

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
 Data File : BF115381.D
 Acq On : 3 Jul 2019 00:53
 Operator : HP/JU
 Sample : K3634-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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	5.201	550	555	579	rVB	2966969	3070243	35.71%	2.350%
2	6.248	728	733	736	rBV	3192353	3186516	37.06%	2.439%
3	6.372	750	754	758	rBV	3581159	3380390	39.32%	2.587%
4	6.607	790	794	797	rBV	1340428	1199515	13.95%	0.918%
5	6.760	816	820	824	rBV	3012513	2607633	30.33%	1.996%
6	7.166	884	889	892	rBV	2138486	2049566	23.84%	1.569%
7	7.889	1008	1012	1014	rBV	1731447	1533029	17.83%	1.173%
8	7.907	1014	1015	1019	rVB	462378	317550	3.69%	0.243%
9	8.601	1130	1133	1138	rVB	231683	190269	2.21%	0.146%
10	8.966	1191	1195	1198	rBV	4243112	3670571	42.69%	2.810%
11	9.301	1248	1252	1254	rVV	241454	225827	2.63%	0.173%
12	9.360	1259	1262	1268	rVV	627303	599177	6.97%	0.459%
13	9.495	1282	1285	1291	rBV	380250	338351	3.94%	0.259%
14	9.636	1304	1309	1312	rBV	2070877	1856514	21.59%	1.421%
15	9.666	1312	1314	1318	rVV	740951	717680	8.35%	0.549%
16	9.842	1340	1344	1348	rVV	657810	630005	7.33%	0.482%
17	10.183	1398	1402	1405	rBV	1257661	1125569	13.09%	0.862%
18	10.342	1426	1429	1434	rVB	369792	357256	4.16%	0.273%
19	10.424	1438	1443	1447	rVV2	2367344	2581017	30.02%	1.976%
20	10.554	1456	1465	1472	rVV5	100210	228141	2.65%	0.175%
21	10.730	1488	1495	1497	rBV3	321529	433089	5.04%	0.331%
22	10.754	1497	1499	1503	rVV2	245114	244396	2.84%	0.187%
