

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084823.D
 Acq On : 4 Feb 2016 9:16
 Operator : SJ/IZ
 Sample : H1322-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B020(10-12)

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-BF020116.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	4.144	178	180	185	rBV	45467	69167	1.46%	0.149%
2	4.842	237	241	249	rBV	1703775	2440082	51.67%	5.246%
3	5.276	277	279	282	rBV	2785408	3604625	76.34%	7.750%
4	5.687	313	315	317	rBV	60192	55828	1.18%	0.120%
5	6.339	369	372	374	rBV	4286679	4722069	100.00%	10.153%
6	6.453	379	382	384	rBV	4419001	4069493	86.18%	8.750%
7	6.682	400	402	405	rBV	1435339	1197893	25.37%	2.575%
8	6.842	413	416	418	rBV	3858952	3501497	74.15%	7.528%
9	7.253	449	452	455	rBV	2622030	2779335	58.86%	5.976%
10	7.379	458	463	466	rBV	97083	134618	2.85%	0.289%
11	7.973	512	515	517	rBV	1778220	1671127	35.39%	3.593%
12	9.048	607	609	612	rBV	2903921	4197551	88.89%	9.025%
13	9.448	642	644	646	rBV	731401	721248	15.27%	1.551%
14	9.665	661	663	666	rBV	137308	146224	3.10%	0.314%
15	9.722	666	668	670	rVV	1916717	1652678	35.00%	3.553%
