

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073020\
 Data File : BF121140.D
 Acq On : 30 Jul 2020 21:21
 Operator : JU/CG
 Sample : L3436-10 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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	5.404	561	564	580	rVB	473045	477777	32.33%	2.341%
2	5.622	597	601	607	rBV2	14745	17186	1.16%	0.084%
3	6.428	735	738	754	rBV	522789	527987	35.72%	2.587%
4	6.628	768	772	777	rBV3	21764	27127	1.84%	0.133%
5	6.798	797	801	804	rBV	937181	742916	50.27%	3.640%
6	7.057	842	845	852	rBV2	20820	26945	1.82%	0.132%
7	7.357	893	896	901	rBV	374047	301408	20.39%	1.477%
8	7.833	972	977	980	rBV4	14499	21509	1.46%	0.105%
9	8.081	1014	1019	1022	rBV	1242861	1033640	69.94%	5.064%
10	8.104	1022	1023	1026	rVV	121638	66117	4.47%	0.324%
11	8.139	1026	1029	1033	rVB3	15630	19357	1.31%	0.095%
12	8.504	1087	1091	1093	rBV	25556	24912	1.69%	0.122%
13	8.675	1117	1120	1124	rBV3	35566	35289	2.39%	0.173%
14	8.733	1124	1130	1133	rVV6	11356	27527	1.86%	0.135%
15	8.792	1138	1140	1143	rVB	72487	58490	3.96%	0.287%
16	8.892	1154	1157	1161	rVB2	57730	56067	3.79%	0.275%
17	9.104	1190	1193	1198	rBV3	39956	38348	2.59%	0.188%
18	9.157	1198	1202	1205	rBV	865683	671346	45.42%	3.289%
19	9.239	1213	1216	1218	rBV2	60174	59421	4.02%	0.291%
20	9.357	1233	1236	1239	rVB	22225	23643	1.60%	0.116%
21	9.427	1243	1248	1251	rBV	59329	78959	5.34%	0.387%
22	9.498	1257	1260	1262	rBV	87910	78481	5.31%	0.385%
23	9.522	1262	1264	1266	rVV	59310	45528	3.08%	0.223%
24	9.551	1266	1269	1273	rVV2	153472	177229	11.99%	0.868%
25	9.616	1277	1280	1285	rVB	54720	63984	4.33%	0.313%