23	10.860	1512	1517	1519	rBV2	202451	275356	3.20%	0.211%
24	10.919	1525	1527	1532	rVB	471689	421803	4.91%	0.323%
25	10.971	1532	1536	1539	rBV2	274155	327317	3.81%	0.251%
26	11.007	1539	1542	1546	rVB	646460	573315	6.67%	0.439%
27	11.119	1556	1561	1562	rBV	1524584	1671269	19.44%	1.279%
28	11.148	1562	1566	1569	rVV	6850239	7869650	91.53%	6.024%
29	11.195	1569	1574	1576	rVV	2671927	2422004	28.17%	1.854%
30	11.224	1576	1579	1583	rVV2	243806	247496	2.88%	0.189%
31	11.342	1593	1599	1602	rBV2	908344	1002953	11.67%	0.768%
32	11.413	1608	1611	1613	rVV	220311	183854	2.14%	0.141%
33	11.442	1613	1616	1620	rVB4	254793	285710	3.32%	0.219%
34	11.618	1640	1646	1648	rBV	1389191	1306529	15.20%	1.000%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.642	1648	1650	1653	rVV	1778812	1611409	18.74%	1.233%
36	11.671	1653	1655	1656	rVV	525789	431667	5.02%	0.330%
37	11.689	1656	1658	1661	rVV	773370	679689	7.91%	0.520%
38	11.724	1661	1664	1667	rVV	2049845	2265247	26.35%	1.734%
39	11.748	1667	1668	1673	rVB	1006474	659550	7.67%	0.505%
40	11.913	1693	1696	1698	rVV	936291	860574	10.01%	0.659%
41	11.930	1698	1699	1703	rVB2	557537	459649	5.35%	0.352%
42	12.060	1716	1721	1724	rBV2	347067	396277	4.61%	0.303%
43	12.089	1724	1726	1728	rBV	274871	221885	2.58%	0.170%
44	12.113	1728	1730	1733	rVB	241379	210896	2.45%	0.161%
45	12.166	1735	1739	1742	rBV	716543	817282	9.51%	0.626%
46	12.201	1742	1745	1747	rVV	406843	440300	5.12%	0.337%