16	9.905	680	684	685	rBV	26552	51540	1.09%	0.111%
17	10.168	705	707	709	rVB	261071	204022	4.32%	0.439%
18	10.385	723	726	729	rBV	78731	120529	2.55%	0.259%
19	10.511	734	737	739	rVV	2426953	2246211	47.57%	4.829%
20	10.636	746	748	752	rBV	248702	294312	6.23%	0.633%
21	11.082	786	787	789	rBV2	170399	164534	3.48%	0.354%
22	11.116	789	790	793	rVB	58483	52759	1.12%	0.113%
23	11.196	795	797	801	rVB	1259342	1798786	38.09%	3.867%
24	11.276	801	804	806	rBV	122730	135865	2.88%	0.292%
25	11.505	822	824	831	rVB	62005	107710	2.28%	0.232%
26	11.699	839	841	842	rBV	72956	63964	1.35%	0.138%
27	11.734	842	844	845	rVV2	55880	79345	1.68%	0.171%
28	11.814	849	851	855	rBV2	101929	183735	3.89%	0.395%
29	11.916	856	860	863	rBV2	58385	133357	2.82%	0.287%
30	11.997	865	867	872	rVB3	95635	119231	2.52%	0.256%
31	12.305	891	894	895	rVB2	47331	66894	1.42%	0.144%
32	12.339	895	897	901	rVB2	33067	49703	1.05%	0.107%
33	12.408	901	903	905	rBV	656051	565722	11.98%	1.216%
34	12.557	913	916	918	rBV2	31514	49462	1.05%	0.106%

