

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087107.D
 Acq On : 17 May 2016 17:21
 Operator : UM/SJ
 Sample : H2817-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

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-BF051716.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	1.724	10	12	31	rVB	3660750	6824361	57.86%	2.981%
2	4.730	272	275	288	rBV	192416	362956	3.08%	0.159%
3	5.187	312	315	317	rBV	2807900	3865411	32.77%	1.689%
4	6.296	406	412	414	rBV2	4720528	10772751	91.33%	4.706%
5	6.376	414	419	423	rVB3	3721641	11021543	93.44%	4.815%
6	6.536	430	433	436	rBV	5947482	6775232	57.44%	2.960%
7	6.616	436	440	443	rVV2	6549900	8165840	69.23%	3.567%
8	6.776	449	454	456	rBV2	7202477	11795015	100.00%	5.153%
9	7.107	480	483	485	rBV	5506360	6285864	53.29%	2.746%
10	7.165	485	488	491	rBV	2142698	2652572	22.49%	1.159%
11	7.439	508	512	520	rVV	3927625	9299412	78.84%	4.063%
12	7.576	520	524	528	rVB3	90902	193438	1.64%	0.085%
13	7.759	538	540	543	rBV	3113598	3107586	26.35%	1.358%
14	7.828	543	546	548	rVV	4303280	6209541	52.65%	2.713%
15	7.908	548	553	555	rVB2	4217547	5469868	46.37%	2.390%
16	8.022	560	563	566	rVB	2871903	2815287	23.87%	1.230%
17	8.468	599	602	605	rBV	5212224	6653761	56.41%	2.907%
18	8.605	610	614	616	rVV	6916286	9940937	84.28%	4.343%
19	8.696	620	622	623	rVB	154316	159780	1.35%	0.070%
20	8.891	634	639	641	rBV	4839614	5451485	46.22%	2.382%
21	8.925	641	642	644	rVV	1716784	2752472	23.34%	1.202%
22	8.971	644	646	648	rVV	3678641	4448883	37.72%	1.944%
23	9.085	651	656	659	rVV	4522892	5544420	47.01%	2.422%
24	9.371	678	681	683	rBV	285854	422438	3.58%	0.185%
25	9.576	697	699	701	rBV	262838	222315	1.88%	0.097%
26	9.633	701	704	705	rBV	1306698	1622098	13.75%	0.709%
27	9.668	705	707	709	rVB	5341968	5323030	45.13%	2.325%
28	9.805	716	719	725	rBV	2766678	3887748	32.96%	1.698%
29	10.079	738	743	745	rBV	4652983	4768565	40.43%	2.083%
30	10.182	748	752	754	rVV	6095183	6826554	57.88%	2.982%
