

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086296.D
 Acq On : 18 Apr 2016 22:00
 Operator : UM/SJ
 Sample : H2413-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C(0-2)

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-BF041516.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	5.059	258	260	264	rBV	105554	116480	4.41%	0.334%
2	5.470	294	296	299	rBV	1238367	1428045	54.12%	4.098%
3	6.510	384	387	389	rBV	1022458	1404819	53.24%	4.032%
4	6.647	397	399	402	rBV	1811833	1519258	57.58%	4.360%
5	6.762	407	409	415	rVB2	25075	30995	1.17%	0.089%
6	6.887	417	420	422	rBV	2202022	1818161	68.91%	5.218%
7	7.047	431	434	436	rBV	872918	1143325	43.33%	3.281%
8	7.150	440	443	447	rBV	42804	55434	2.10%	0.159%
9	7.379	460	463	466	rBV	23612	39664	1.50%	0.114%
10	7.447	466	469	471	rVV	1015891	898188	34.04%	2.578%
11	7.527	475	476	481	rVB2	31663	35432	1.34%	0.102%
12	7.962	512	514	518	rVB3	15209	31090	1.18%	0.089%
13	8.179	530	533	535	rBV	1614762	2259728	85.65%	6.485%
14	8.830	586	590	592	rVB2	18884	40531	1.54%	0.116%
15	8.888	592	595	596	rBV	63465	52876	2.00%	0.152%
16	8.990	601	604	606	rBV	42462	53184	2.02%	0.153%
17	9.070	608	611	616	rBV5	10917	27176	1.03%	0.078%