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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	12.637	920	923	924	rVV	515161	729003	15.44%	1.567%
36	12.682	924	927	931	rVB4	38650	99717	2.11%	0.214%
37	12.785	934	936	939	rVB	3007000	3191536	67.59%	6.862%
38	12.854	939	942	946	rBV4	36271	65760	1.39%	0.141%
39	12.957	948	951	953	rVB	49526	107326	2.27%	0.231%
40	13.025	955	957	959	rBV	52836	68500	1.45%	0.147%
41	13.071	959	961	962	rBV	49582	72666	1.54%	0.156%
42	13.322	981	983	985	rBV	65578	94557	2.00%	0.203%
43	13.368	985	987	992	rVB3	41596	88771	1.88%	0.191%
44	13.574	1002	1005	1007	rBV3	41697	76141	1.61%	0.164%
45	13.631	1009	1010	1013	rVV2	36264	60197	1.27%	0.129%
46	13.700	1013	1016	1024	rVV3	148916	326399	6.91%	0.702%
47	13.825	1024	1027	1033	rBV	1105458	1596451	33.81%	3.432%
48	14.214	1059	1061	1063	rVB	52178	58304	1.23%	0.125%
49	14.614	1093	1096	1098	rBV3	42381	85787	1.82%	0.184%
50	14.682	1100	1102	1104	rVV2	39757	53241	1.13%	0.114%
51	14.831	1112	1115	1119	rBV	202212	373663	7.91%	0.803%
52	14.923	1120	1123	1125	rVB2	49803	73327	1.55%	0.158%
53	15.094	1136	1138	1141	rVB	132686	154430	3.27%	0.332%