26	9.698	1291	1294	1298	rBV	159452	137525	9.30%	0.674%
27	9.751	1300	1303	1304	rVV2	28962	27123	1.84%	0.133%
28	9.769	1304	1306	1309	rVV	52609	42507	2.88%	0.208%
29	9.839	1311	1318	1321	rBV	1395416	1170674	79.21%	5.736%
30	9.869	1321	1323	1327	rVV	159950	143395	9.70%	0.703%
31	9.904	1327	1329	1332	rVB4	23666	22381	1.51%	0.110%
32	9.945	1332	1336	1340	rVB2	38463	50944	3.45%	0.250%
33	9.998	1340	1345	1346	rBV4	24644	33891	2.29%	0.166%
34	10.039	1348	1352	1356	rVV	104531	113031	7.65%	0.554%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.080	1356	1359	1368	rVB3	65061	75405	5.10%	0.369%
36	10.157	1368	1372	1374	rBV2	67633	78099	5.28%	0.383%
37	10.180	1374	1376	1379	rVV	45088	39883	2.70%	0.195%
38	10.245	1383	1387	1389	rBV2	56143	67078	4.54%	0.329%
39	10.269	1389	1391	1393	rVV2	73902	57705	3.90%	0.283%
40	10.292	1393	1395	1398	rVV	30678	24433	1.65%	0.120%
41	10.333	1398	1402	1404	rVV3	27160	32397	2.19%	0.159%
42	10.386	1408	1411	1417	rVV2	148347	163255	11.05%	0.800%
43	10.451	1417	1422	1424	rVV2	46544	53729	3.64%	0.263%
44	10.469	1424	1425	1427	rVV2	30836	31524	2.13%	0.154%
45	10.492	1427	1429	1434	rVV2	70969	79857	5.40%	0.391%
46	10.545	1435	1438	1441	rVB2	47289	51941	3.51%	0.254%
47	10.627	1446	1452	1455	rVV	411208	402697	27.25%	1.973%
48	10.663	1455	1458	1464	rVB4	28019	48822	3.30%	0.239%
49	10.757	1469	1474	1480	rVB3	133297	204949	13.87%	1.004%
50	10.827	1480	1486	1487	rBV5	44319	65975	4.46%	0.323%
51	10.933	1500	1504	1506	rBV2	72436	80464	5.44%	0.394%
52	10.963	1506	1509	1511	rVB2	51829	44729	3.03%	0.219%