31	10.285	758	761	765	rBV	70614	128296	1.09%	0.056%
32	10.422	770	773	775	rBV	2849022	2862569	24.27%	1.251%
33	10.548	782	784	788	rBV	205368	319469	2.71%	0.140%
34	10.662	791	794	796	rBV	4092302	3880616	32.90%	1.695%

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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 >
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35	10.925	815	817	820	rBV	2445918	3332722	28.26%	1.456%
36	10.994	820	823	824	rVB	119232	181011	1.53%	0.079%
37	11.108	831	833	835	rBV	1535248	1315205	11.15%	0.575%
38	11.188	837	840	843	rBV	4449975	5157126	43.72%	2.253%
39	11.691	881	884	887	rVB	5591364	6387238	54.15%	2.790%
40	11.942	903	906	908	rVB	169872	240967	2.04%	0.105%
41	12.457	949	951	956	rBV	79676	135955	1.15%	0.059%
42	12.559	956	960	962	rVV	5140109	8677834	73.57%	3.791%
43	12.697	969	972	974	rBV	4114019	4487917	38.05%	1.961%
44	12.948	991	994	1000	rVB3	56764	125116	1.06%	0.055%
45	13.177	1011	1014	1016	rBV	4890881	4768662	40.43%	2.083%
46	13.634	1052	1054	1058	rVV3	80313	216441	1.84%	0.095%
47	13.737	1060	1063	1064	rVV	6509112	6772109	57.42%	2.959%
48	13.771	1064	1066	1069	rVV	4919965	6482128	54.96%	2.832%
49	13.817	1069	1070	1077	rVB	105741	123809	1.05%	0.054%
50	14.217	1103	1105	1107	rBV	102810	128865	1.09%	0.056%
51	14.354	1114	1117	1119	rBV	4632491	5931377	50.29%	2.591%
52	14.514	1127	1131	1134	rBV3	77237	153628	1.30%	0.067%
53	14.571	1134	1136	1139	rVV	318596	439996	3.73%	0.192%
54	14.731	1147	1150	1151	rBV	2289017	3046456	25.83%	1.331%
55	14.765	1151	1153	1155	rVV	4123401	5785204	49.05%	2.527%
56	14.800	1155	1156	1159	rVB	284852	281055	2.38%	0.123%
57	15.097	1179	1182	1187	rBV	734072	971929	8.24%	0.425%
58	15.485	1213	1216	1219	rVB	143146	193083	1.64%	0.084%
59	16.720	1318	1324	1327	rBV	1264075	2734826	23.19%	1.195%

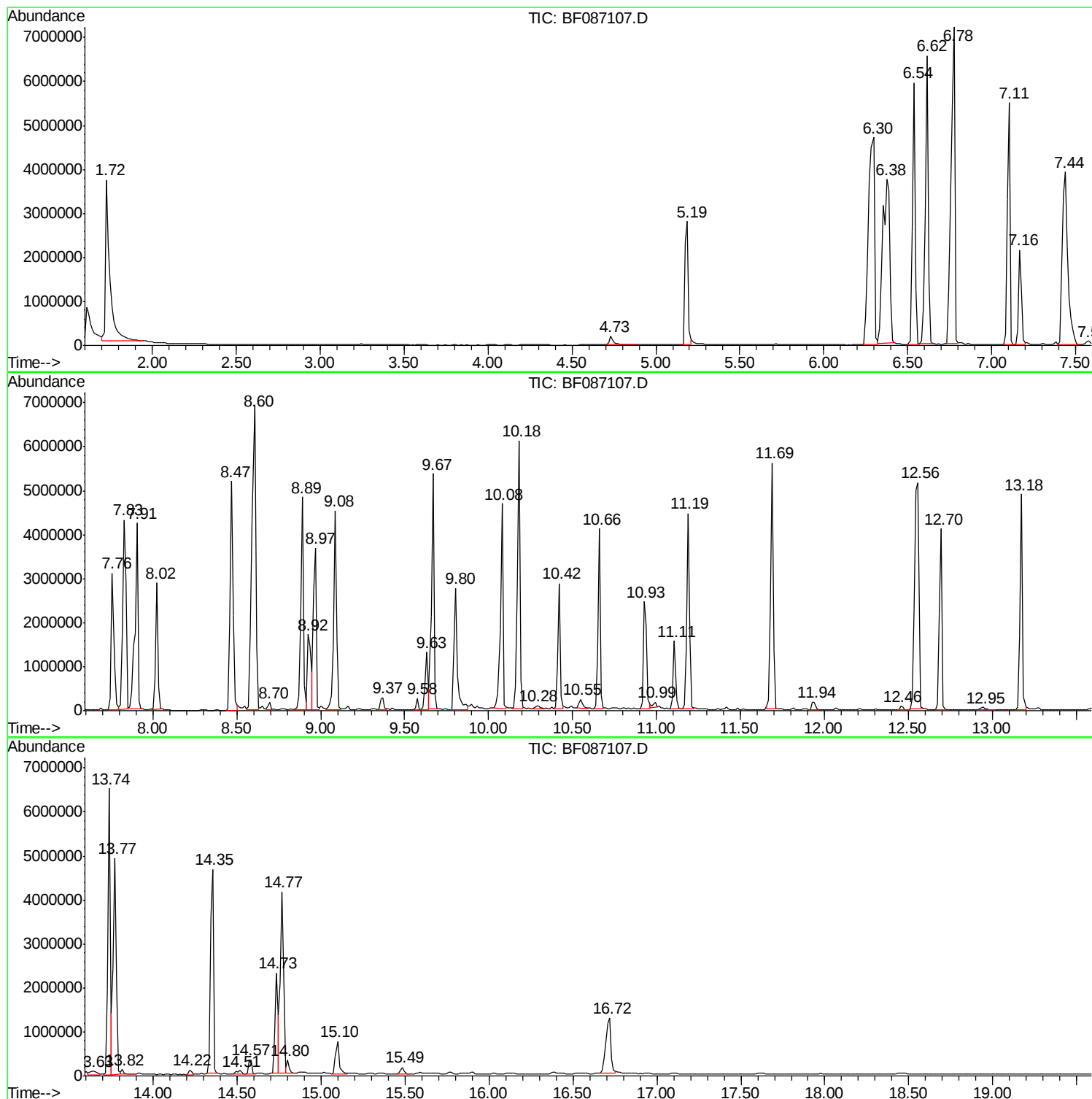
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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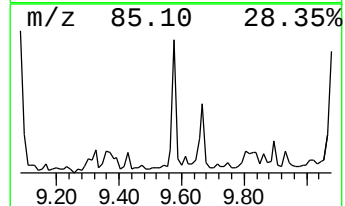