18	9.253	624	627	629	rBV	1198483	1408502	53.38%	4.042%
19	9.333	629	634	639	rVV2	14762	37432	1.42%	0.107%
20	9.516	647	650	651	rBV	28211	39271	1.49%	0.113%
21	9.585	654	656	657	rVV	66166	60596	2.30%	0.174%
22	9.642	660	661	664	rVV2	197254	198134	7.51%	0.569%
23	9.699	665	666	671	rVB	24303	45753	1.73%	0.131%
24	9.791	671	674	676	rBV	250267	266814	10.11%	0.766%
25	9.859	679	680	683	rVB	25527	29936	1.13%	0.086%
26	9.928	683	686	688	rBV	2385062	2104503	79.76%	6.040%
27	9.962	688	689	690	rVB	81637	56377	2.14%	0.162%
28	10.088	697	700	701	rBV3	14343	32307	1.22%	0.093%
29	10.133	701	704	705	rVV	56058	76119	2.89%	0.218%
30	10.168	705	707	711	rVB2	29112	39593	1.50%	0.114%
31	10.236	711	713	715	rBV3	36926	54305	2.06%	0.156%
32	10.328	719	721	722	rVV	18759	30412	1.15%	0.087%
33	10.362	722	724	728	rVV2	72767	103388	3.92%	0.297%
34	10.442	730	731	732	rVV	58358	43561	1.65%	0.125%

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35	10.476	732	734	737	rVB2	92258	137372	5.21%	0.394%
36	10.579	737	743	746	rBV3	68366	166611	6.31%	0.478%
37	10.636	746	748	752	rVB2	25251	60911	2.31%	0.175%
38	10.705	752	754	757	rBV2	598679	702941	26.64%	2.017%
39	10.831	764	765	771	rVB	91902	148421	5.63%	0.426%