53	11.016	1516	1518	1522	rVB3	38041	38728	2.62%	0.190%
54	11.086	1528	1530	1535	rVB2	39459	36263	2.45%	0.178%
55	11.127	1535	1537	1541	rVV3	37080	36197	2.45%	0.177%
56	11.192	1545	1548	1550	rVV	68899	80219	5.43%	0.393%
57	11.221	1550	1553	1558	rVB	141746	136047	9.20%	0.667%
58	11.327	1567	1571	1573	rBV	1192749	1090404	73.78%	5.342%
59	11.351	1573	1575	1578	rVV	812076	605310	40.95%	2.966%
60	11.398	1581	1583	1586	rVB	251680	225279	15.24%	1.104%
61	11.433	1586	1589	1592	rBV2	51609	60957	4.12%	0.299%
62	11.557	1608	1610	1616	rBV	61861	70802	4.79%	0.347%
63	11.621	1618	1621	1623	rVB	100644	71612	4.85%	0.351%
64	11.657	1624	1627	1633	rVB2	65700	72376	4.90%	0.355%
65	11.721	1635	1638	1639	rBV	36187	32270	2.18%	0.158%
66	11.827	1653	1656	1659	rBV	175305	167084	11.30%	0.819%
67	11.857	1659	1661	1664	rVB	230783	171470	11.60%	0.840%
68	11.904	1666	1669	1672	rVV	94623	88439	5.98%	0.433%
69	11.939	1672	1675	1678	rVV	310621	344962	23.34%	1.690%
70	11.963	1678	1679	1684	rVB	152289	88508	5.99%	0.434%
71	12.027	1688	1690	1693	rVV2	75077	62660	4.24%	0.307%

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72	12.063	1694	1696	1698	rVB2	41809	30718	2.08%	0.151%
73	12.121	1703	1706	1709	rBV	113367	111312	7.53%	0.545%
74	12.257	1726	1729	1730	rBV	41660	38640	2.61%	0.189%
75	12.274	1730	1732	1734	rVB	50128	37585	2.54%	0.184%
76	12.304	1734	1737	1739	rBV	106748	94513	6.39%	0.463%
77	12.380	1746	1750	1752	rBV	145778	161878	10.95%	0.793%
78	12.421	1752	1757	1762	rVV4	213578	399041	27.00%	1.955%
79	12.463	1762	1764	1769	rVV2	92097	101190	6.85%	0.496%