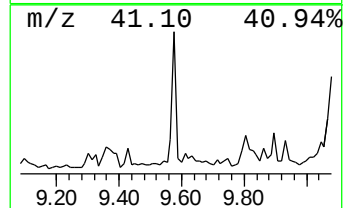
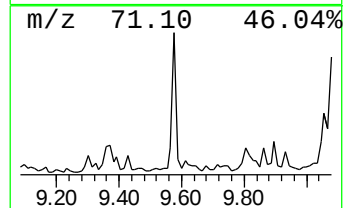
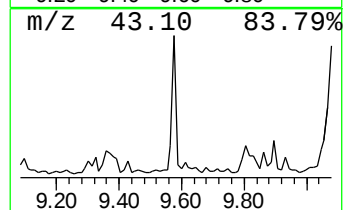
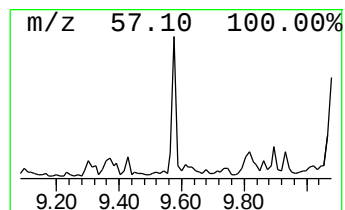
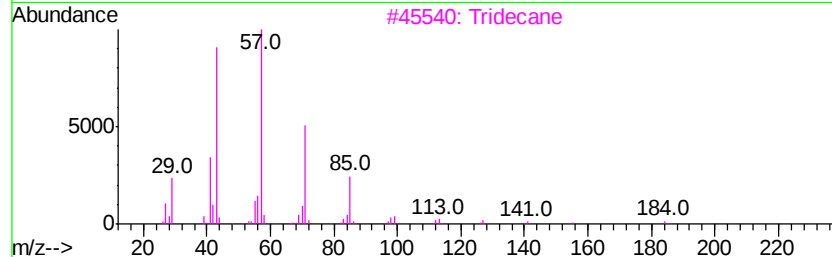
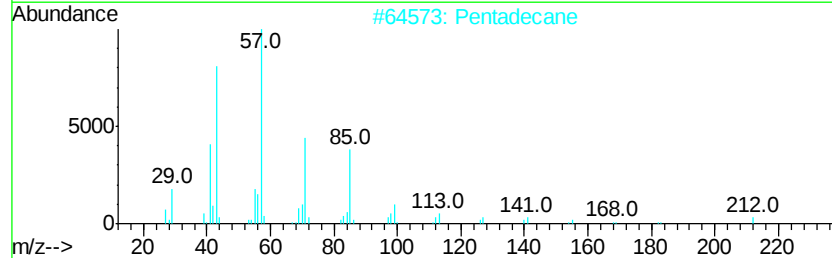
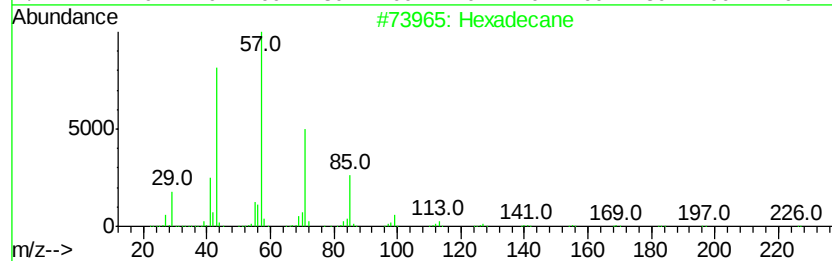
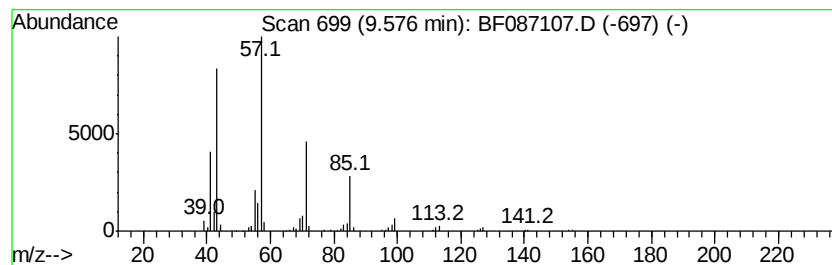
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.74 ng	222315	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Octadecane	254	C18H38	000593-45-3	72



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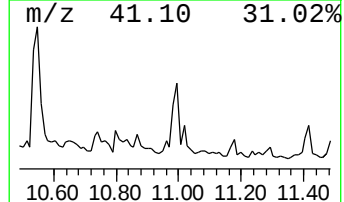
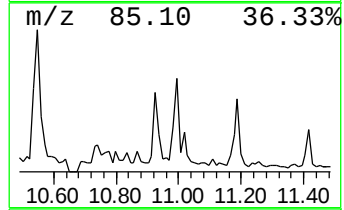
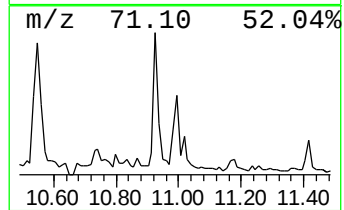
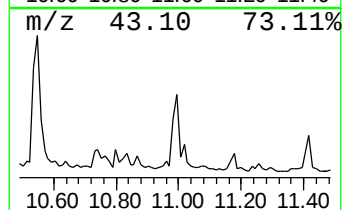
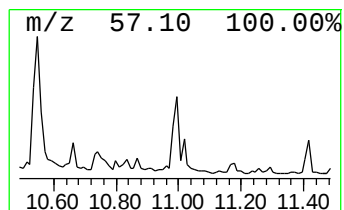
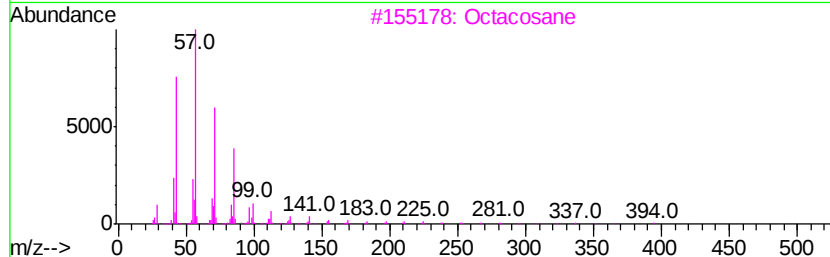
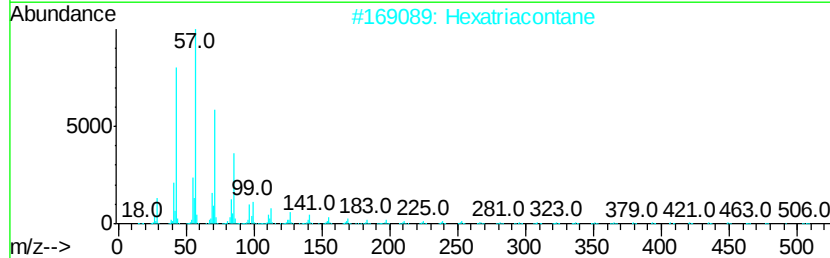
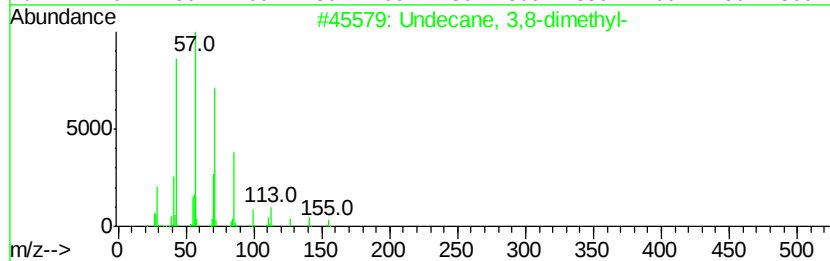
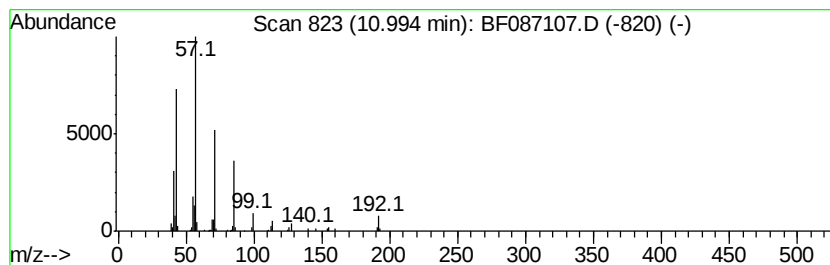