47	12.248	1751	1753	1758	rVB3	508888	639922	7.44%	0.490%
48	12.336	1762	1768	1771	rBV	6652273	8101626	94.23%	6.201%
49	12.377	1771	1775	1779	rBV3	286563	396960	4.62%	0.304%
50	12.413	1779	1781	1784	rVB	214675	193678	2.25%	0.148%
51	12.466	1784	1790	1793	rBV3	477907	808058	9.40%	0.619%
52	12.560	1800	1806	1811	rBV2	5964930	8597453	100.00%	6.581%
53	12.601	1811	1813	1819	rVB2	524019	586233	6.82%	0.449%
54	12.671	1821	1825	1827	rBV	614450	544251	6.33%	0.417%
55	12.701	1827	1830	1836	rVB2	3631026	3488997	40.58%	2.671%
56	12.771	1836	1842	1845	rBV2	664446	1102786	12.83%	0.844%
57	12.795	1845	1846	1849	rVB	261508	184147	2.14%	0.141%
58	12.854	1853	1856	1858	rVV2	529942	631176	7.34%	0.483%
59	12.877	1858	1860	1863	rVB	1486784	1416027	16.47%	1.084%
60	12.948	1868	1872	1874	rBV	1338690	1183902	13.77%	0.906%
61	12.983	1874	1878	1880	rVV	1061494	1069506	12.44%	0.819%
62	13.007	1880	1882	1885	rVB2	214516	233263	2.71%	0.179%
63	13.071	1890	1893	1896	rBV	528708	464991	5.41%	0.356%
64	13.101	1896	1898	1905	rBV2	554025	510402	5.94%	0.391%
65	13.265	1922	1926	1927	rBV3	134613	181225	2.11%	0.139%
66	13.301	1927	1932	1935	rVV3	327103	525139	6.11%	0.402%
67	13.383	1939	1946	1951	rVV2	733509	1097814	12.77%	0.840%
68	13.489	1961	1964	1967	rBV2	830468	945911	11.00%	0.724%
69	13.524	1967	1970	1972	rVV	837968	865781	10.07%	0.663%
70	13.542	1972	1973	1975	rVV	674075	625039	7.27%	0.478%
71	13.589	1979	1981	1985	rVB	676850	628775	7.31%	0.481%