80	12.539	1774	1777	1781	rVV	1183606	1053804	71.30%	5.163%
81	12.633	1791	1793	1796	rBV	66185	56035	3.79%	0.275%
82	12.692	1801	1803	1806	rVV3	58852	65890	4.46%	0.323%
83	12.768	1810	1816	1823	rBV	1197924	1344063	90.94%	6.585%
84	12.910	1837	1840	1848	rVB	718039	691739	46.80%	3.389%
85	12.986	1850	1853	1857	rBV2	98991	150114	10.16%	0.735%
86	13.098	1869	1872	1875	rVB	221784	215687	14.59%	1.057%
87	13.145	1878	1880	1881	rVV	73339	56943	3.85%	0.279%
88	13.163	1881	1883	1886	rVB	151837	125914	8.52%	0.617%
89	13.204	1887	1890	1892	rVV2	124630	110029	7.44%	0.539%
90	13.292	1903	1905	1908	rVB	83112	68690	4.65%	0.337%
91	13.327	1908	1911	1914	rBV	96895	105054	7.11%	0.515%
92	13.386	1918	1921	1925	rVV	243067	212330	14.37%	1.040%
93	13.968	2015	2020	2023	rBV2	1132126	1477990	100.00%	7.241%
94	13.998	2023	2025	2027	rVB	462924	365837	24.75%	1.792%
95	15.004	2193	2196	2199	rBV	396226	557183	37.70%	2.730%
96	15.362	2254	2257	2263	rBV	336482	426055	28.83%	2.087%
97	15.427	2264	2268	2271	rBV	644789	826601	55.93%	4.050%

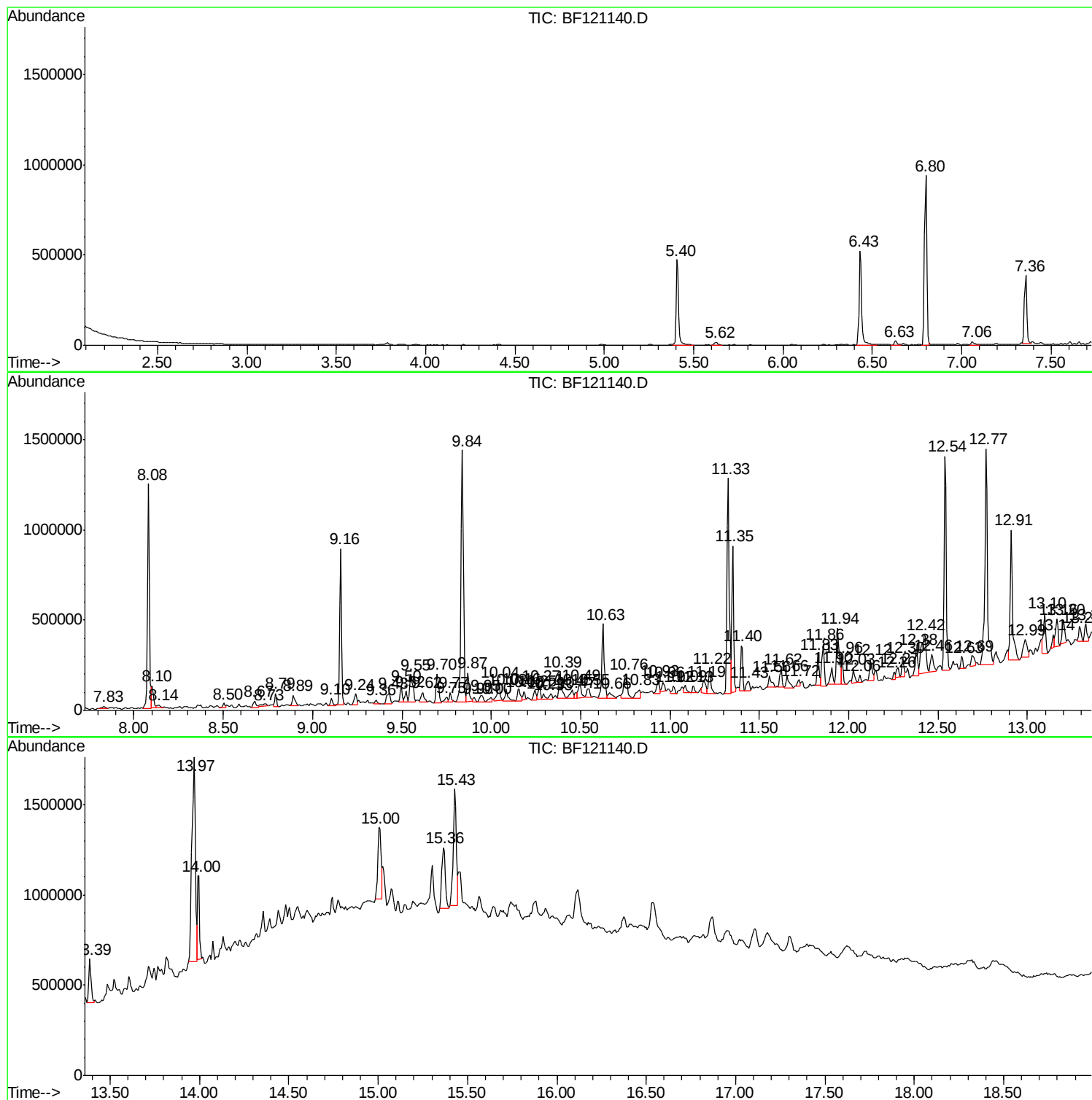
Sum of corrected areas: 20410028

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ClientSampled :
10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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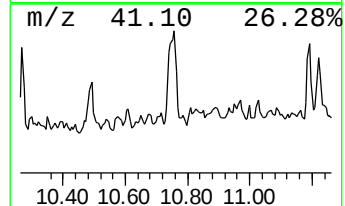
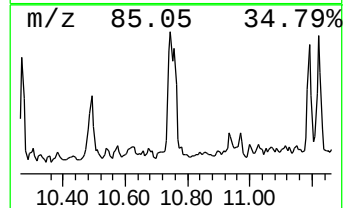
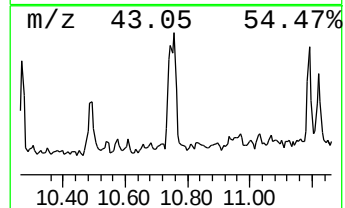
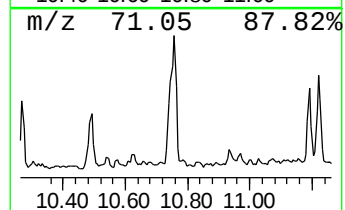
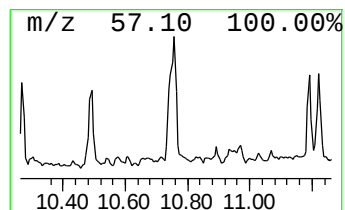
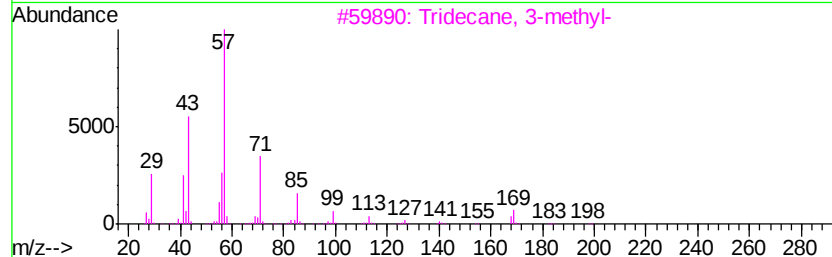
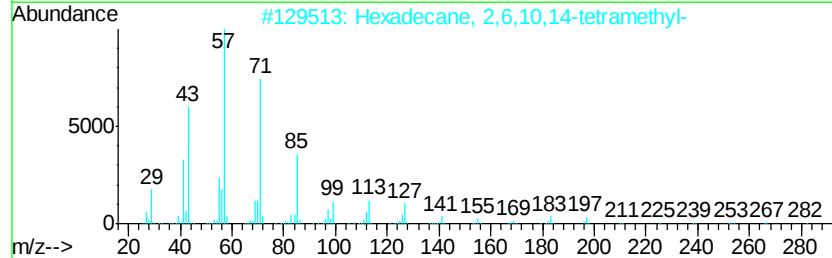