54	15.151	1141	1143	1145	rVB	178432	206322	4.37%	0.444%
55	15.208	1145	1148	1150	rBV	781540	990457	20.98%	2.130%
56	15.700	1189	1191	1197	rVV6	20788	48808	1.03%	0.105%
57	15.814	1199	1201	1208	rVB5	30725	73975	1.57%	0.159%
58	16.191	1232	1234	1241	rVB6	31732	78271	1.66%	0.168%
59	16.488	1257	1260	1264	rVB2	81400	154407	3.27%	0.332%
60	16.877	1290	1294	1298	rBV	62375	131988	2.80%	0.284%

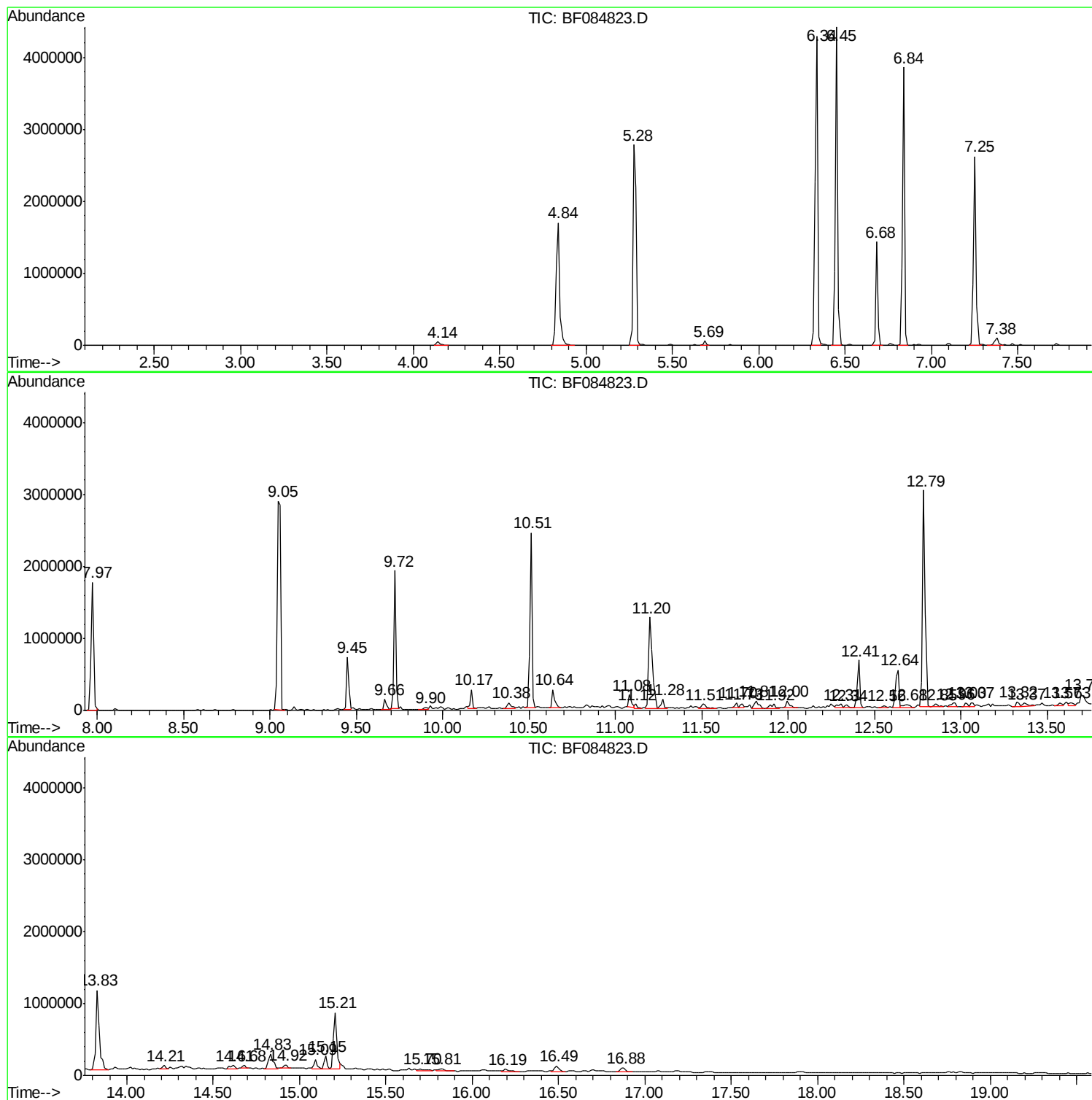
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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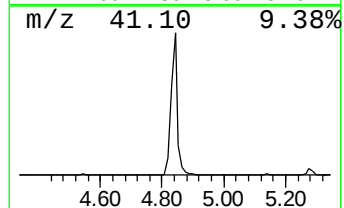
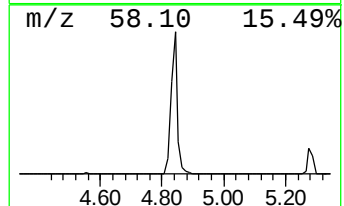
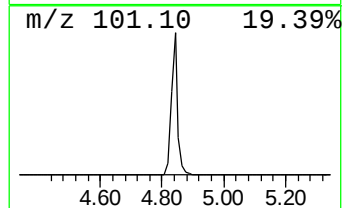
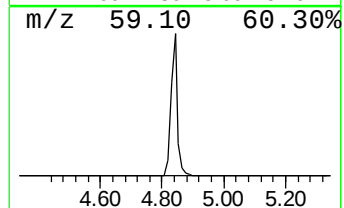
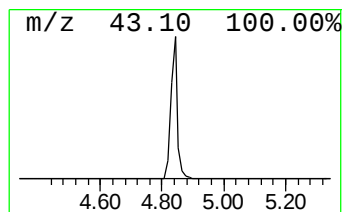
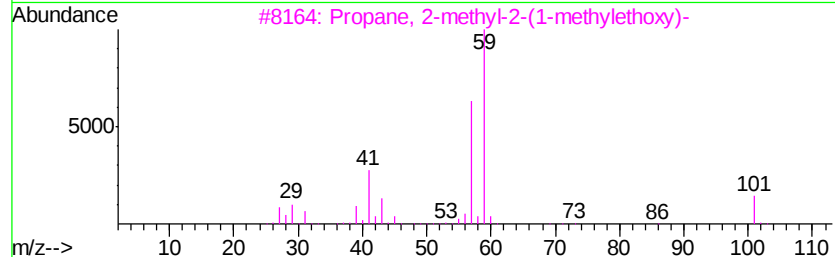
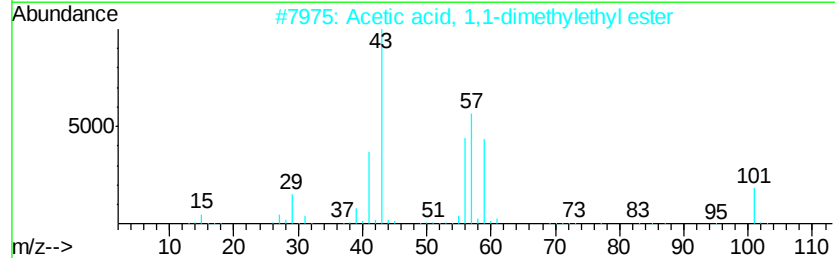
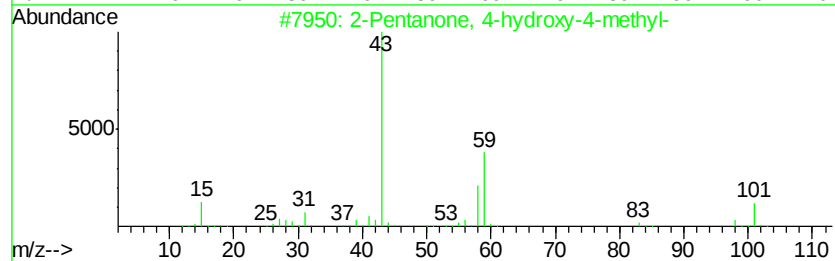
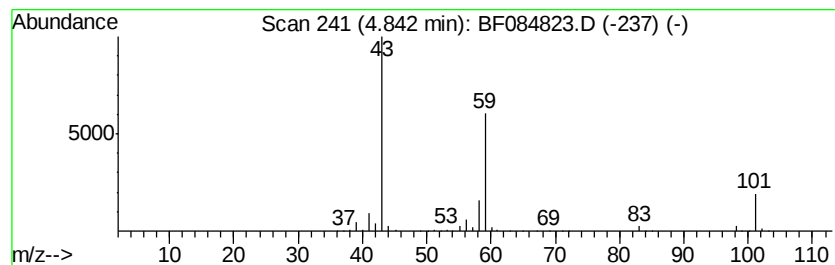
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
4.84	40.74 ng	2440080	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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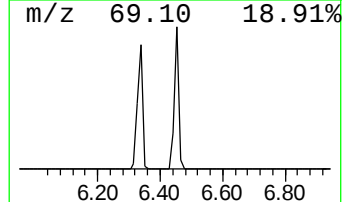