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72	13.642	1985	1990	1991	rBV2	145270	219256	2.55%	0.168%
73	13.660	1991	1993	1996	rVV	194115	245841	2.86%	0.188%
74	13.742	2000	2007	2010	rVV2	4407409	6839628	79.55%	5.235%
75	13.777	2010	2013	2018	rVB	4067489	4460381	51.88%	3.414%
76	13.848	2023	2025	2029	rVV	719246	792799	9.22%	0.607%
77	13.883	2029	2031	2034	rVV	440836	506713	5.89%	0.388%
78	13.930	2036	2039	2041	rVV2	641648	708212	8.24%	0.542%
79	13.971	2041	2046	2049	rVV2	429381	806019	9.38%	0.617%
80	14.095	2065	2067	2069	rBV	322507	254250	2.96%	0.195%
81	14.130	2069	2073	2076	rVV	889681	955253	11.11%	0.731%
82	14.165	2076	2079	2083	rVB	534608	484186	5.63%	0.371%
83	14.224	2086	2089	2091	rVV2	474867	461936	5.37%	0.354%
84	14.254	2091	2094	2096	rVV3	511993	551316	6.41%	0.422%
85	14.271	2096	2097	2101	rVV4	485834	447988	5.21%	0.343%
86	14.330	2105	2107	2112	rVB3	304930	308231	3.59%	0.236%
87	14.430	2121	2124	2127	rBV3	227555	326653	3.80%	0.250%
88	14.542	2140	2143	2147	rVB2	222582	231189	2.69%	0.177%
89	14.601	2151	2153	2156	rVB2	225414	228810	2.66%	0.175%
90	14.748	2173	2178	2181	rBV	2821913	4515066	52.52%	3.456%
91	14.836	2191	2193	2197	rVB	739322	746337	8.68%	0.571%
92	15.012	2219	2223	2228	rVB	1697321	2071069	24.09%	1.585%
93	15.071	2228	2233	2237	rBV	2412822	2749567	31.98%	2.105%
94	15.118	2238	2241	2244	rVV	820014	1013088	11.78%	0.775%
95	15.148	2244	2246	2256	rVB2	800732	928144	10.80%	0.710%
96	16.406	2454	2460	2467	rVB2	973659	1792458	20.85%	1.372%