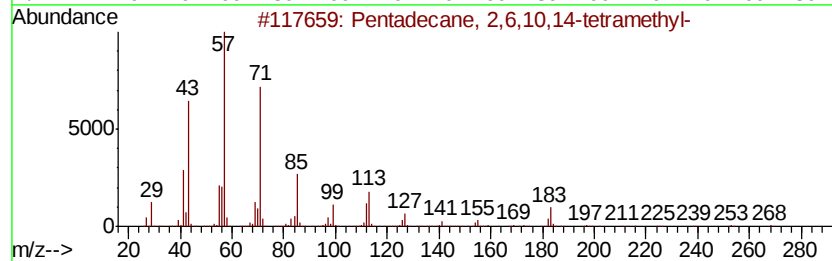
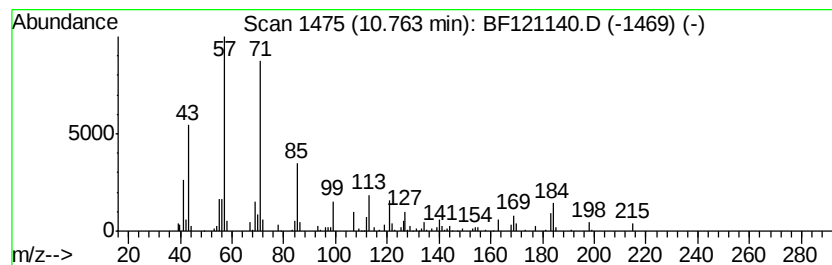
Instrument :
BNA_F
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10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	3.76 ng	204949	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	62
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49



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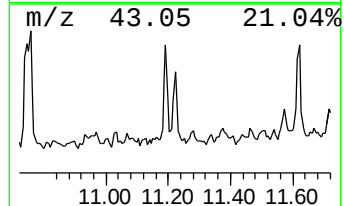
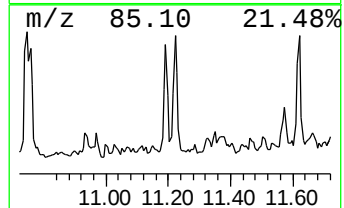
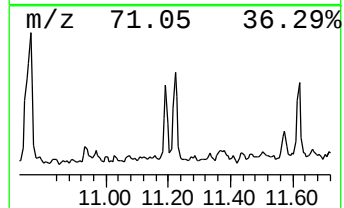
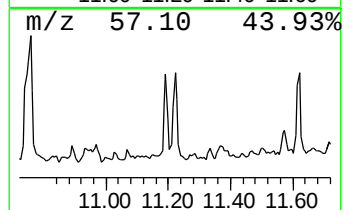
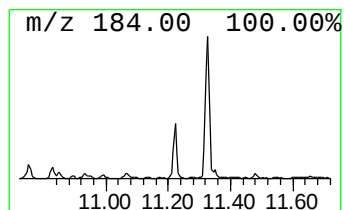
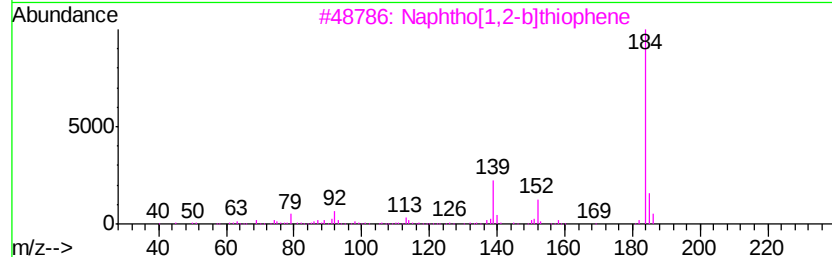
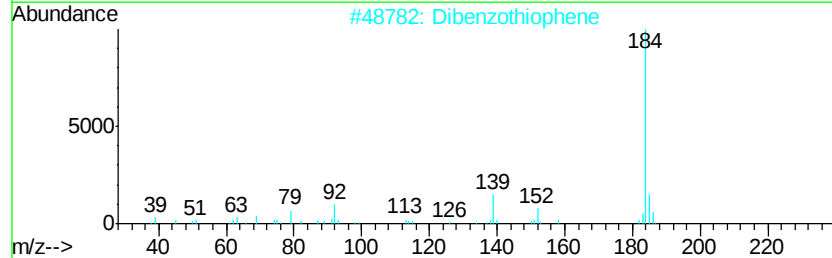
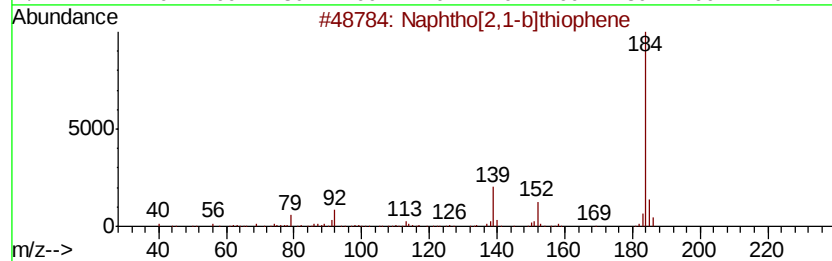
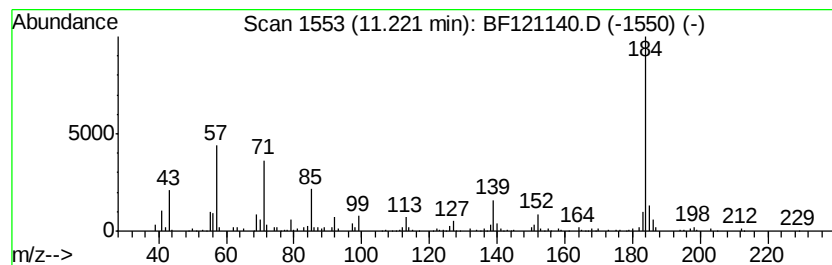
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.50 ng	136047	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	92
2		Dibenzothiophene	184	C12H8S	000132-65-0	86
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64



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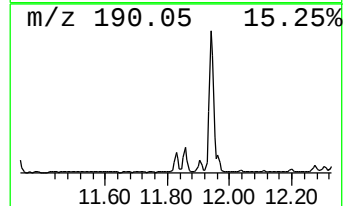
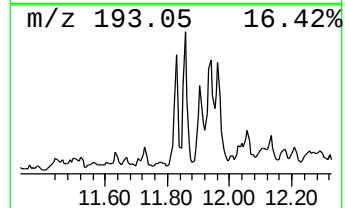
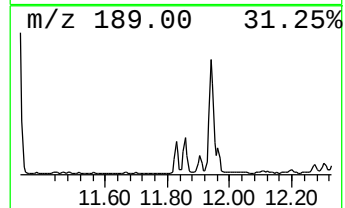
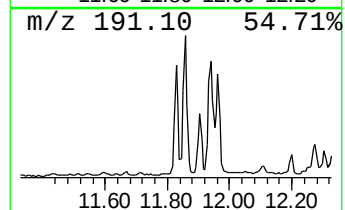
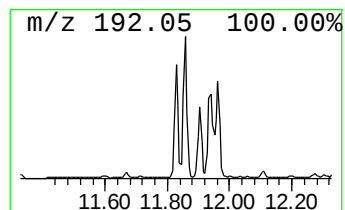
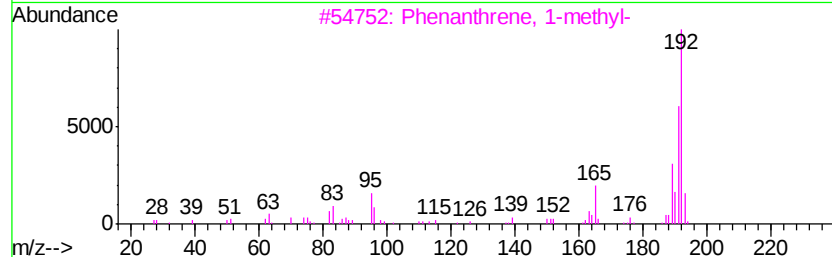
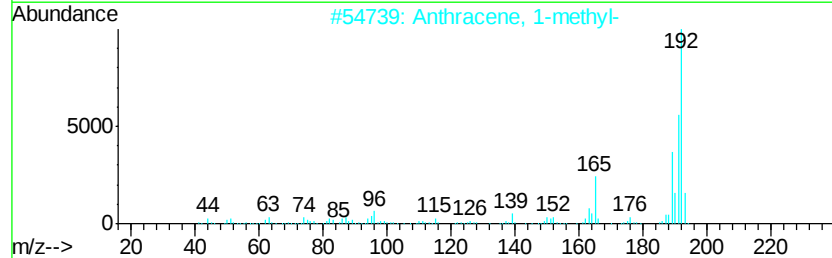
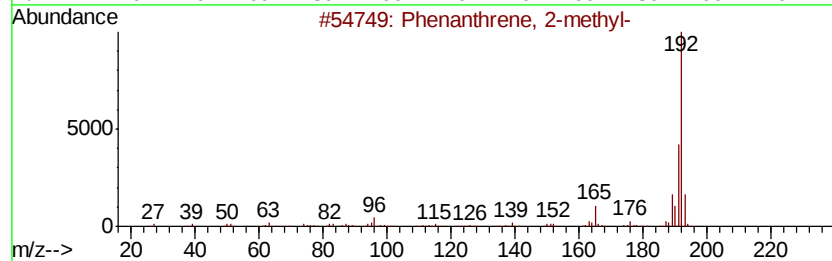
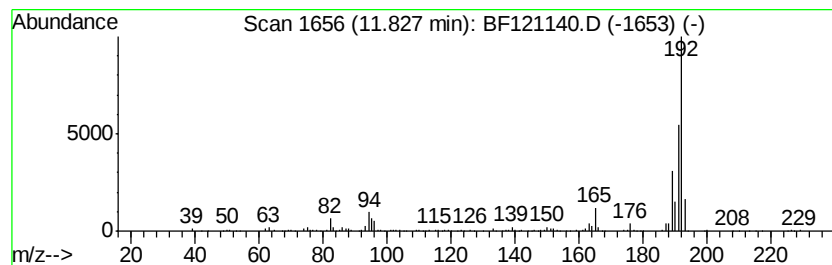
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.06 ng	167084	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
Operator : JU/CG
Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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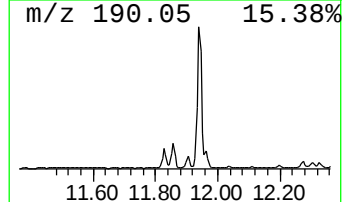
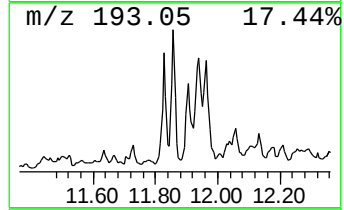
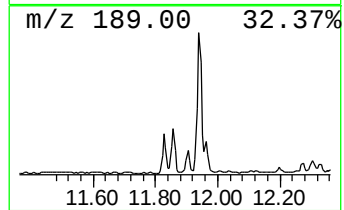
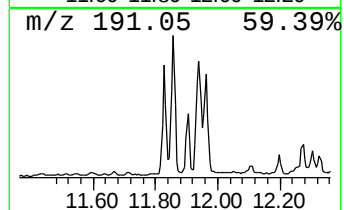
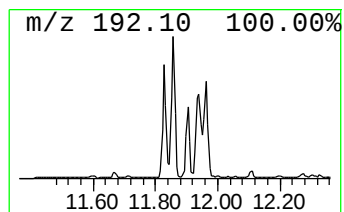
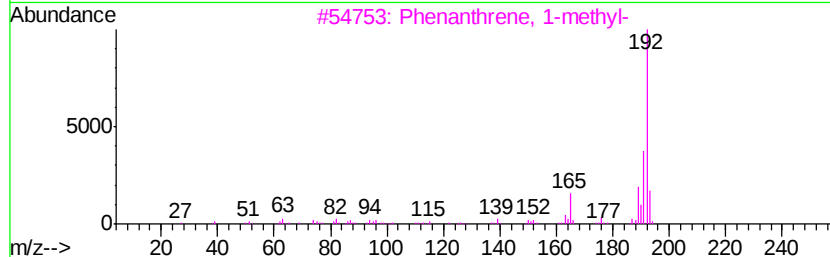
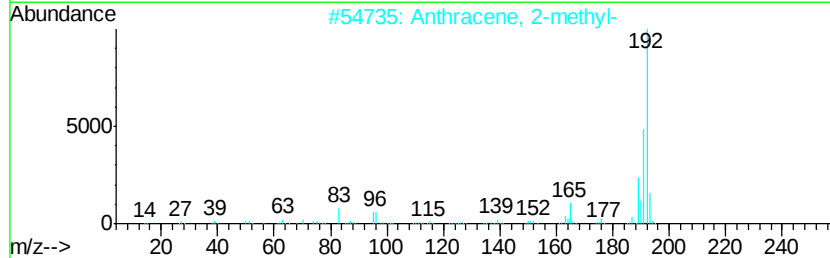
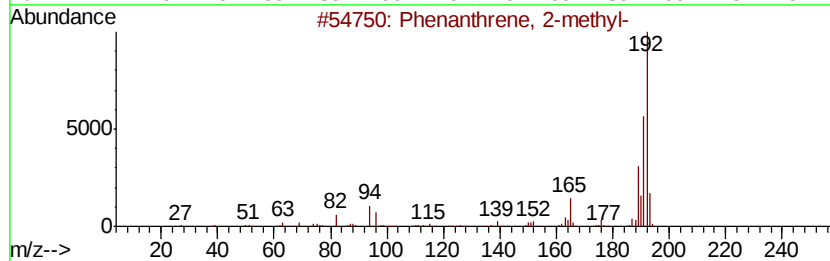
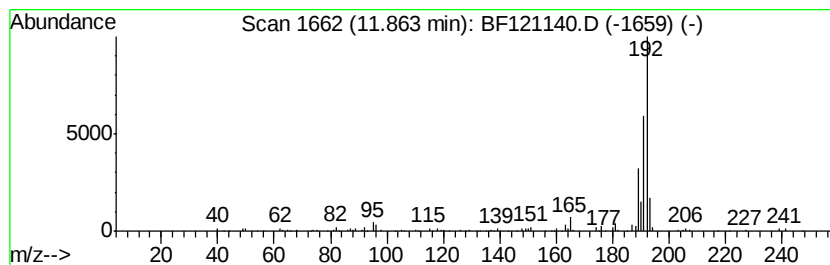
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.15 ng	171470	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
Operator : JU/CG
Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

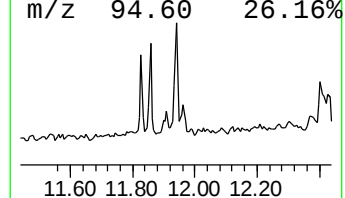
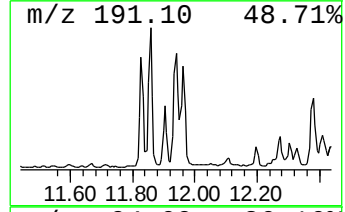
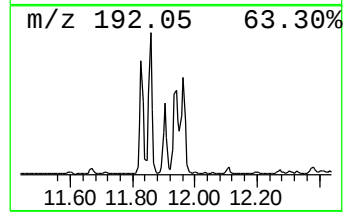
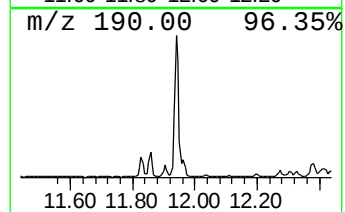
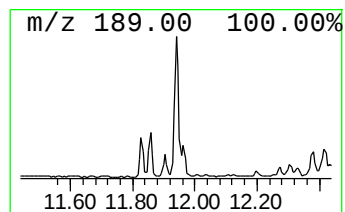
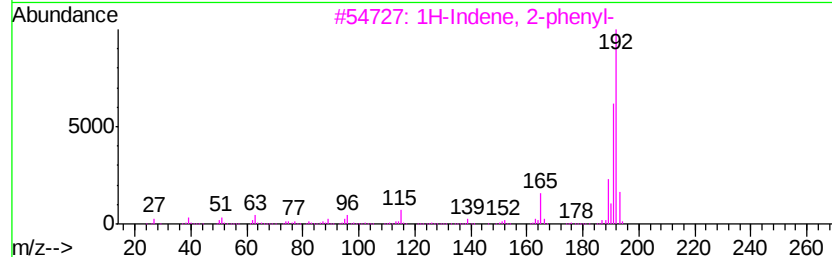
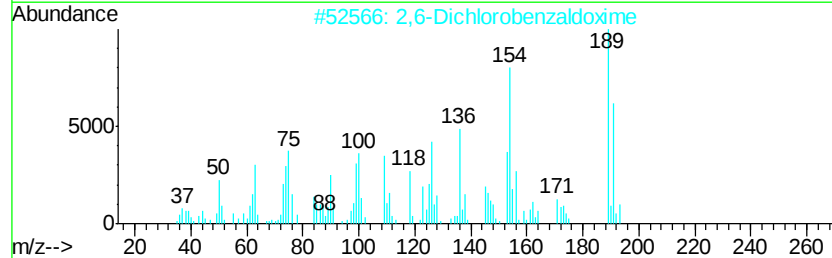
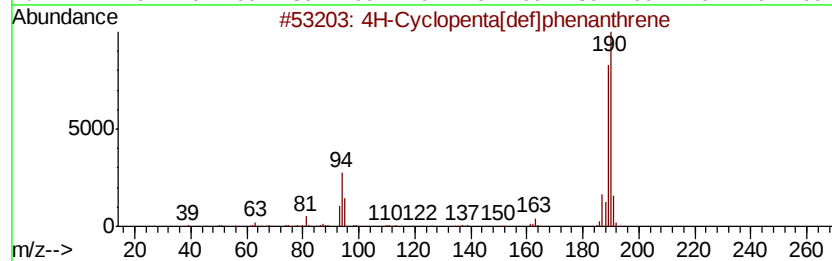
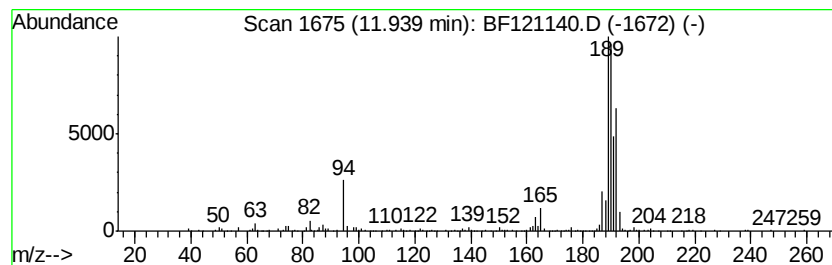
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	6.33 ng	344962	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
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Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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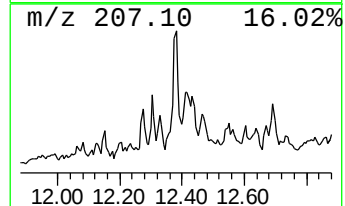
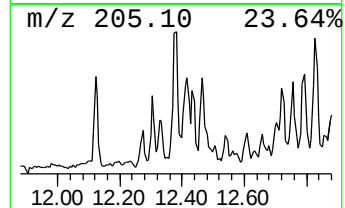
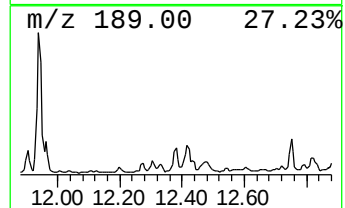
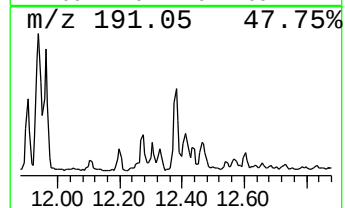
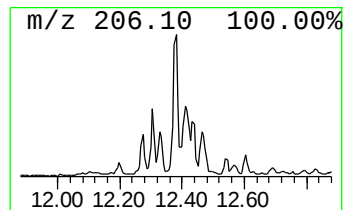
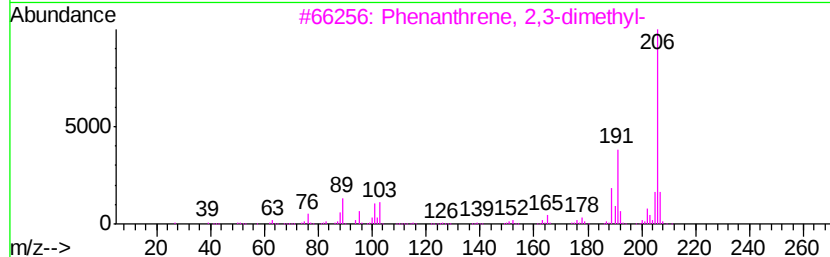
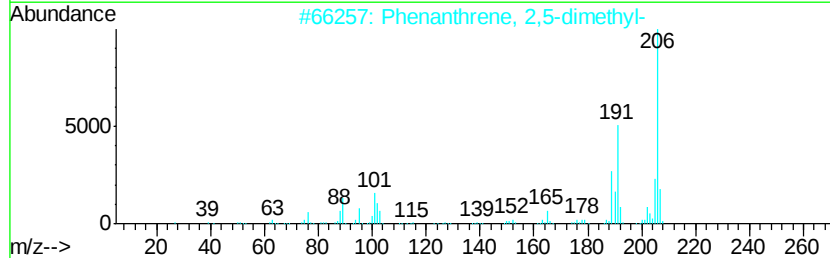