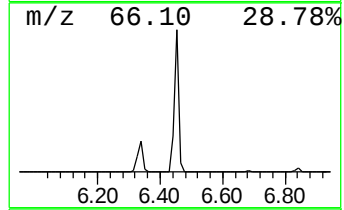
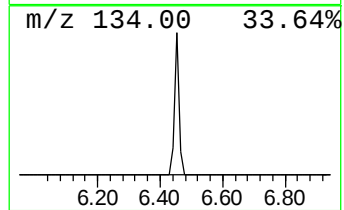
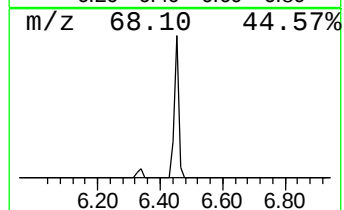
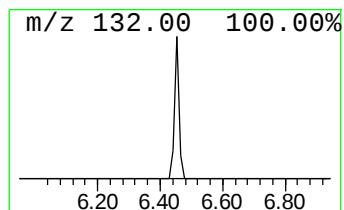
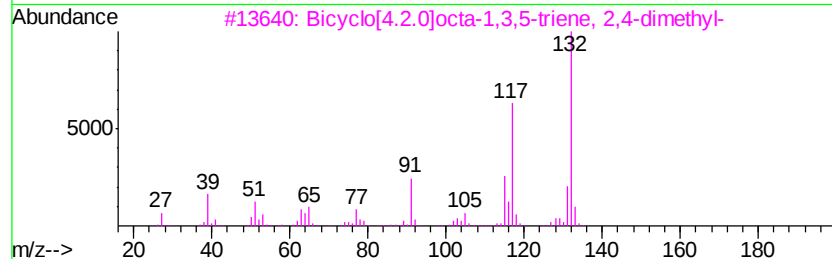
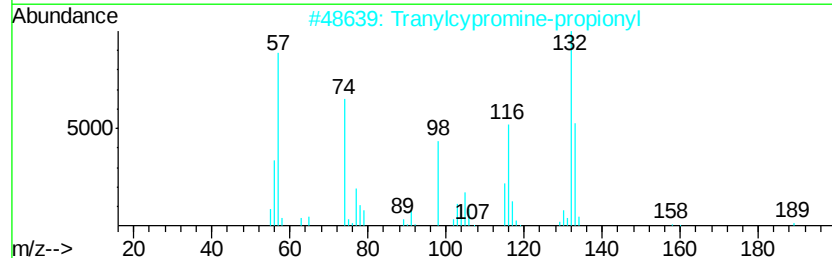
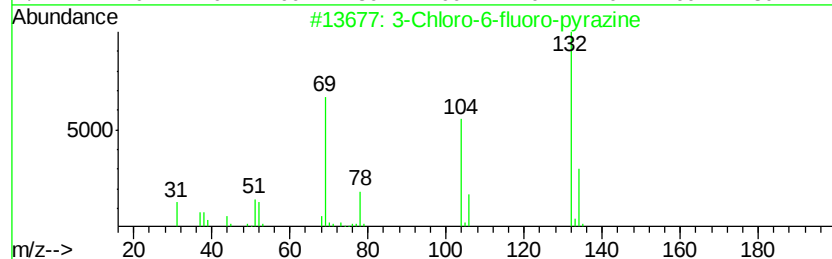
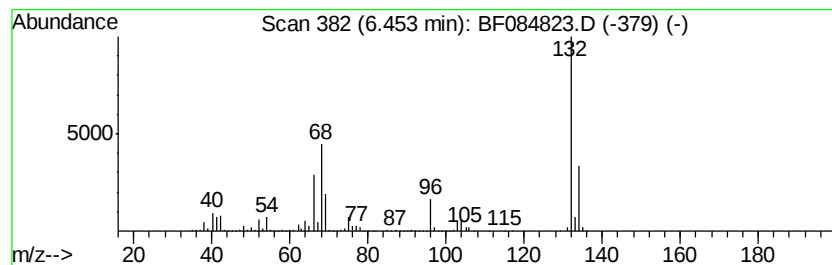
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	67.94 ng	4069490	1,4-Dichlorobenzene-d4	6.68

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



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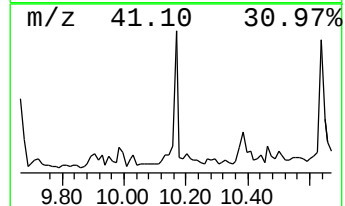
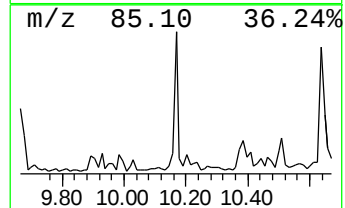
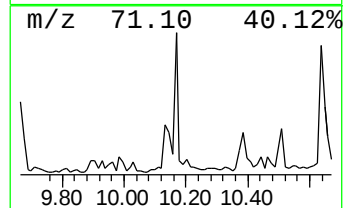
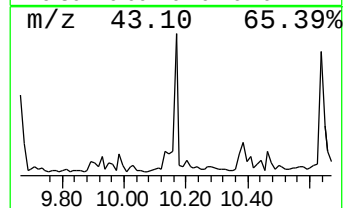
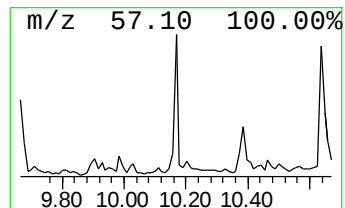
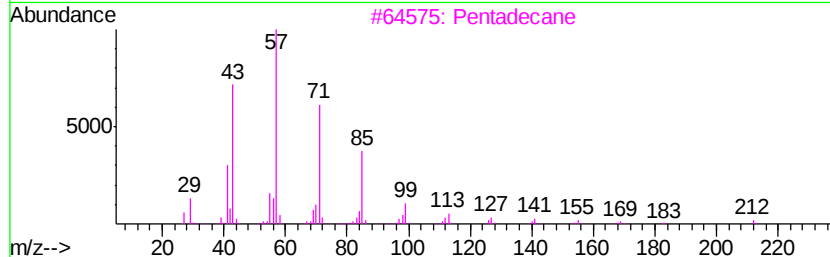
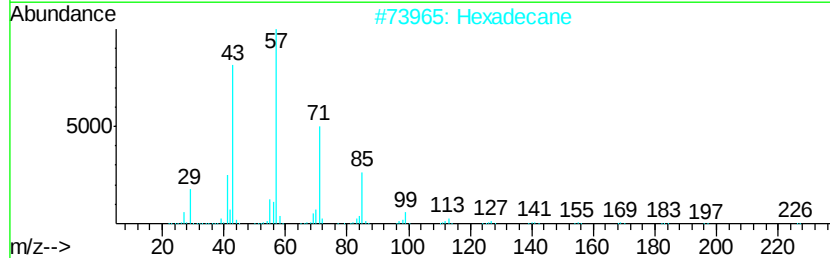
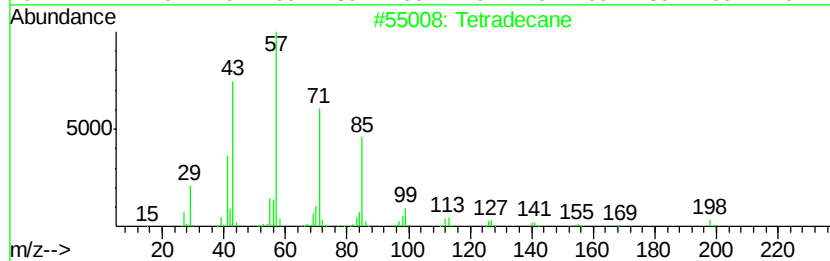
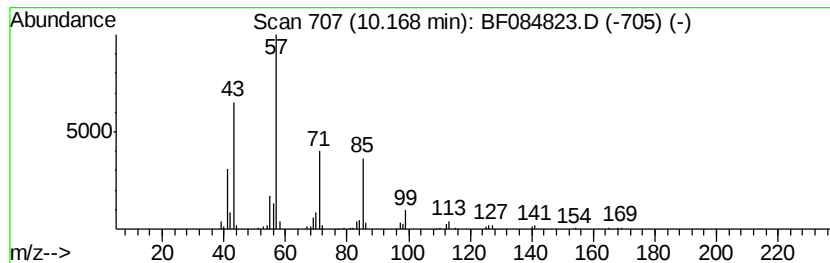
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.17	2.47 ng	204022	Acenaphthene-d10	9.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	83