40	10.922	771	773	775	rBV2	21073	38643	1.46%	0.111%
41	11.025	779	782	783	rVV3	38500	67224	2.55%	0.193%
42	11.105	787	789	790	rVV2	31288	36865	1.40%	0.106%
43	11.174	792	795	796	rVV3	39432	60016	2.27%	0.172%
44	11.208	796	798	801	rVB2	37544	54870	2.08%	0.157%
45	11.311	801	807	810	rVB3	61441	184175	6.98%	0.529%
46	11.414	813	816	819	rBV	1534183	2504077	94.91%	7.187%
47	11.482	819	822	824	rVV	455636	383002	14.52%	1.099%
48	11.516	824	825	827	rVB	52134	44701	1.69%	0.128%
49	11.631	832	835	837	rBV2	81825	118765	4.50%	0.341%
50	11.711	840	842	843	rVV2	42187	42940	1.63%	0.123%
51	11.734	843	844	846	rVB2	41566	42981	1.63%	0.123%
52	11.825	850	852	854	rVB2	32764	46296	1.75%	0.133%
53	11.859	854	855	857	rBV2	19905	33327	1.26%	0.096%
54	11.905	857	859	861	rBV	119076	208068	7.89%	0.597%
55	11.939	861	862	864	rVB	268191	197779	7.50%	0.568%
56	11.985	864	866	867	rBV	138723	122530	4.64%	0.352%
57	12.019	867	869	873	rVB	307243	444552	16.85%	1.276%
58	12.111	873	877	878	rBV3	36259	55233	2.09%	0.159%
59	12.202	883	885	889	rVB4	102005	198418	7.52%	0.569%
60	12.351	896	898	900	rBV3	39820	61860	2.34%	0.178%
61	12.385	900	901	904	rVB	76373	107377	4.07%	0.308%