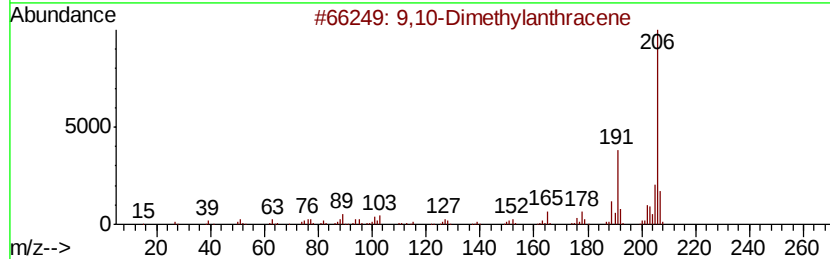
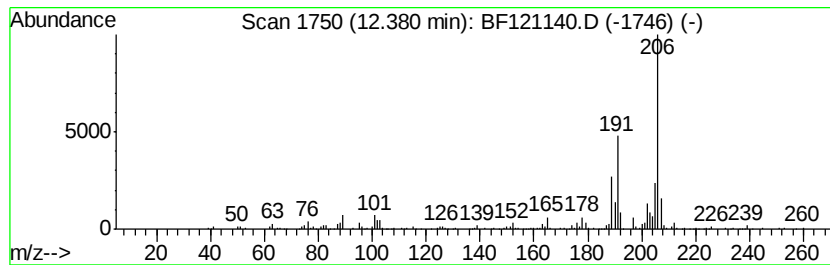
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.97 ng	161878	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
Operator : JU/CG
Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

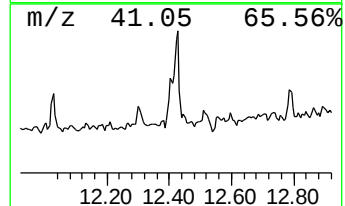
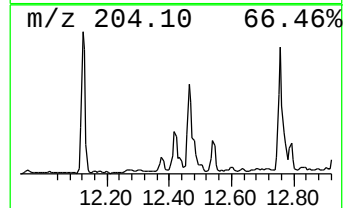
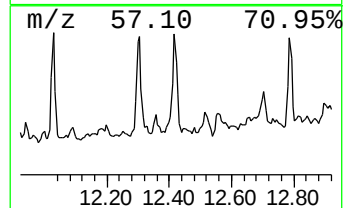
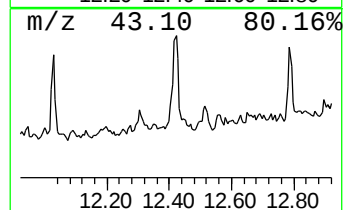
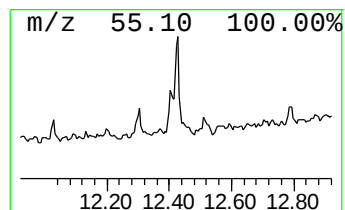
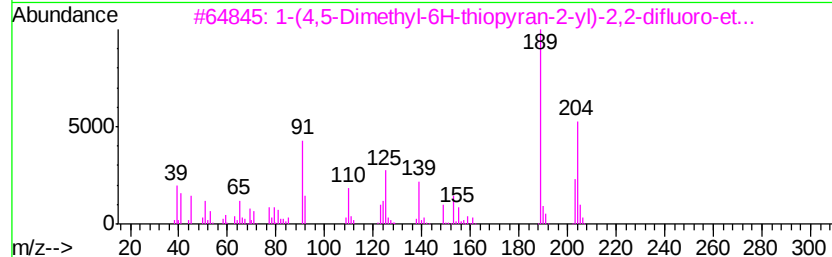
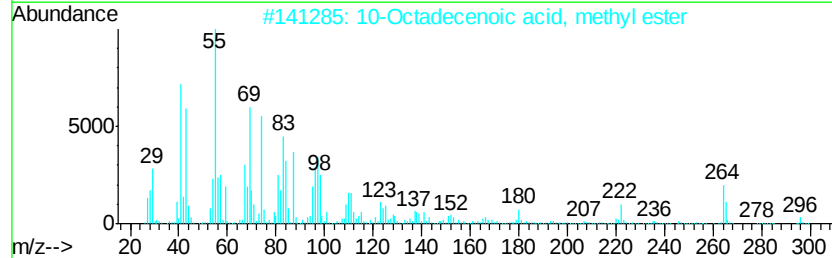
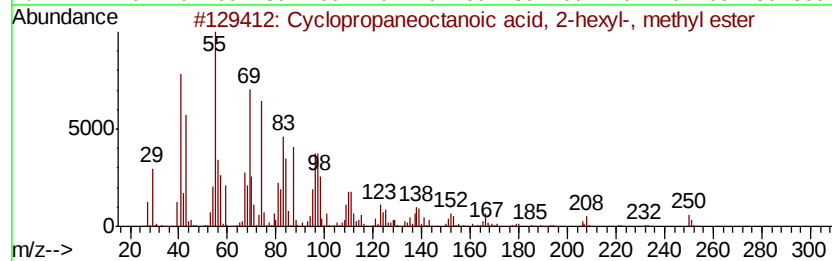
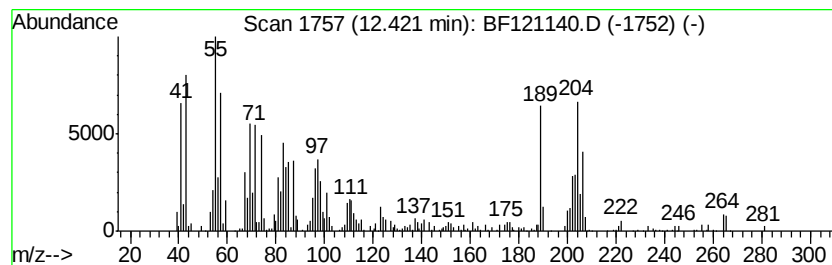
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.42	7.32 ng	399041	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	35
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	35
3		1-(4,5-Dimethyl-6H-thiopyran-2-v...	204	C9H10F2OS	1000318-25-0	30
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
5		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
Operator : JU/CG
Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

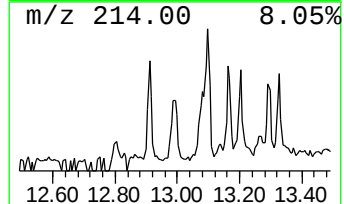
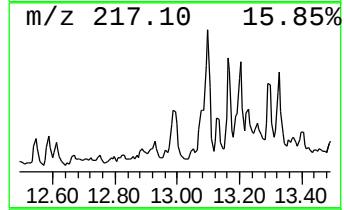
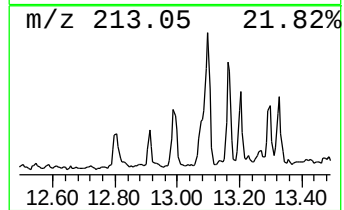
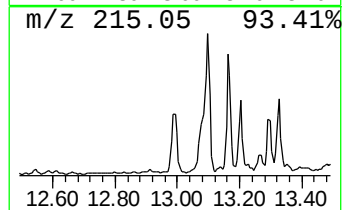
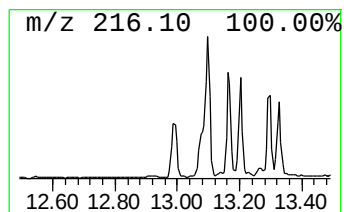
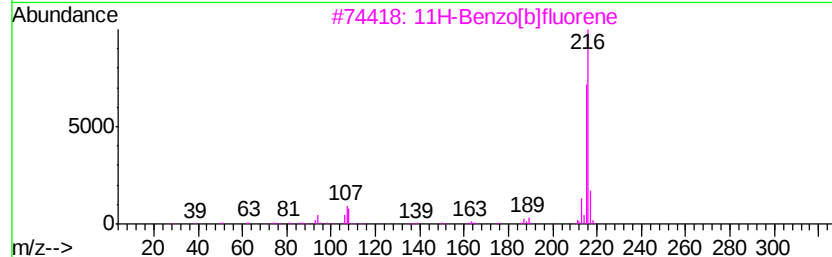
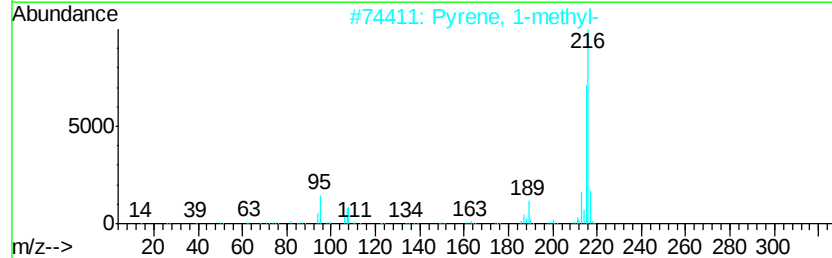
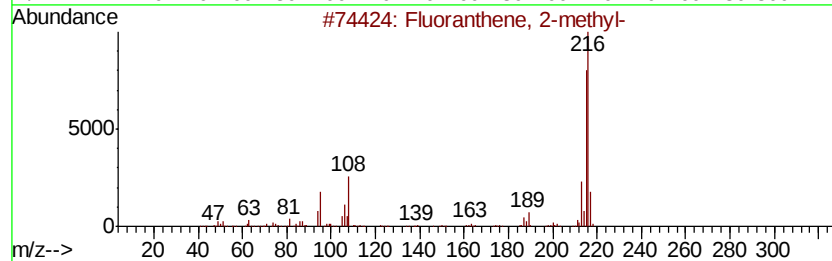
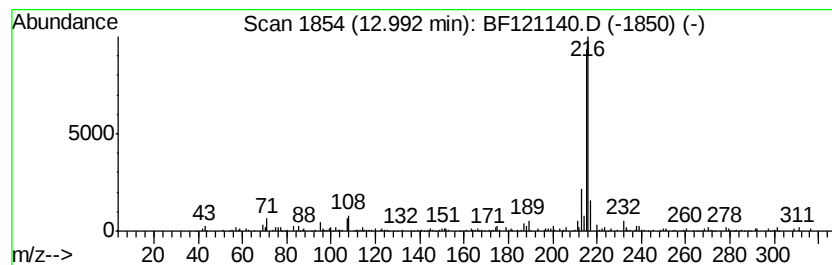
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.03 ng	150114	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 81