97	16.789	2519	2525	2534	rVB	703833	1332957	15.50%	1.020%
98	16.989	2556	2559	2564	rVB	220838	342934	3.99%	0.262%
99	18.289	2775	2780	2790	rVB5	190059	469747	5.46%	0.360%
100	18.747	2846	2858	2872	rVB3	1452872	4648792	54.07%	3.558%

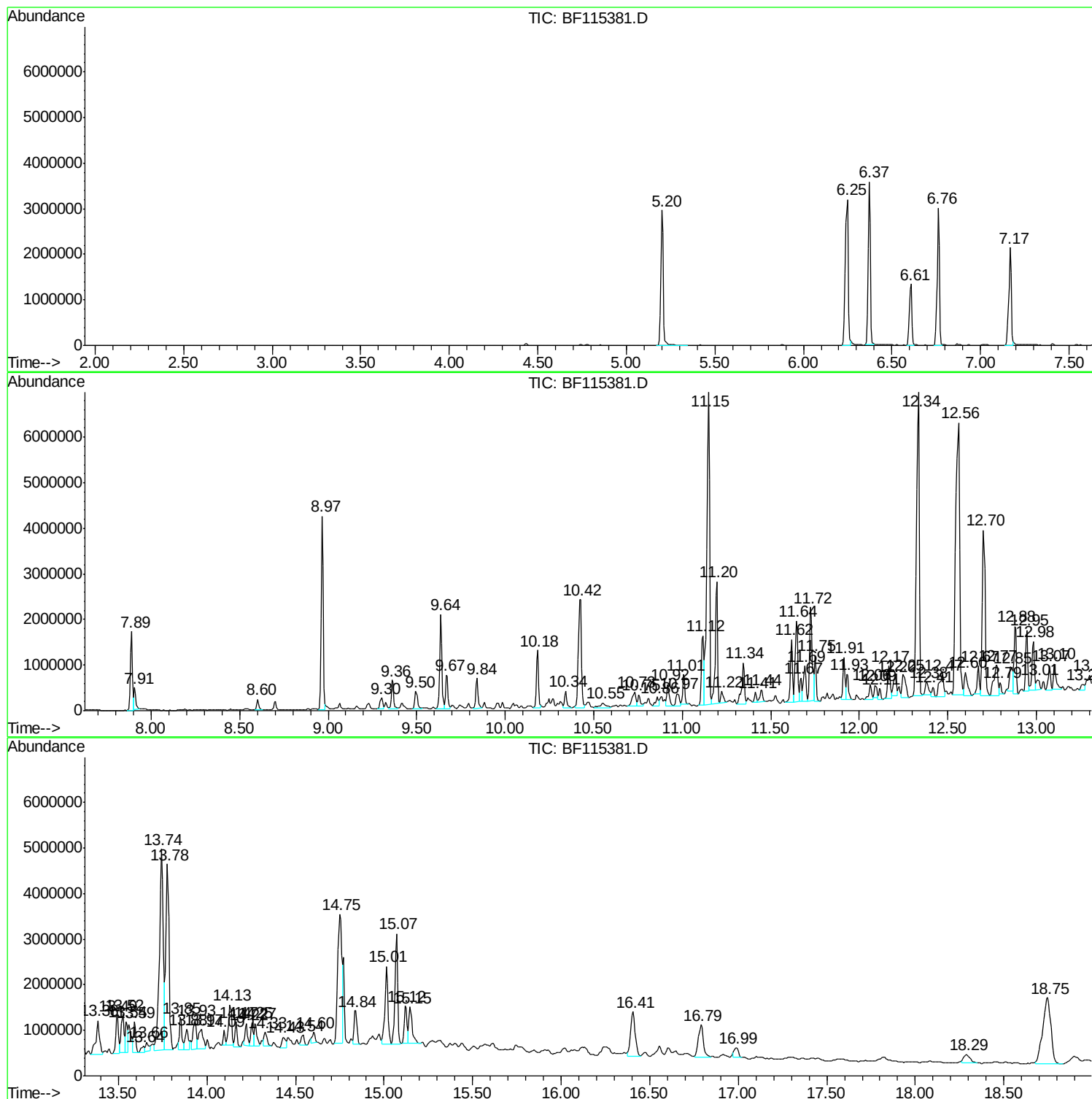
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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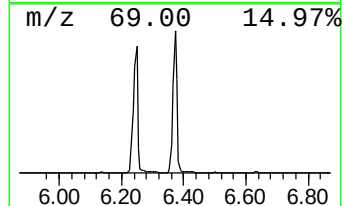
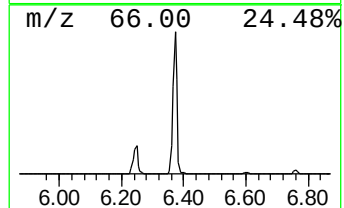
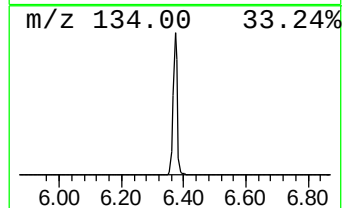
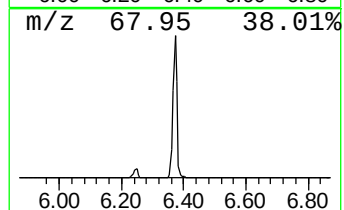
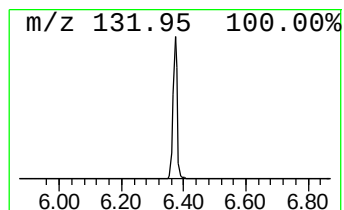
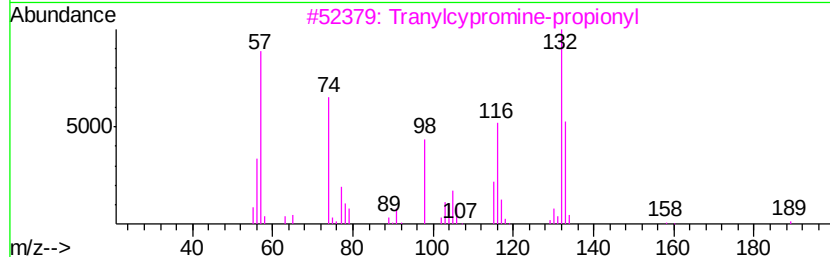
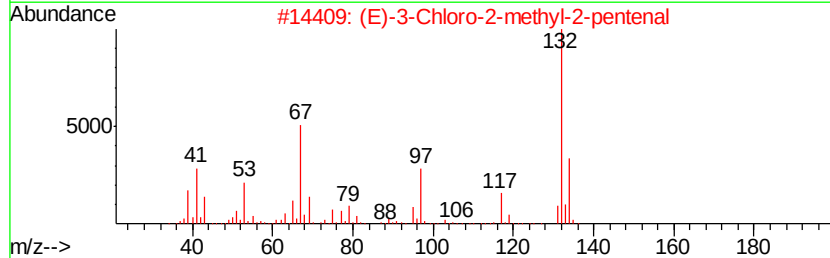
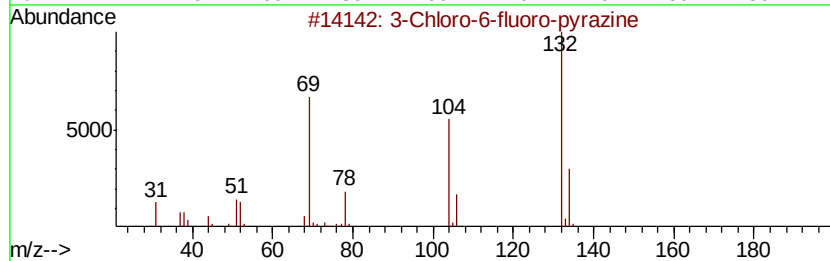
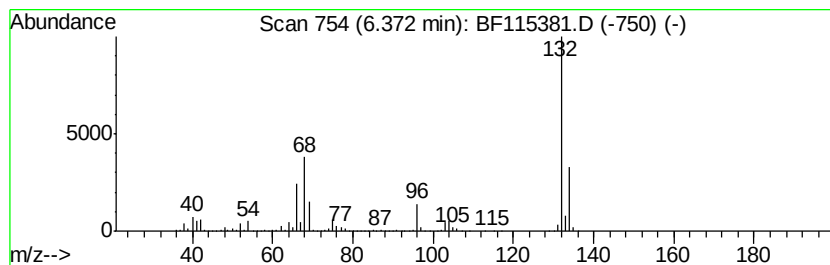
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	56.36 ng	3380390	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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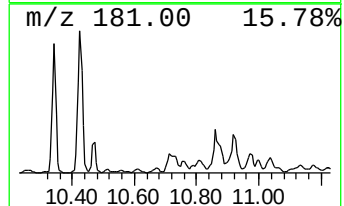
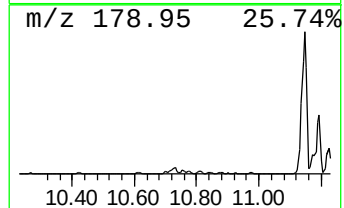
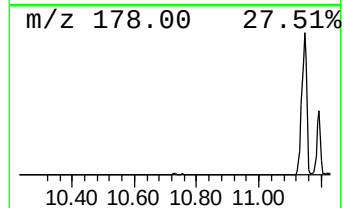
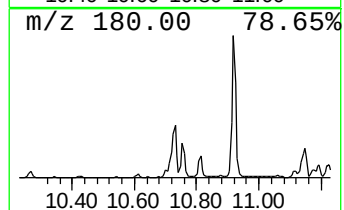
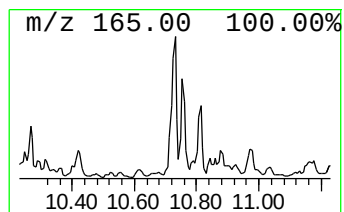
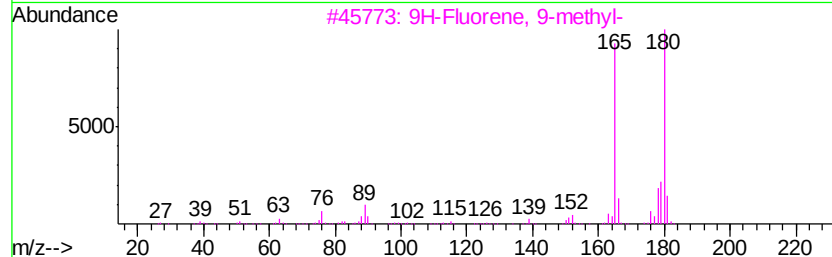
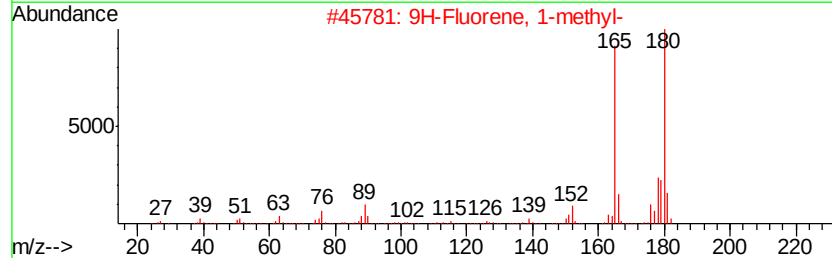
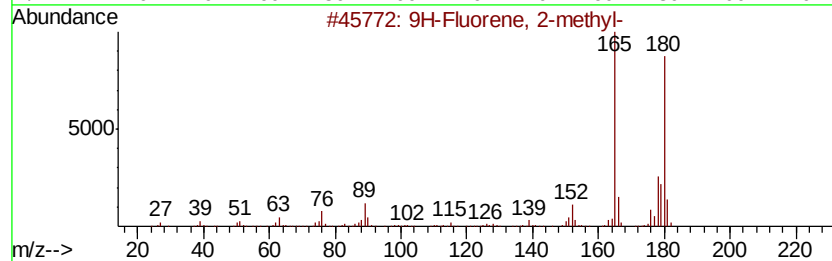
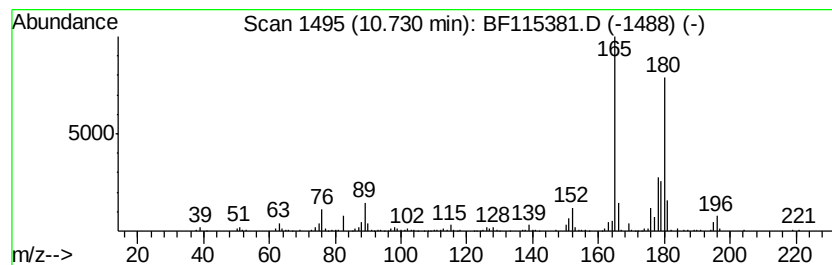
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	5.18 ng	433089	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89