62	12.454	905	907	909	rBV	157607	207981	7.88%	0.597%
63	12.499	909	911	913	rVV2	88276	145199	5.50%	0.417%
64	12.545	913	915	917	rVB3	72516	114923	4.36%	0.330%
65	12.614	919	921	923	rBV	931788	1109225	42.04%	3.183%
66	12.682	923	927	928	rBV2	38278	61350	2.33%	0.176%
67	12.717	928	930	931	rVB	74033	82875	3.14%	0.238%
68	12.774	931	935	938	rBV3	64905	145154	5.50%	0.417%
69	12.842	938	941	944	rBV	953209	1349865	51.16%	3.874%
70	12.911	945	947	948	rVB2	52925	69842	2.65%	0.200%
71	12.991	952	954	958	rVB	1154075	1095444	41.52%	3.144%

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72	13.059	958	960	964	rBV3	114085	256087	9.71%	0.735%
73	13.174	966	970	972	rVB	276922	381161	14.45%	1.094%
74	13.242	974	976	977	rBV	178133	154908	5.87%	0.445%
75	13.277	977	979	981	rBV	190584	184260	6.98%	0.529%
76	13.345	983	985	986	rBV2	44739	61718	2.34%	0.177%
77	13.368	986	987	989	rVV	126780	118514	4.49%	0.340%
78	13.402	989	990	992	rVB	127141	100589	3.81%	0.289%
79	13.574	1001	1005	1008	rBV4	77699	191425	7.26%	0.549%
80	13.677	1012	1014	1017	rVB	98919	135392	5.13%	0.389%
81	13.791	1021	1024	1025	rBV2	137394	214416	8.13%	0.615%
82	13.894	1031	1033	1035	rVB2	87595	131982	5.00%	0.379%
