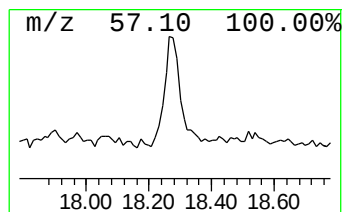
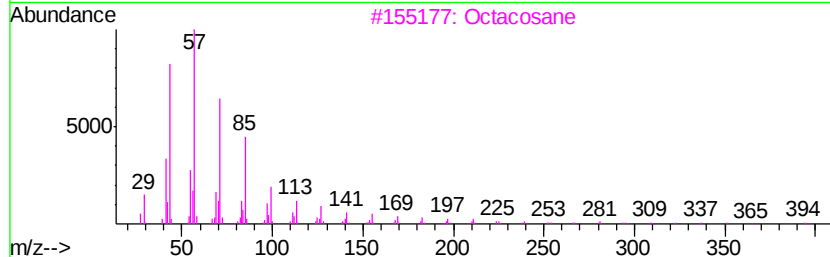
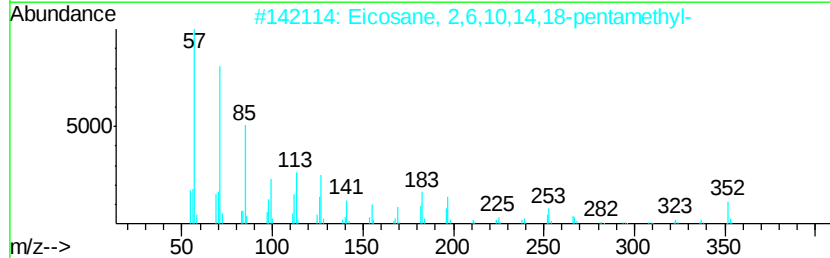
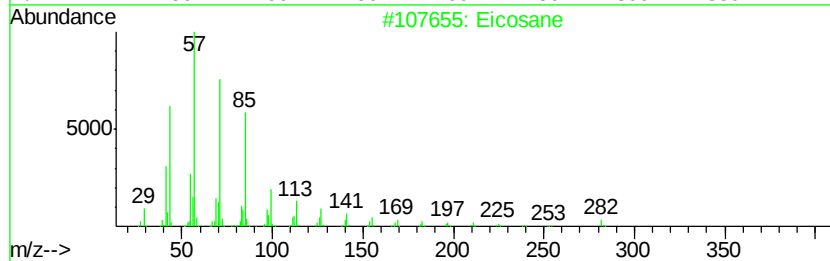
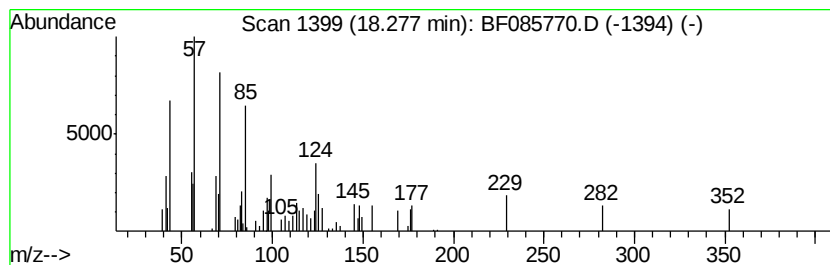
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.63 ng	81578	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Eicosane, 2,6,10,14,18-pentamethyl-	352	C25H52	051794-16-2	52
3		Octacosane	394	C28H58	000630-02-4	49
4		Tetracosane	338	C24H50	000646-31-1	47
5		Tetracontane	563	C40H82	004181-95-7	47



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ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
unknown6.58	6.58	5.5	ng	165505	1	6.82	604483	20.0
Decane, 2,3,5-tri...	9.80	2.1	ng	72111	3	9.86	674138	20.0
Tetradecane	10.30	3.1	ng	103275	3	9.86	674138	20.0
Tetradecanoic acid	11.88	2.9	ng	88772	4	11.34	615563	20.0
Dichloroacetic ac...	13.82	13.1	ng	485373	5	13.98	743460	20.0
Heptadecane	14.45	4.0	ng	147786	5	13.98	743460	20.0
Octacosane	15.83	2.8	ng	86344	6	15.40	620233	20.0
Heneicosane	16.30	2.5	ng	76262	6	15.40	620233	20.0
unknown17.51	17.51	2.4	ng	73527	6	15.40	620233	20.0
Eicosane	18.28	2.6	ng	81578	6	15.40	620233	20.0