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 74
4		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121140.D
Acq On : 30 Jul 2020 21:21
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Sample : L3436-10 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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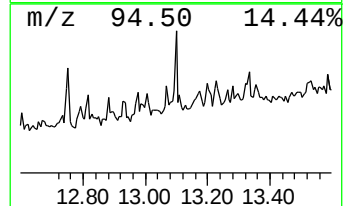
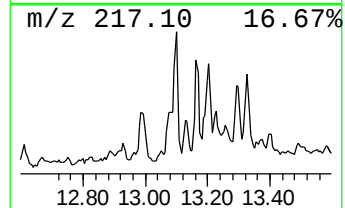
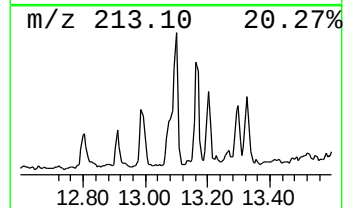
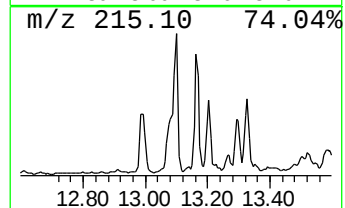
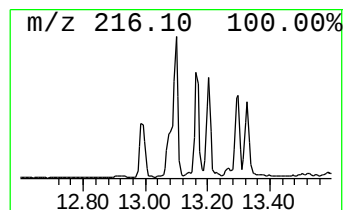
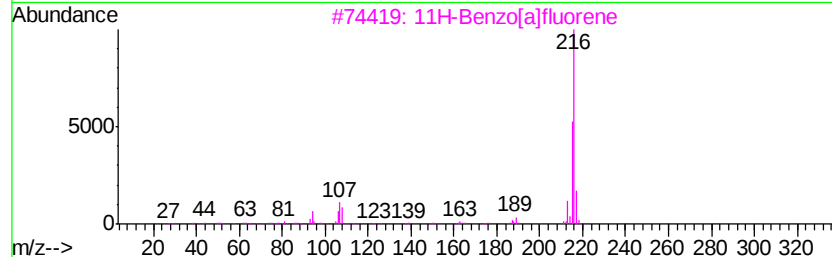
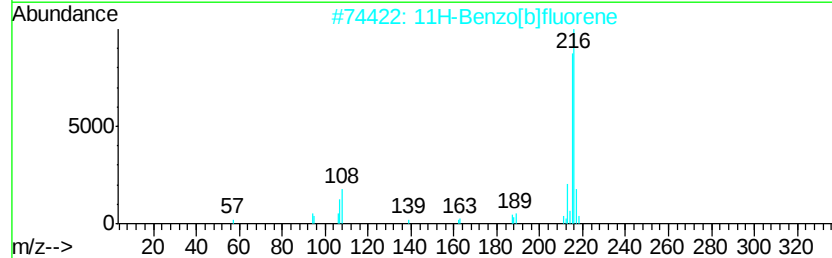
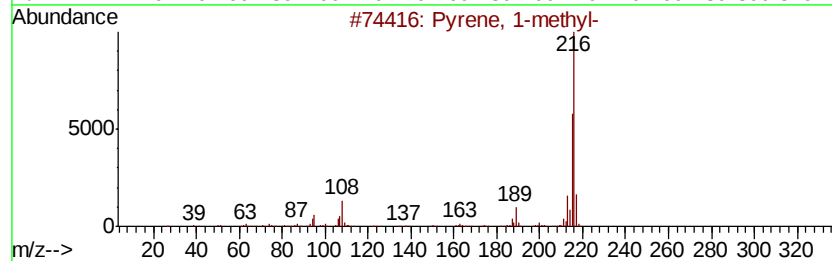
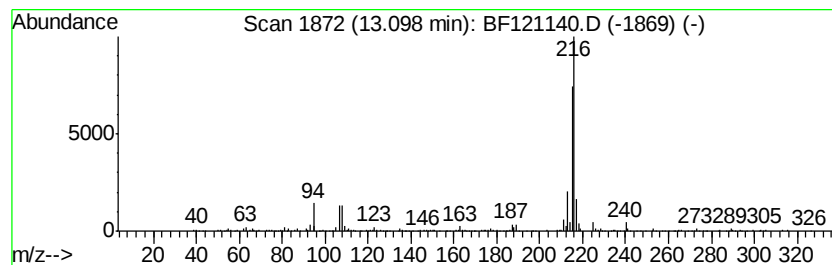
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.92 ng	215687	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073020\
 Data File : BF121140.D
 Acq On : 30 Jul 2020 21:21
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecane, 2,6,...	10.76	3.8	ng	204949	4	11.33	1090400	20.0
Naphtho[2,1-b]thi...	11.22	2.5	ng	136047	4	11.33	1090400	20.0
Phenanthrene, 2-m...	11.83	3.1	ng	167084	4	11.33	1090400	20.0
Anthracene, 2-met...	11.86	3.1	ng	171470	4	11.33	1090400	20.0
4H-Cyclopenta[def...	11.94	6.3	ng	344962	4	11.33	1090400	20.0
Naphthalene, 2-ph...	12.12	2.0	ng	111312	4	11.33	1090400	20.0
9,10-Dimethylanthe...	12.38	3.0	ng	161878	4	11.33	1090400	20.0
unknown12.42	12.42	7.3	ng	399041	4	11.33	1090400	20.0
Fluoranthene, 2-m...	12.99	2.0	ng	150114	5	13.97	1477990	20.0
Pyrene, 1-methyl-	13.10	2.9	ng	215687	5	13.97	1477990	20.0