83	14.042	1043	1046	1052	rVB2	1708673	2638431	100.00%	7.572%
84	14.145	1053	1055	1057	rBV	84872	104189	3.95%	0.299%
85	14.431	1078	1080	1082	rBV2	232535	289454	10.97%	0.831%
86	15.071	1133	1136	1141	rBV	395380	892941	33.84%	2.563%
87	15.357	1159	1161	1164	rVB	329441	394221	14.94%	1.131%
88	15.414	1164	1166	1169	rBV	407972	546683	20.72%	1.569%
89	15.483	1169	1172	1173	rBV	809480	1019062	38.62%	2.925%
90	16.888	1292	1295	1299	rVB2	208428	407773	15.46%	1.170%
91	17.311	1329	1332	1337	rBV	189550	386912	14.66%	1.110%

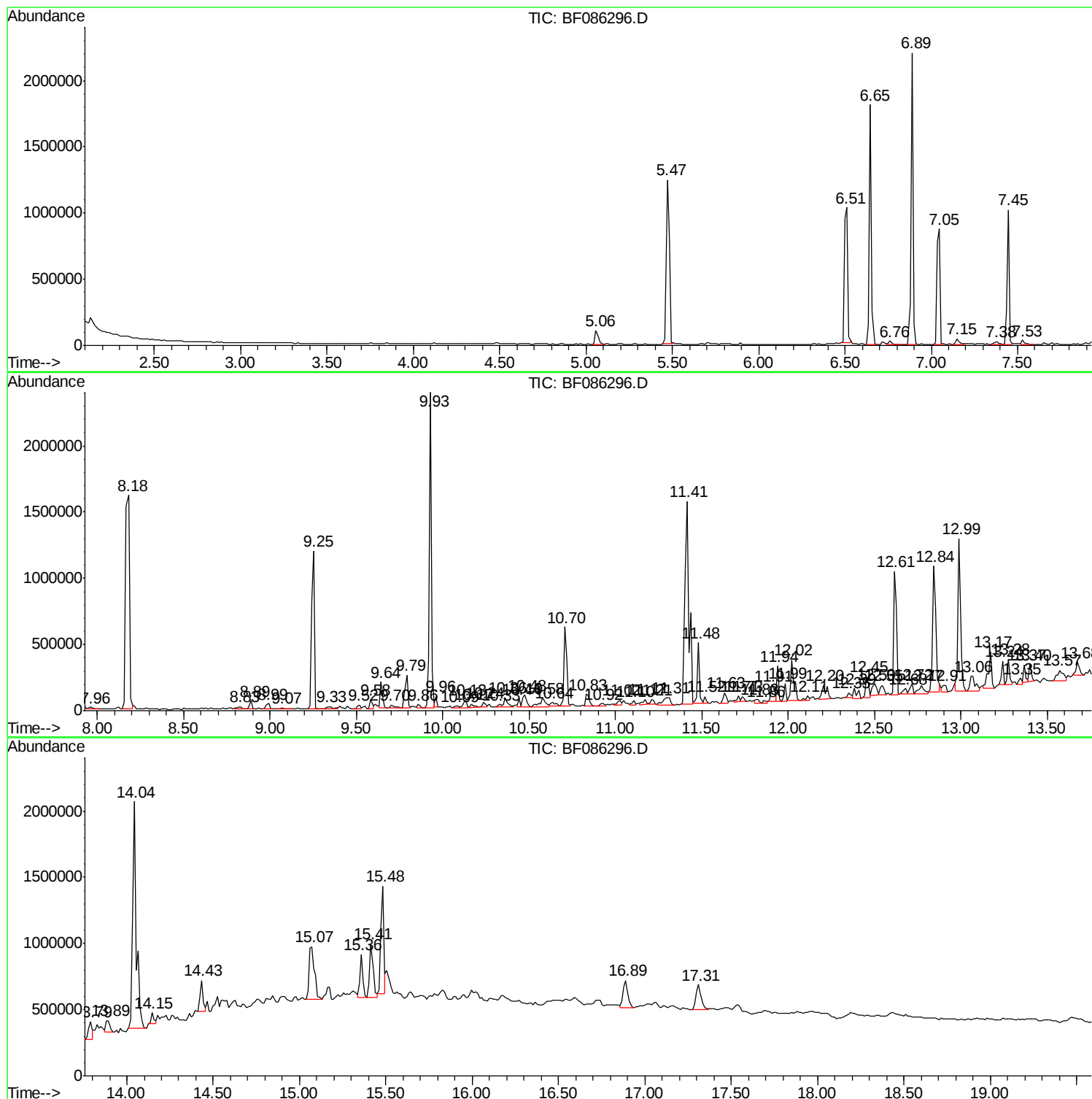
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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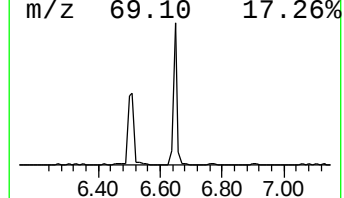
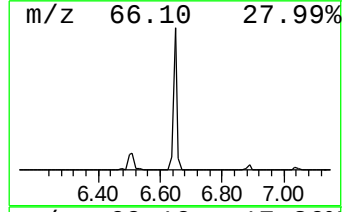
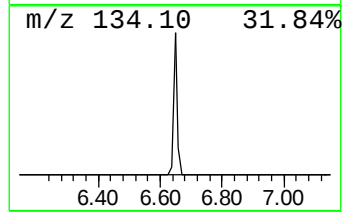
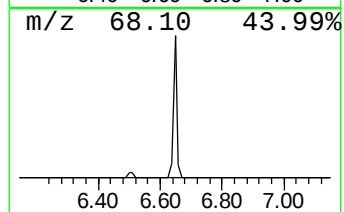
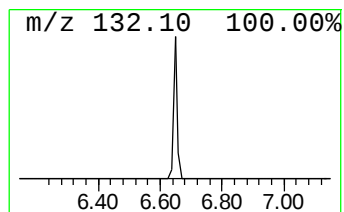
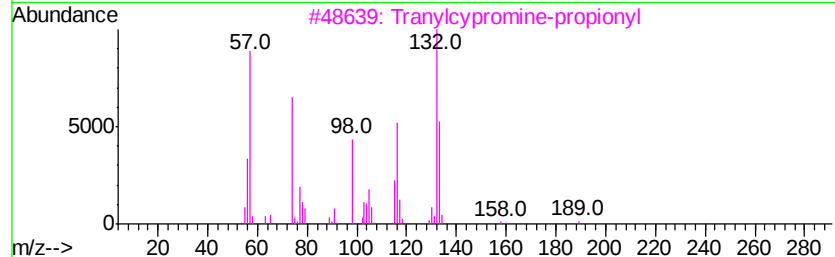
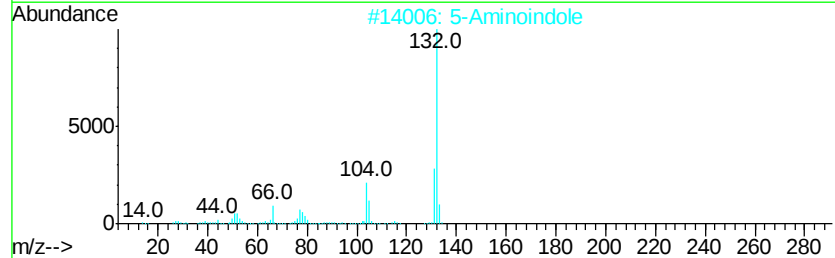
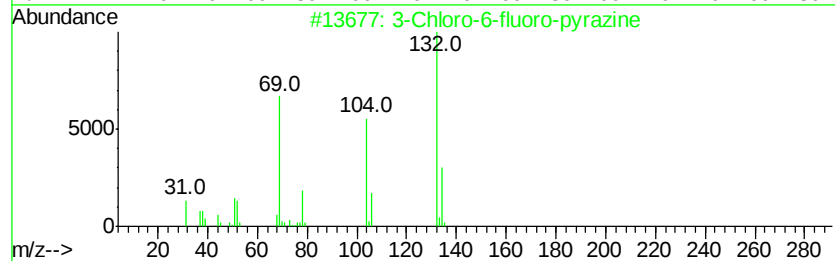
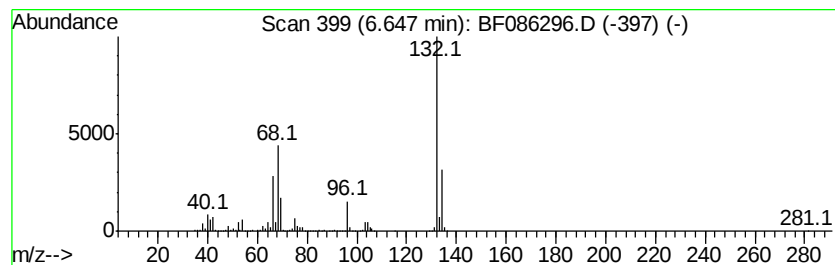
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	16.71 ng	1519260	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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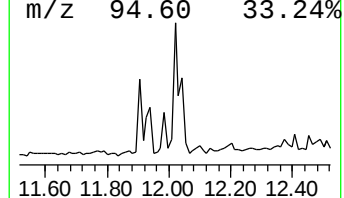