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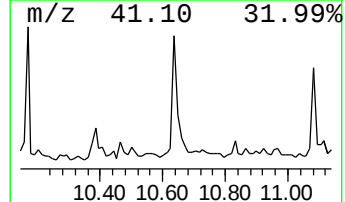
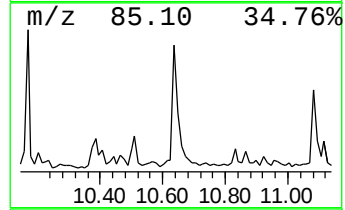
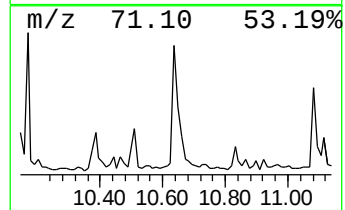
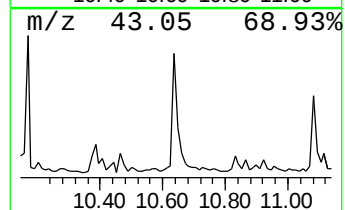
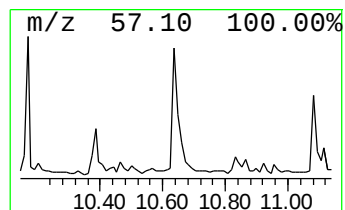
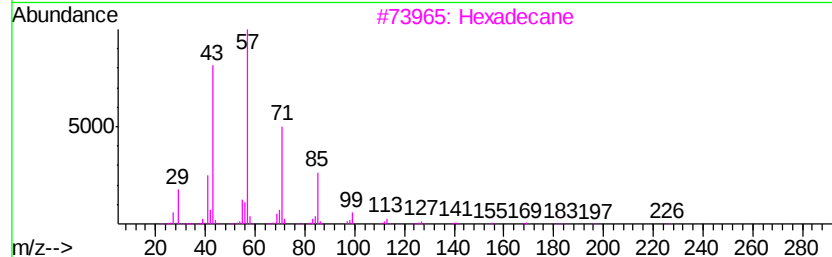
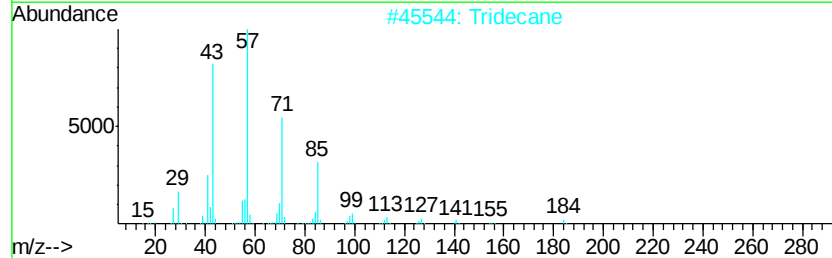
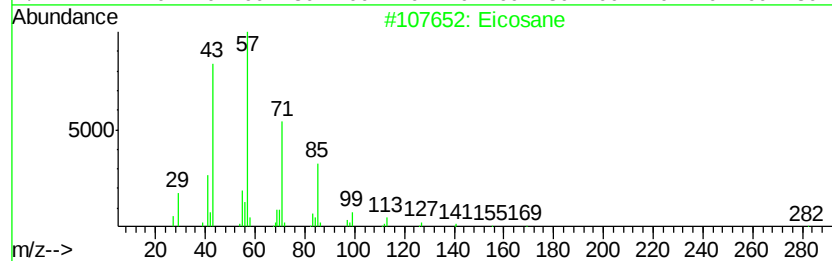
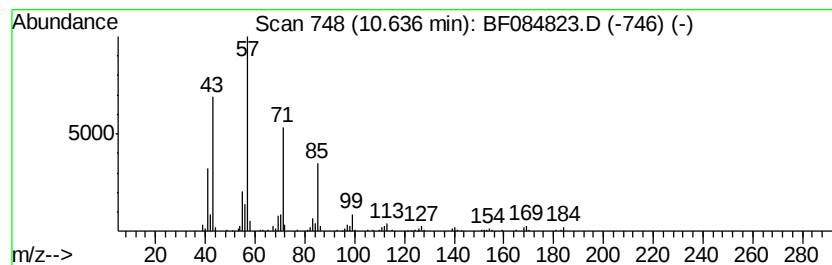
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	3.27 ng	294312	Phenanthrene-d10		11.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	86
5	Dodecane	170	C12H26	000112-40-3	80



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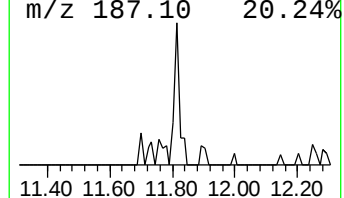
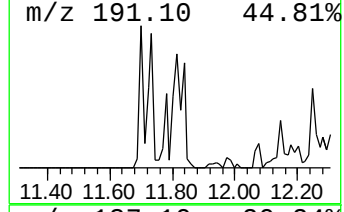
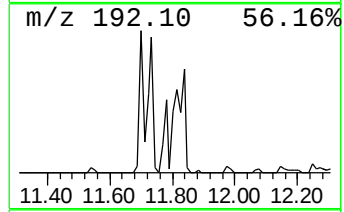
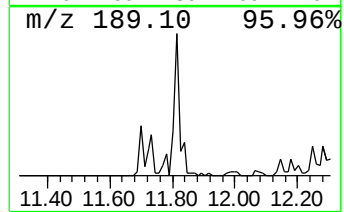
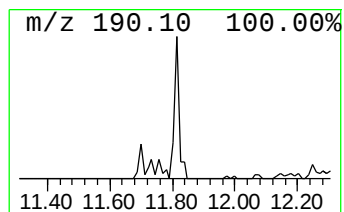
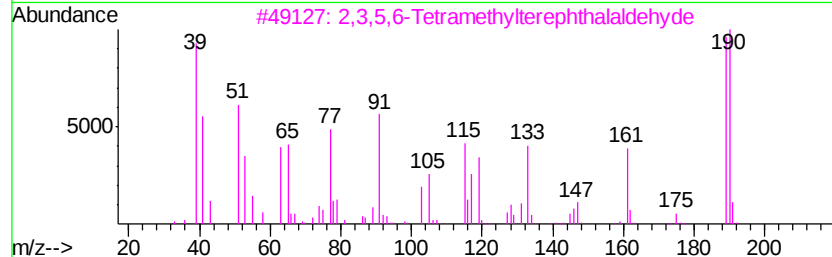
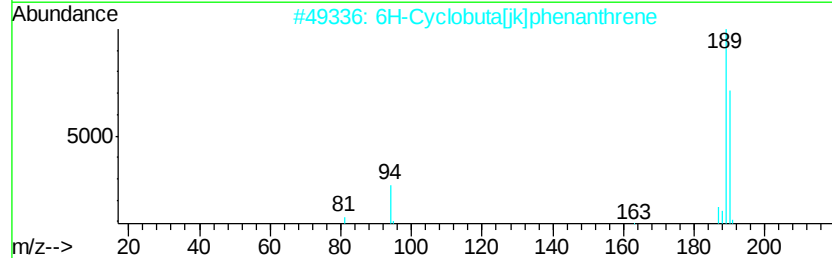
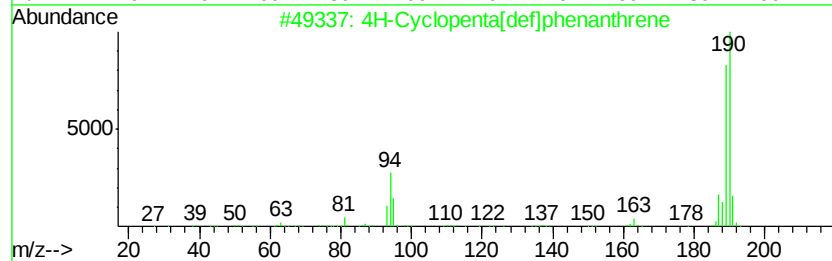
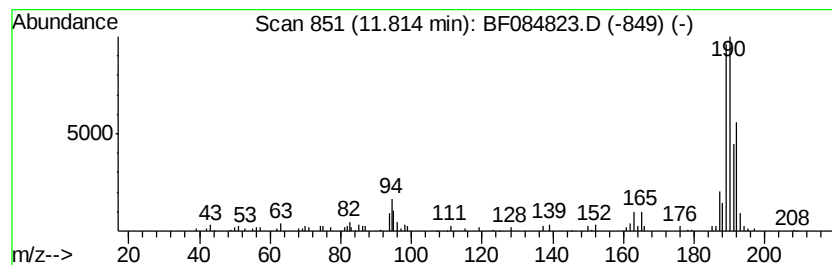
Instrument :
BNA_F
ClientSampleId :