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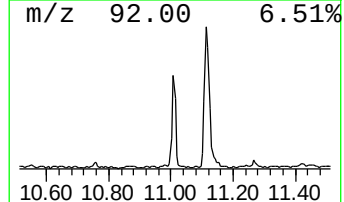
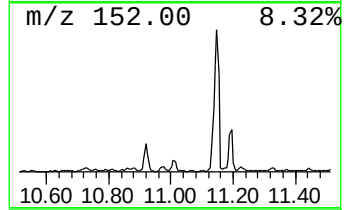
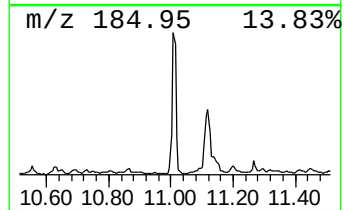
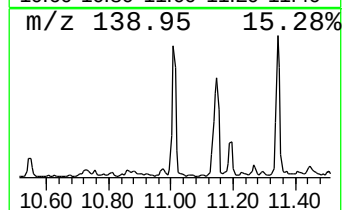
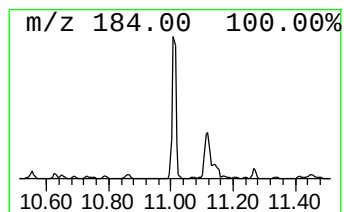
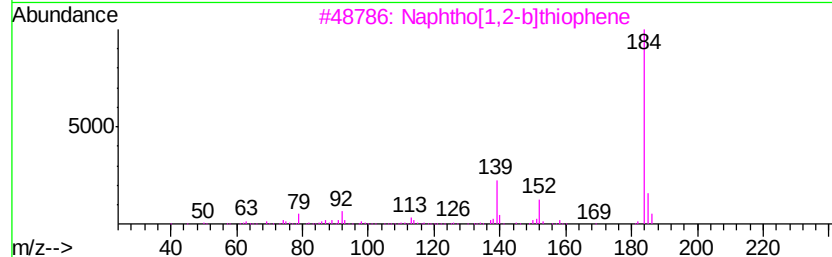
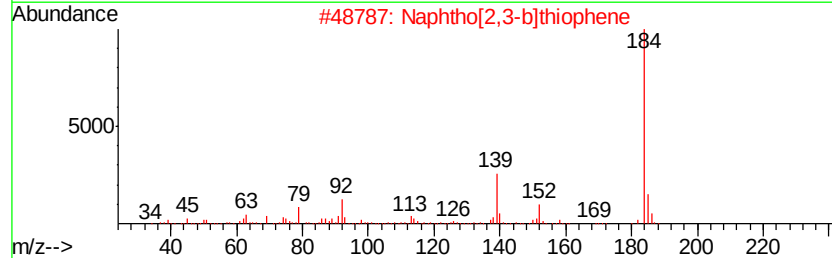
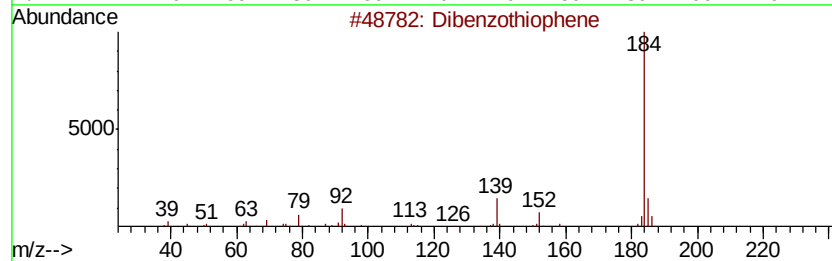
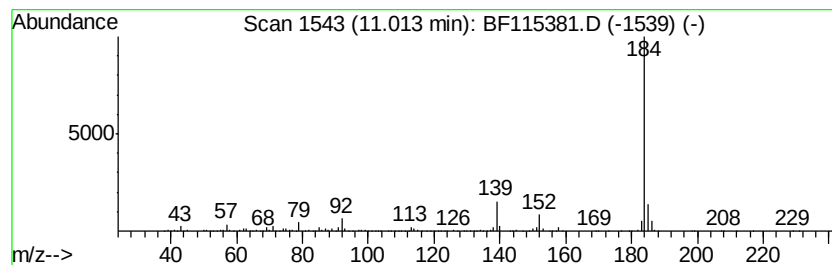
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.01	6.86 ng	573315	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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Operator : HP/JU
Sample : K3634-02
Misc :
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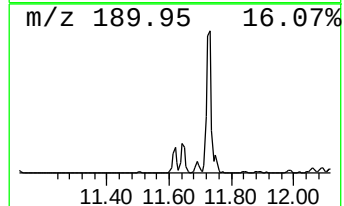
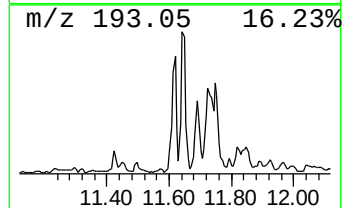
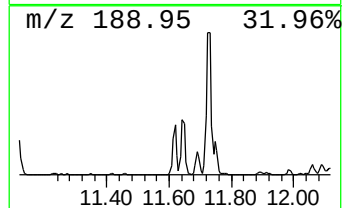
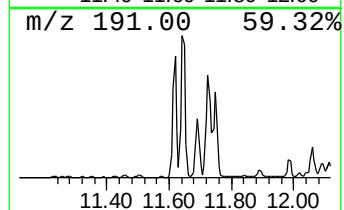
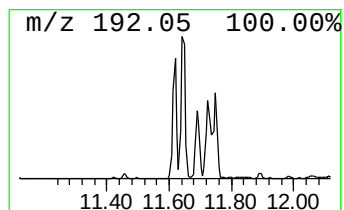
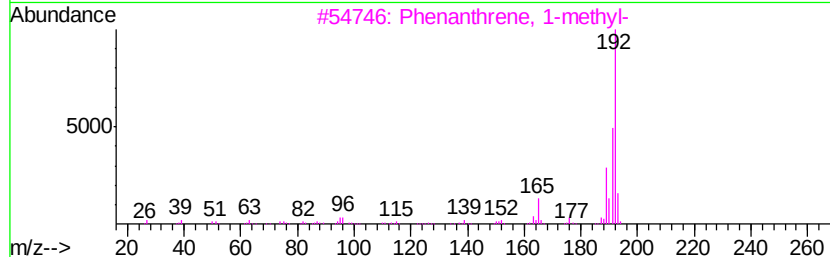
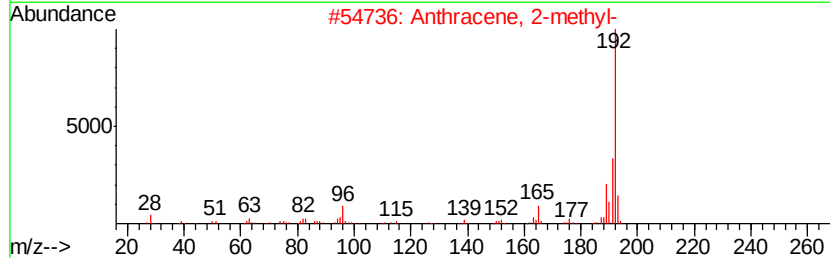
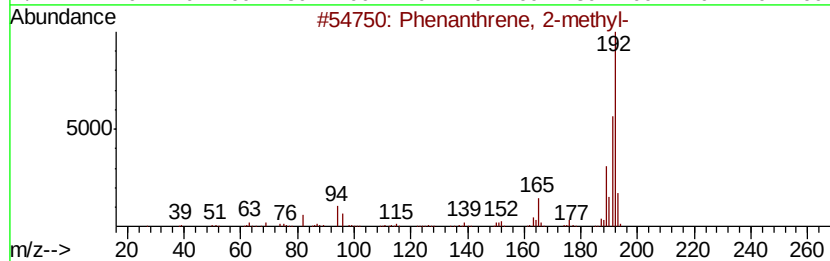
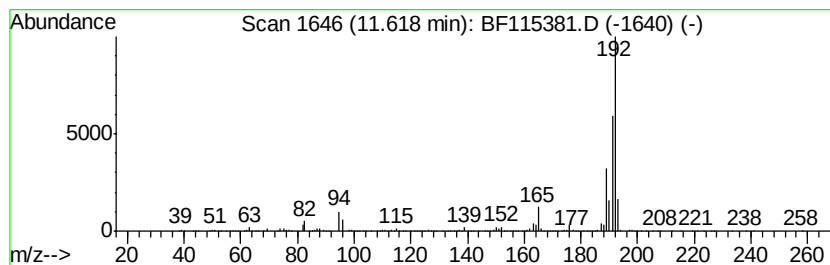
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	15.64 ng	1306530	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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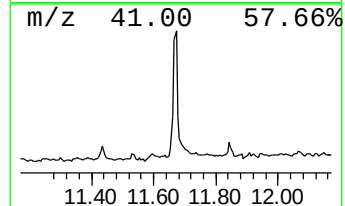
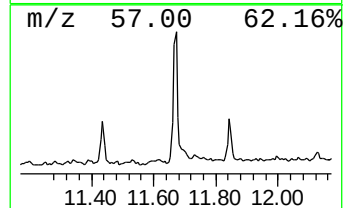
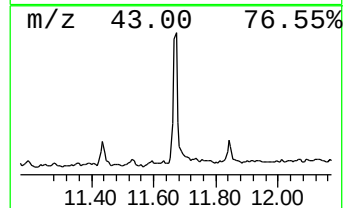
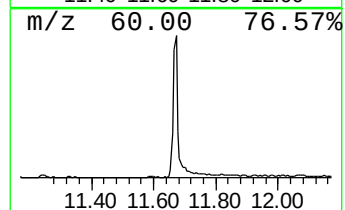
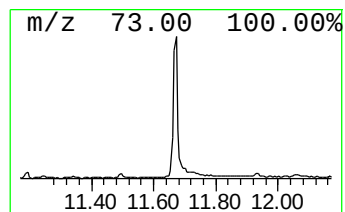
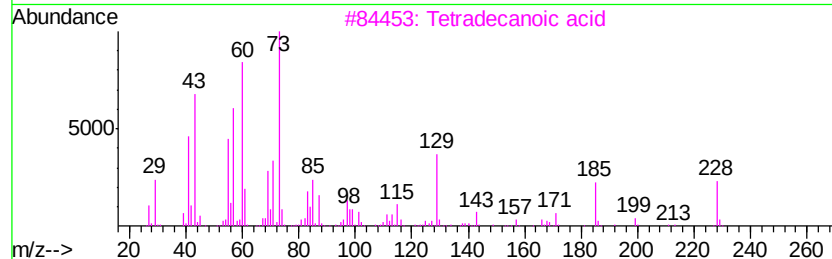