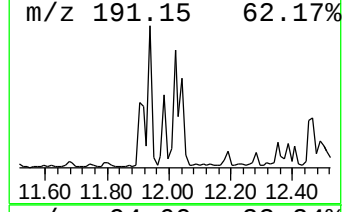
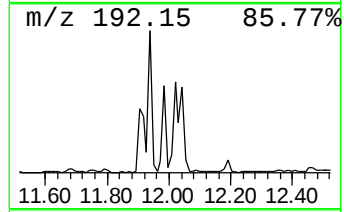
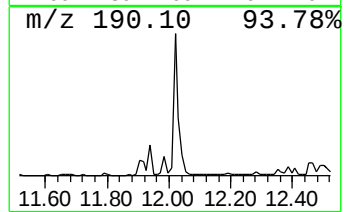
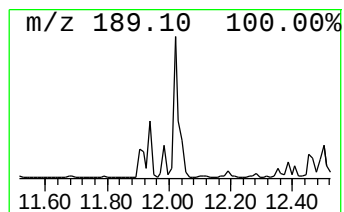
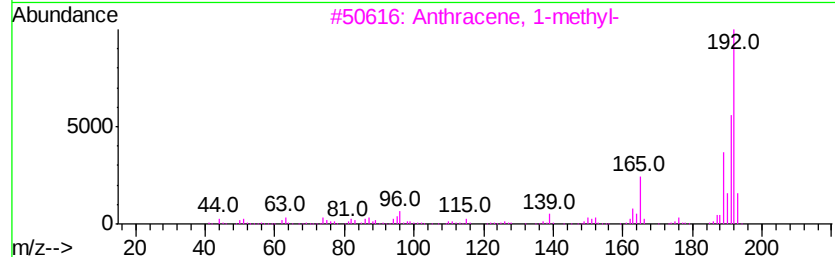
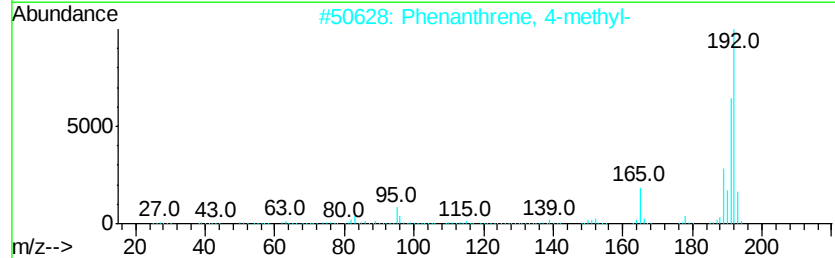
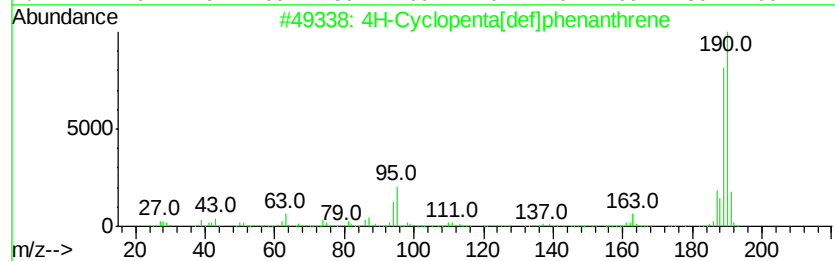
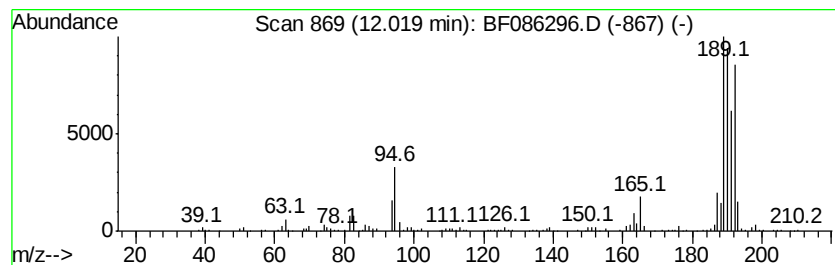
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.55 ng	444552	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



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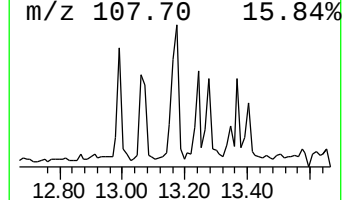
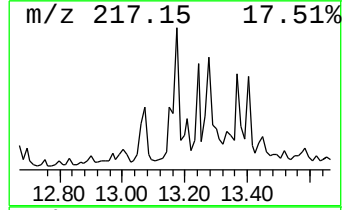
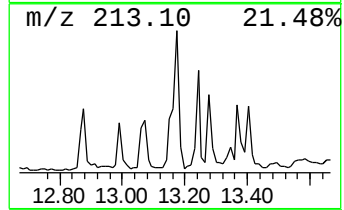
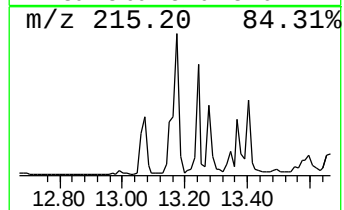
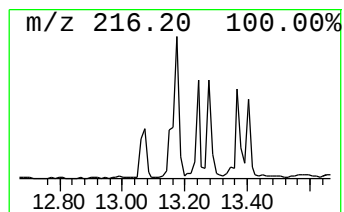
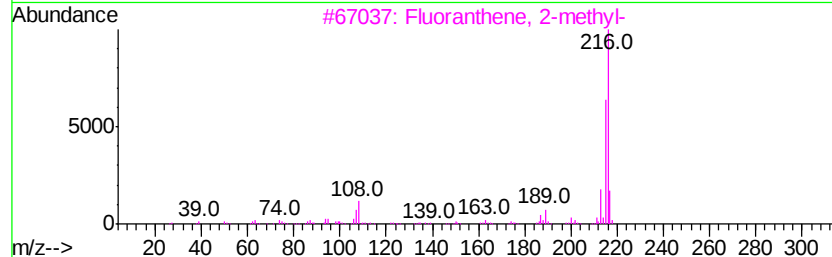
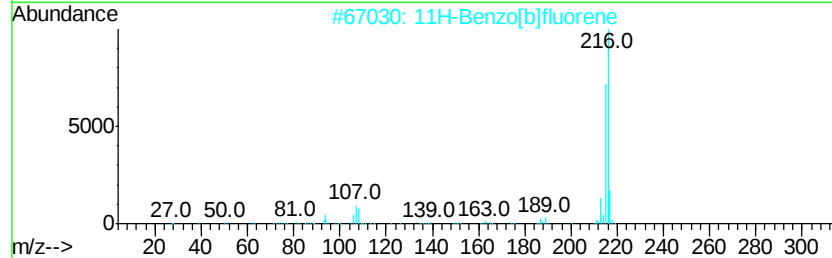
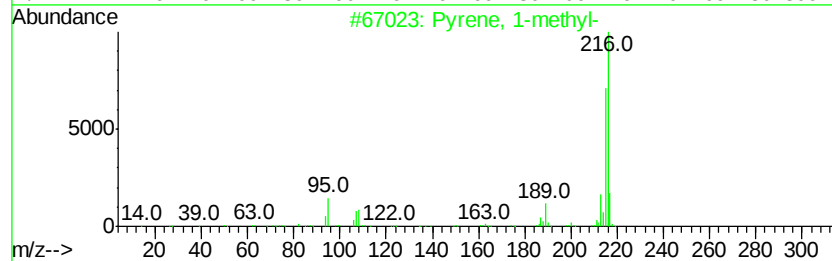
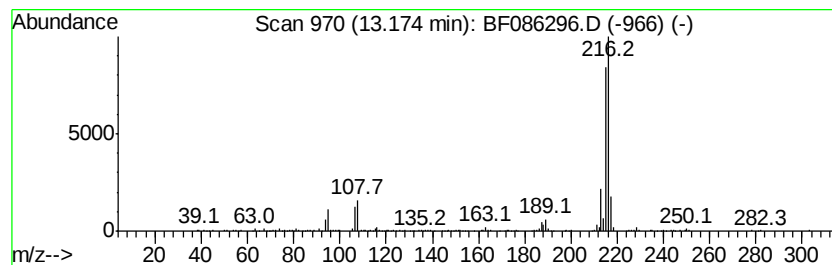
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.89 ng	381161	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



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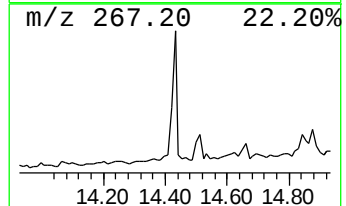
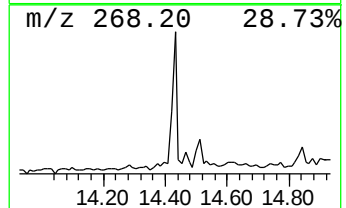