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Undecane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	2.75 ng	181011	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78	
2	Hexatriacontane	507	C36H74	000630-06-8	78	
3	Octacosane	394	C28H58	000630-02-4	78	
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78	
5	Dodecane	170	C12H26	000112-40-3	78	



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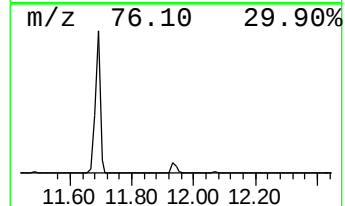
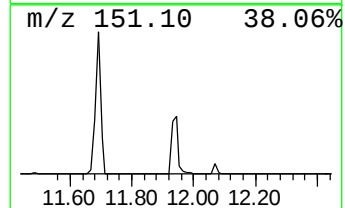
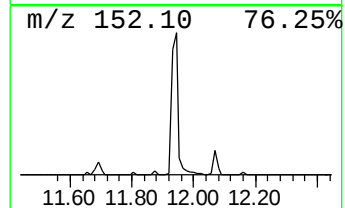
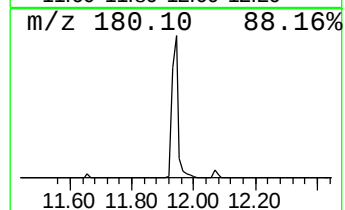
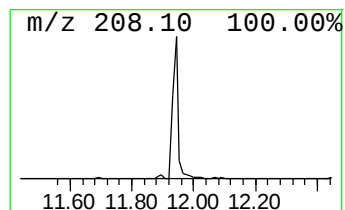
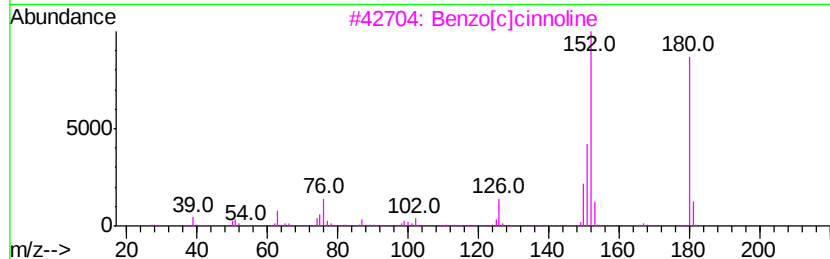
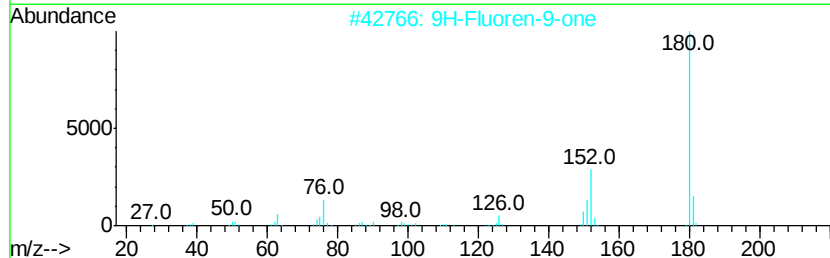
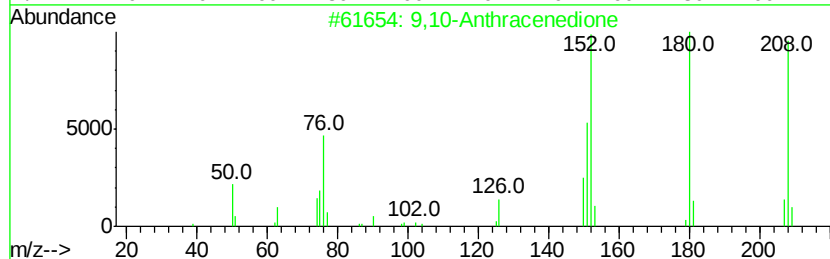
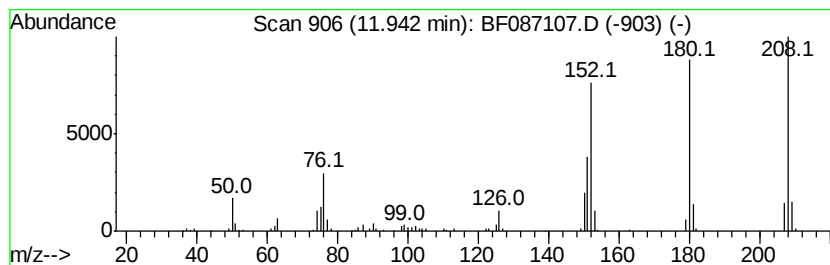
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.66 ng	240967	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



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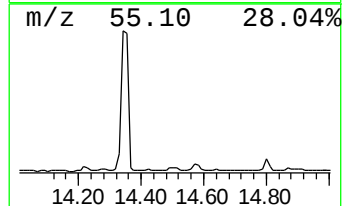