S4-B020(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	2.04 ng	183735	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	62
3	2,3,5,6-Tetramethylterephthald...	190	C12H14O2	007072-01-7	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084823.D
Acq On : 4 Feb 2016 9:16
Operator : SJ/IZ
Sample : H1322-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B020(10-12)

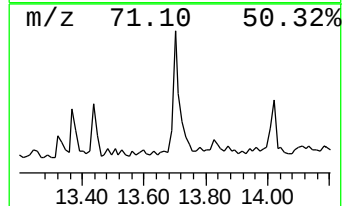
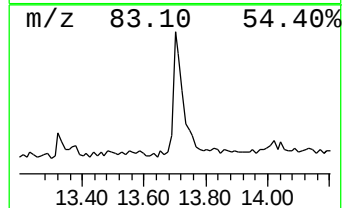
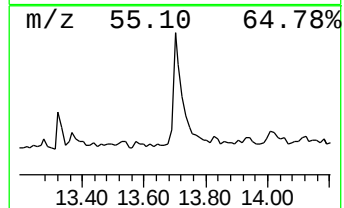
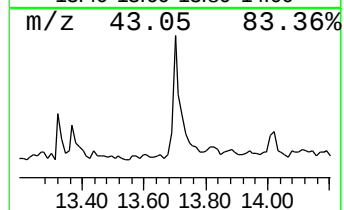
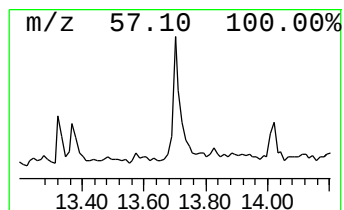
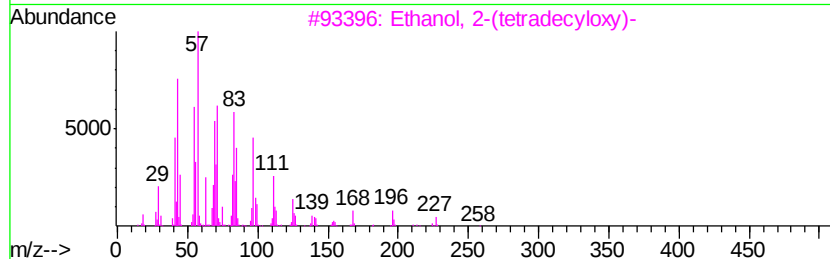
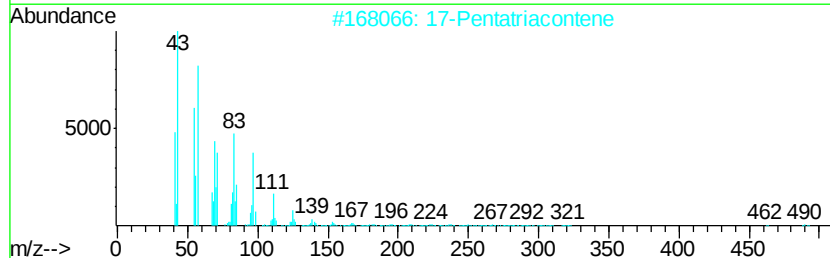
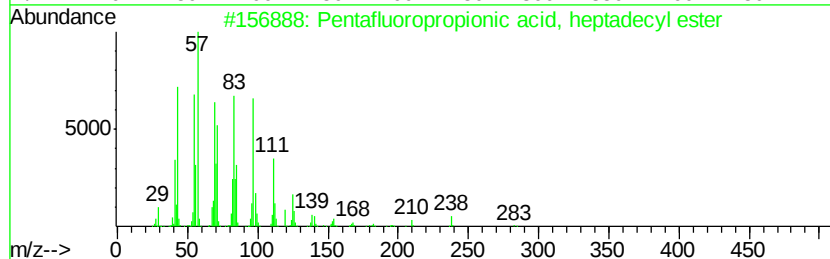
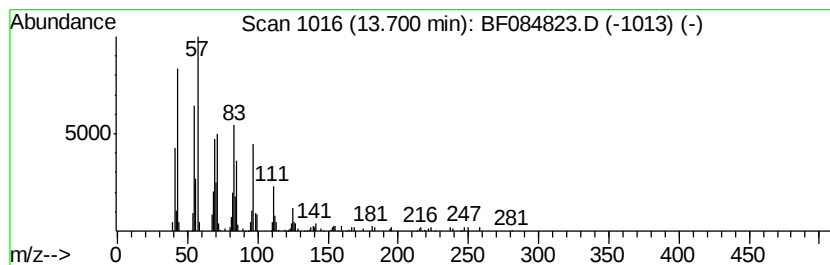
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.09 ng	326399	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		1-Docosene	308	C22H44	001599-67-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
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Acq On : 4 Feb 2016 9:16
Operator : SJ/IZ
Sample : H1322-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B020(10-12)