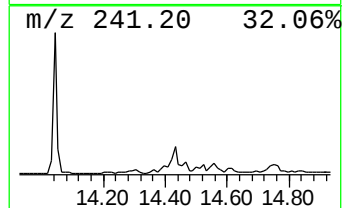
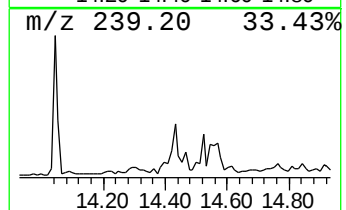
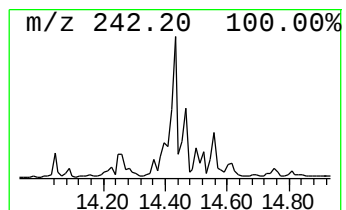
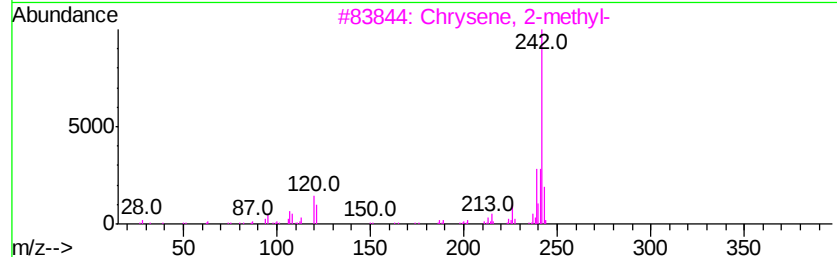
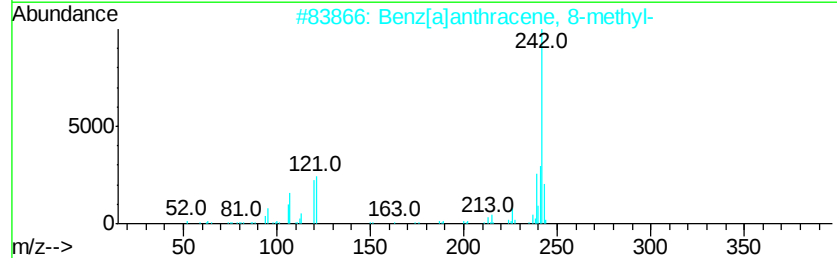
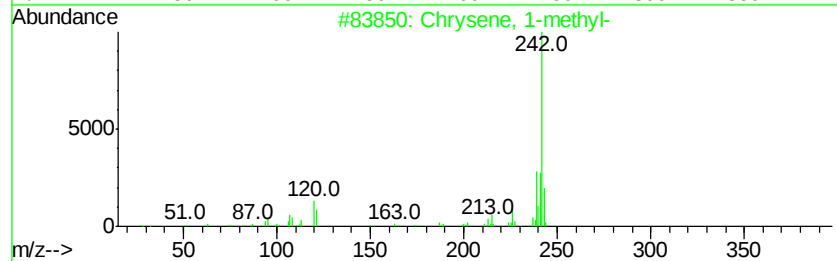
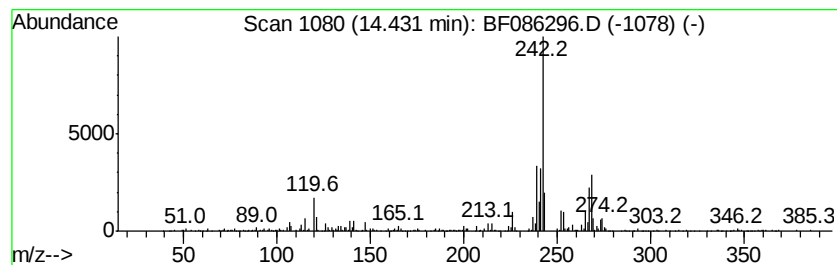
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Chrysene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.19 ng	289454	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Chrysene, 1-methyl-	242	C19H14	003351-28-8	78
2		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	78
3		Chrysene, 2-methyl-	242	C19H14	003351-32-4	78
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	60
5		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086296.D
Acq On : 18 Apr 2016 22:00
Operator : UM/SJ
Sample : H2413-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-C(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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
unknown6.65	6.65	16.7	ng	1519260	1	6.89	1818160	20.0
4H-Cyclopenta[def...	12.02	3.5	ng	444552	4	11.41	2504080	20.0
Pyrene, 1-methyl-	13.17	2.9	ng	381161	5	14.04	2638430	20.0
Chrysene, 1-methyl-	14.43	2.2	ng	289454	5	14.04	2638430	20.0