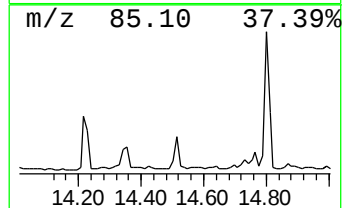
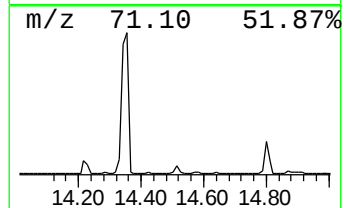
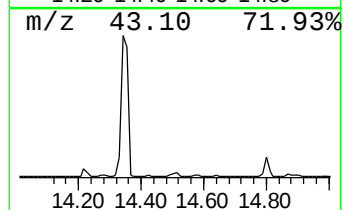
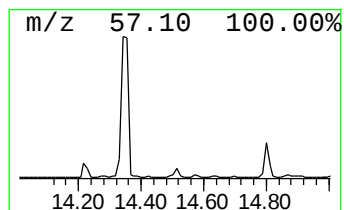
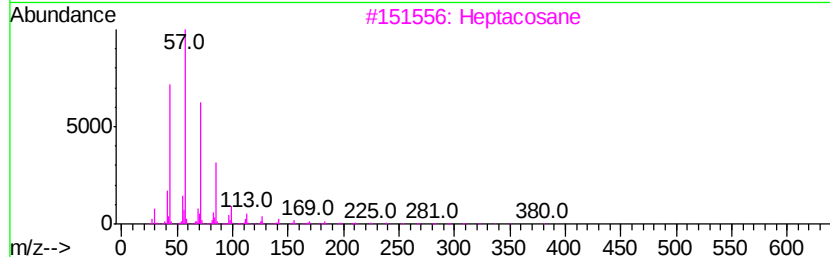
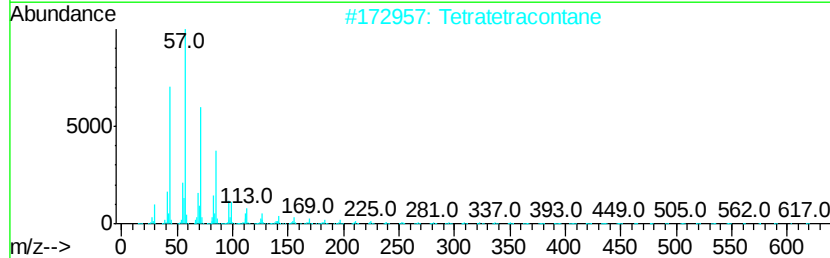
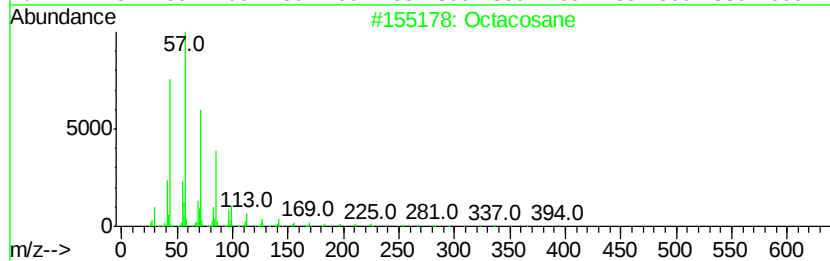
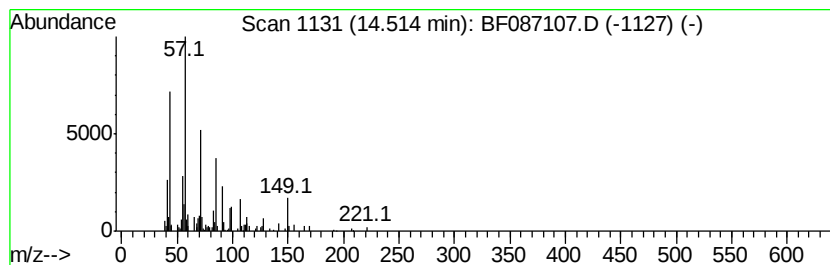
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.16 ng	153628	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Tetratetracontane	619	C44H90	007098-22-8	80
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexatriacontane	507	C36H74	000630-06-8	72
5		Heneicosane	296	C21H44	000629-94-7	68



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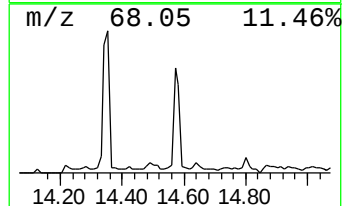
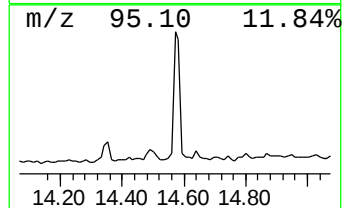
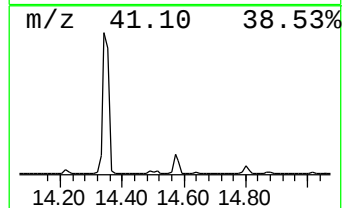
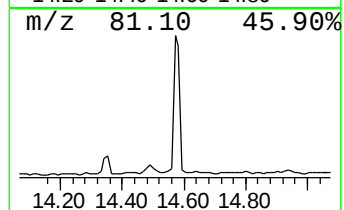
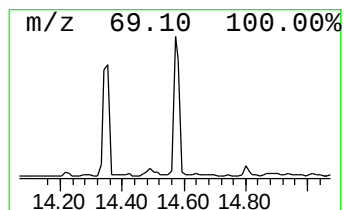
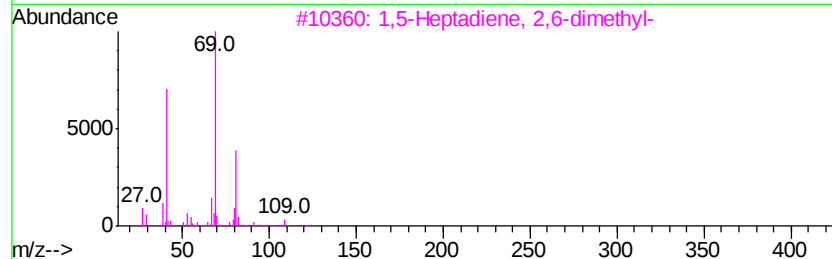
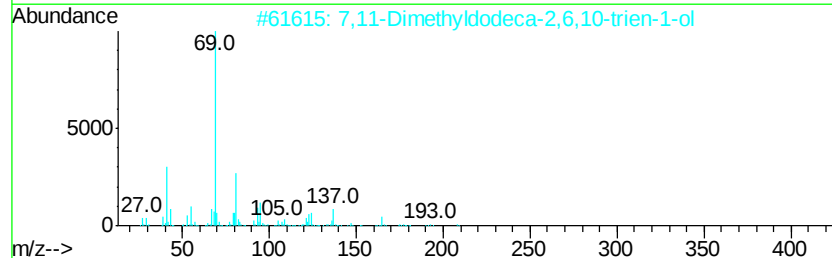