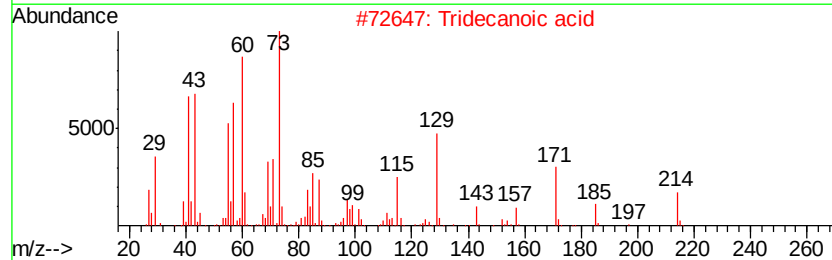
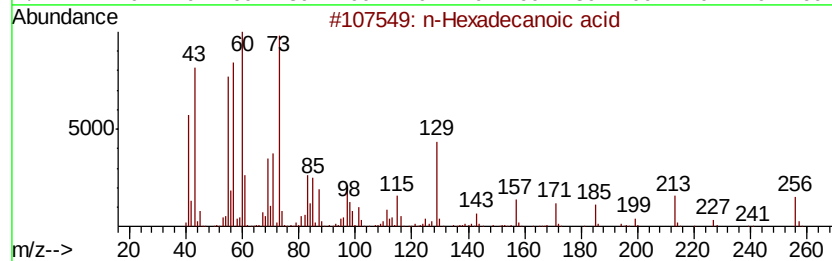
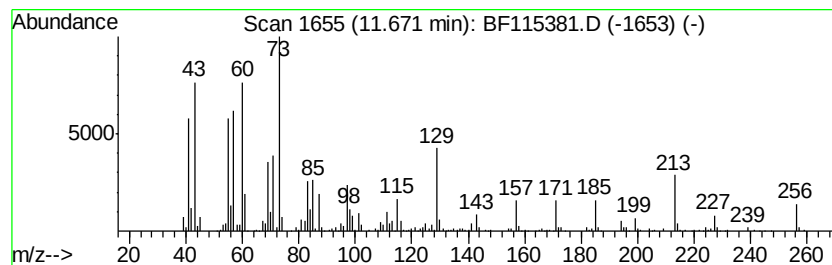
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.17 ng	431667	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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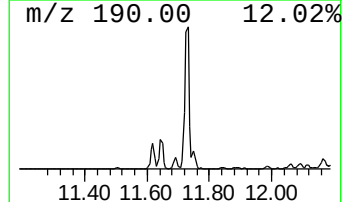
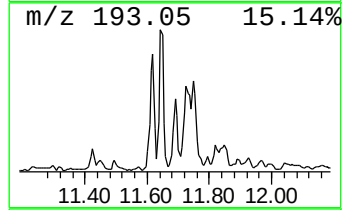
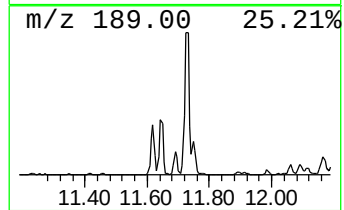
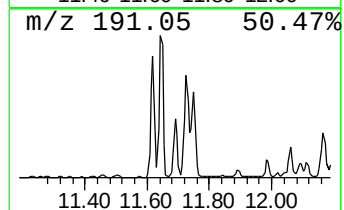
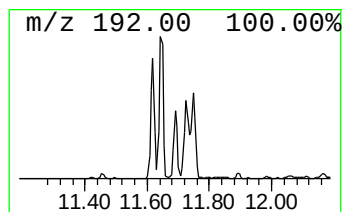
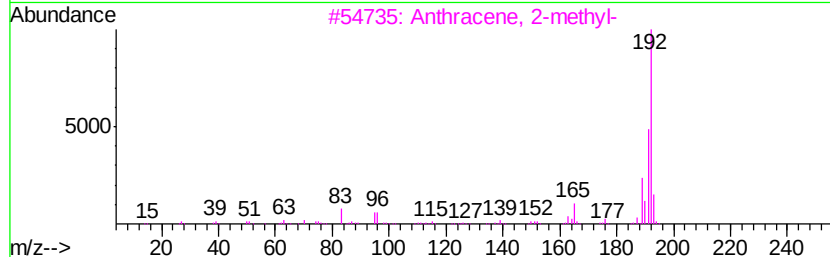
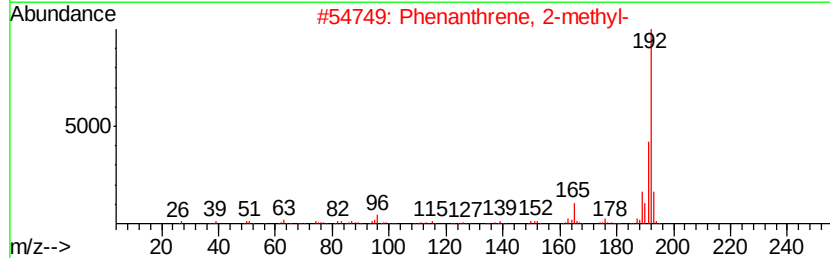
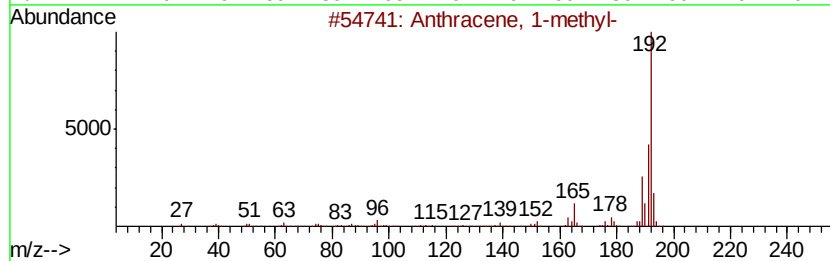
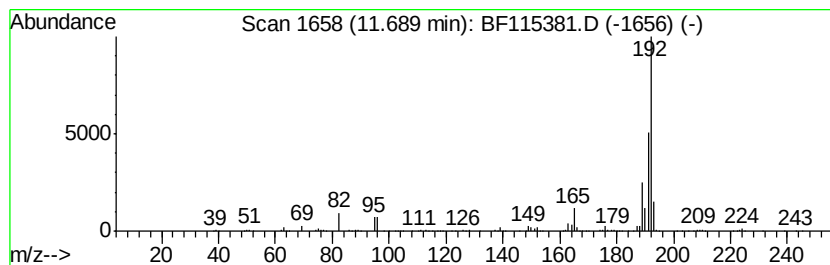
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.69	8.13 ng	679689	Phenanthrene-d10		11.12		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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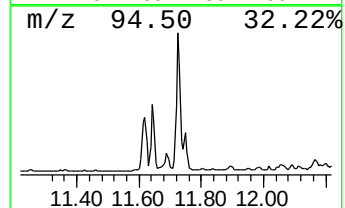
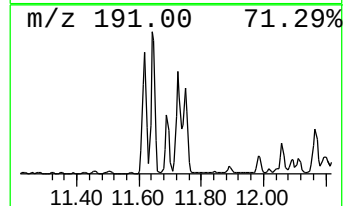
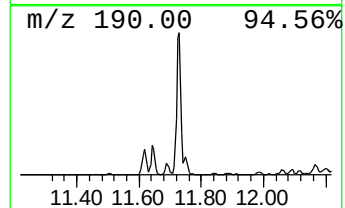
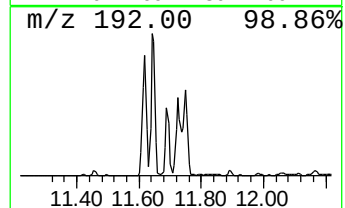
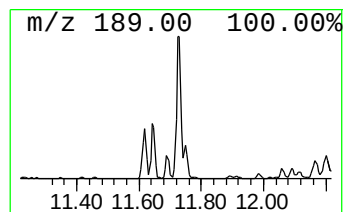
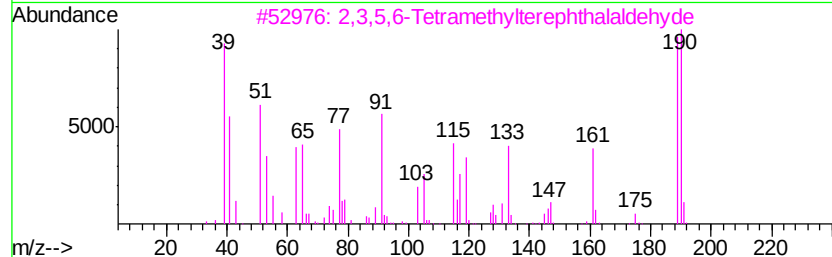
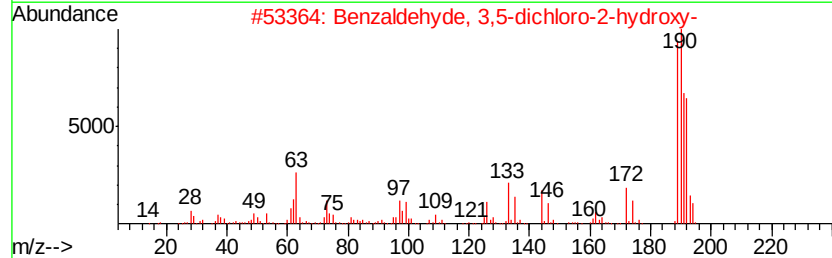
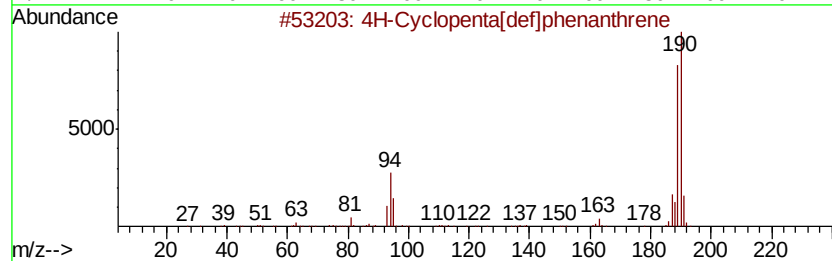
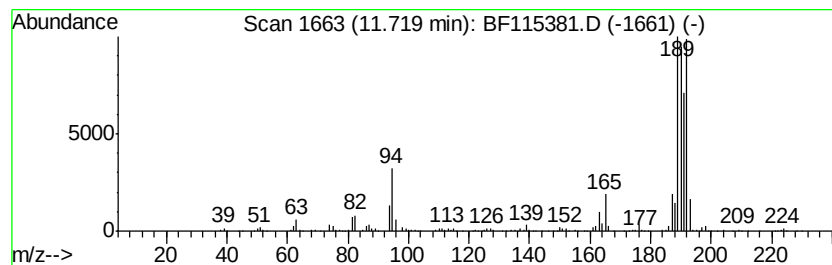
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	27.11 ng	2265250	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



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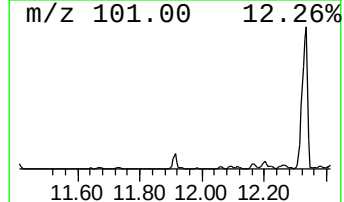