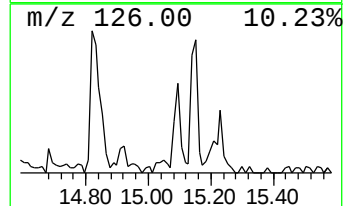
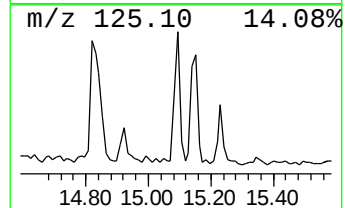
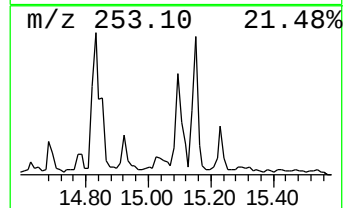
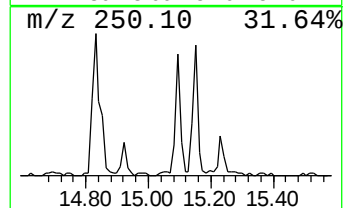
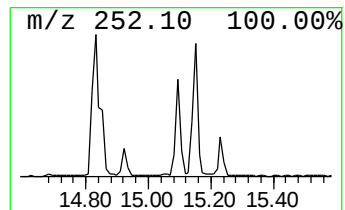
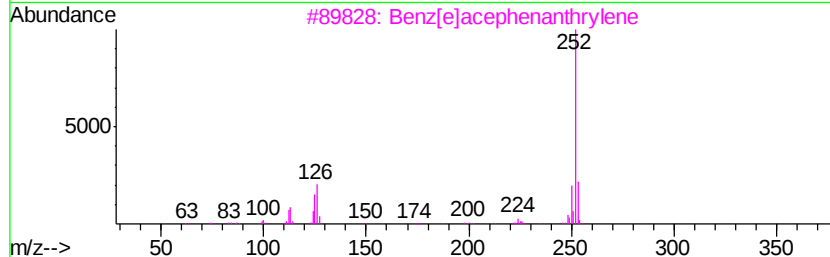
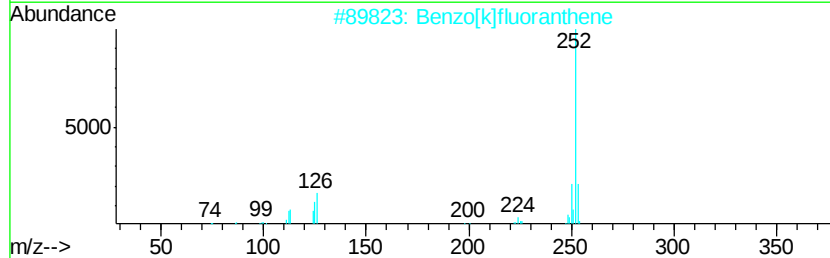
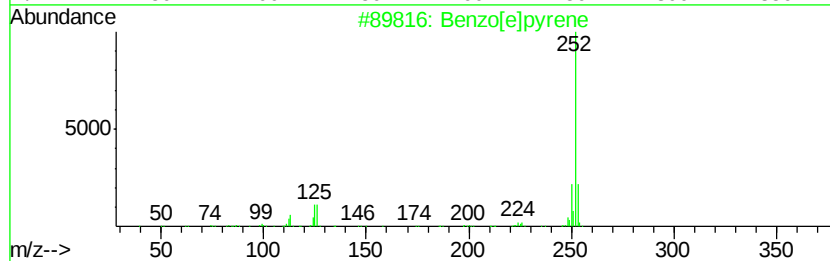
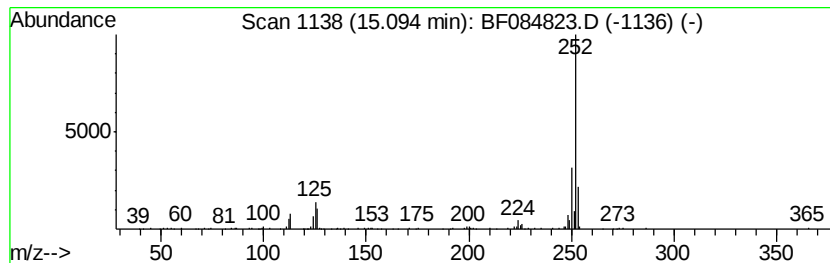
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.12 ng	154430	Perylene-d12	15.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
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Sample : H1322-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B020(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
2-Pentanone, 4-hy...	4.84	40.7	ng	2440080	1	6.68	1197890	20.0
unknown6.45	6.45	67.9	ng	4069490	1	6.68	1197890	20.0
Tetradecane	10.17	2.5	ng	204022	3	9.72	1652680	20.0
Eicosane	10.64	3.3	ng	294312	4	11.20	1798790	20.0
4H-Cyclopenta[def...	11.81	2.0	ng	183735	4	11.20	1798790	20.0
Pentafluoropropio...	13.70	4.1	ng	326399	5	13.83	1596450	20.0
Benzo[e]pyrene	15.09	3.1	ng	154430	6	15.21	990457	20.0