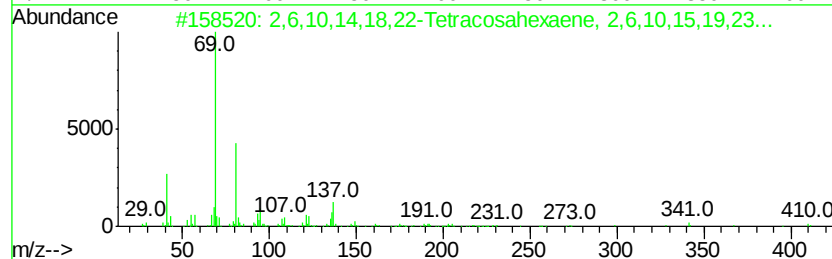
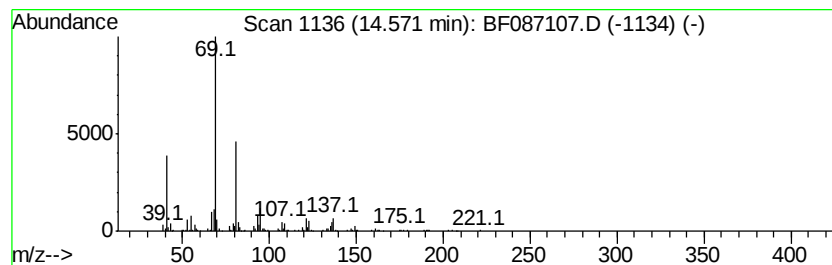
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	9.05 ng	439996	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83		
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64		
3	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	64		
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53		
5	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	53		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087107.D
Acq On : 17 May 2016 17:21
Operator : UM/SJ
Sample : H2817-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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
Hexadecane	9.58	2.7	ng	222315	3	9.63	1622100	20.0
Undecane, 3,8-dim...	10.99	2.8	ng	181011	4	11.11	1315210	20.0
9,10-Anthracenedione	11.94	3.7	ng	240967	4	11.11	1315210	20.0
Octacosane	14.51	3.2	ng	153628	6	15.10	971929	20.0
2,6,10,14,18,22-T...	14.57	9.1	ng	439996	6	15.10	971929	20.0