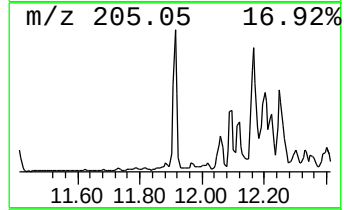
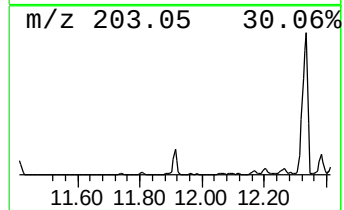
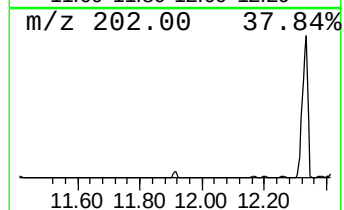
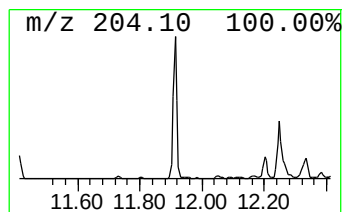
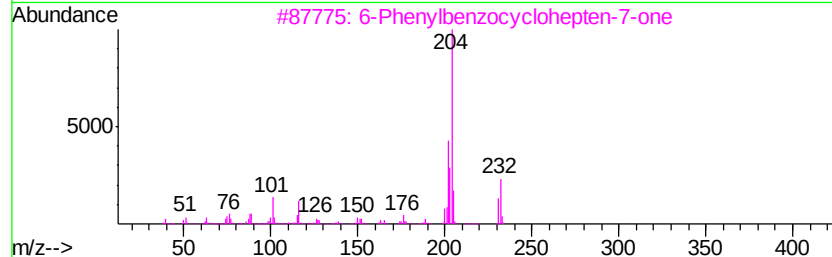
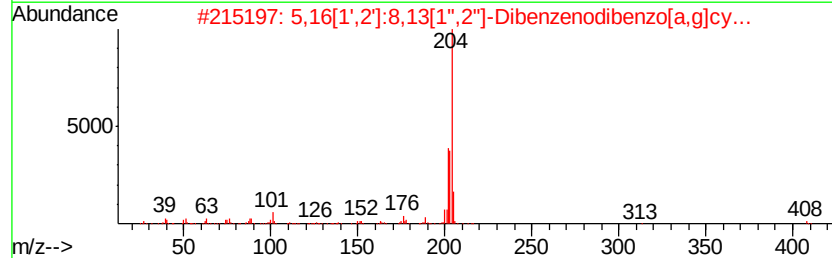
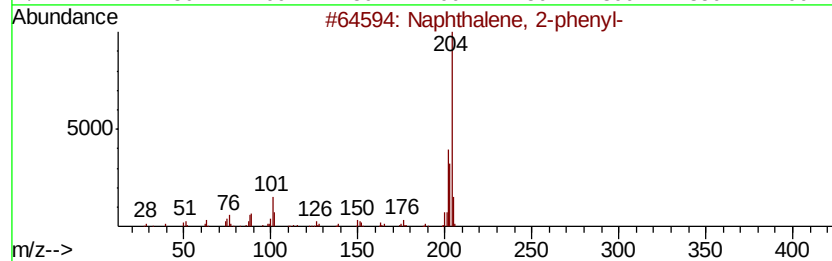
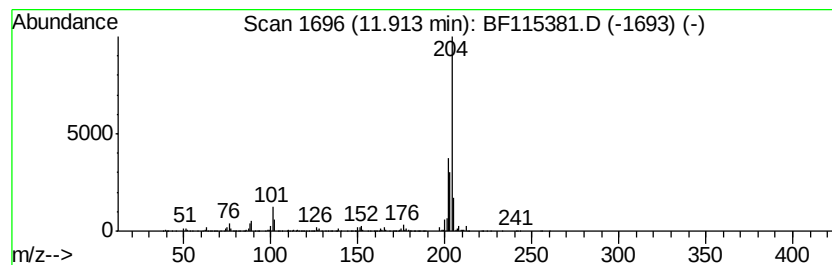
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	10.30 ng	860574	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']: ^{8,13} [1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



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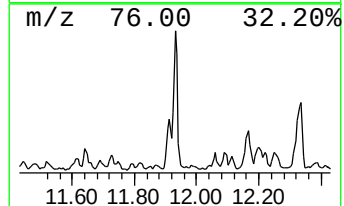
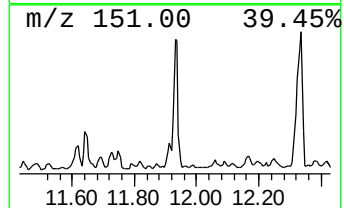
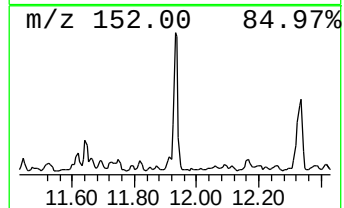
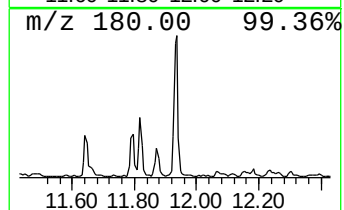
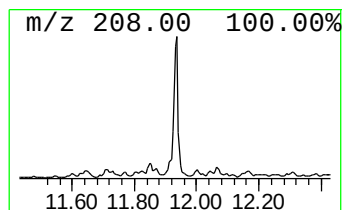
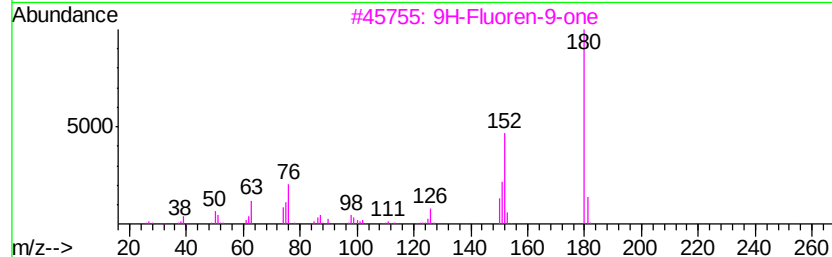
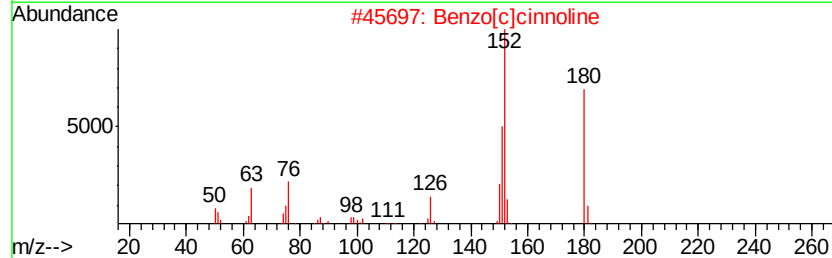
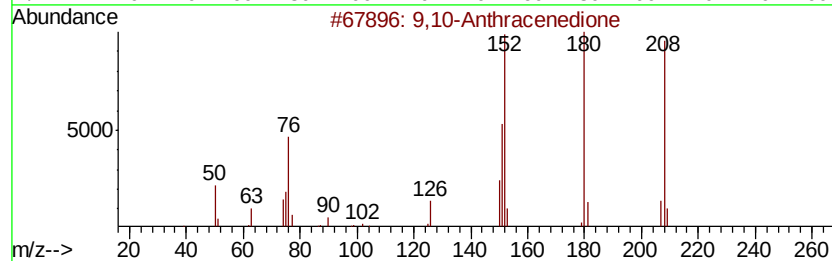
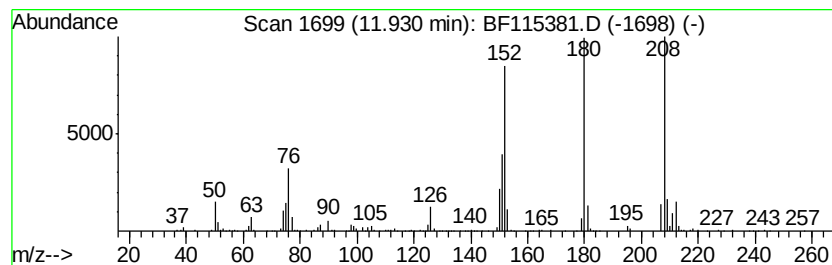
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.50 ng	459649	Phenanthrene-d10	11.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55



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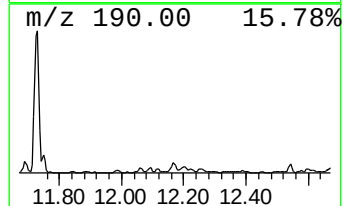
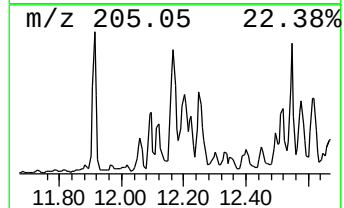
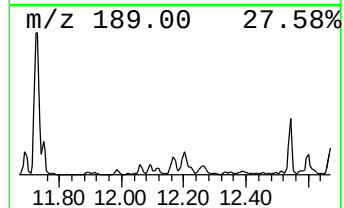
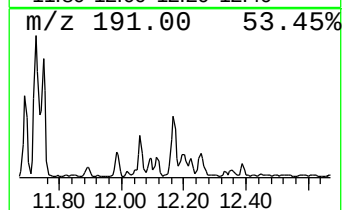
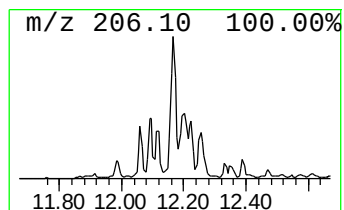
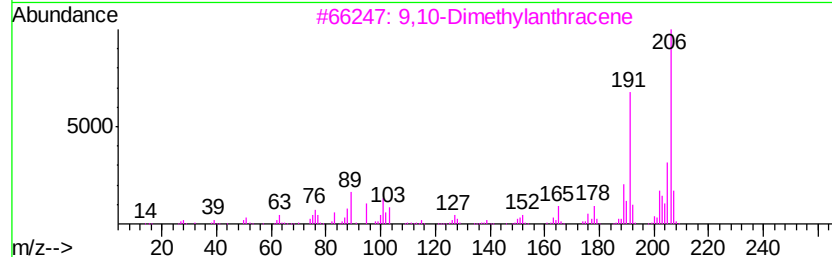
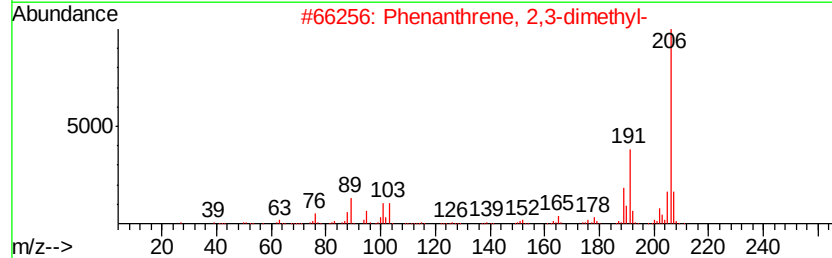
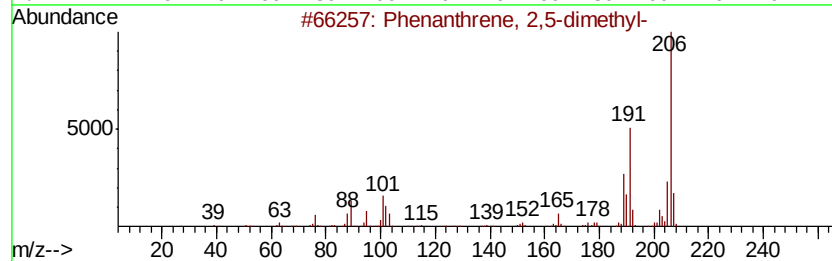
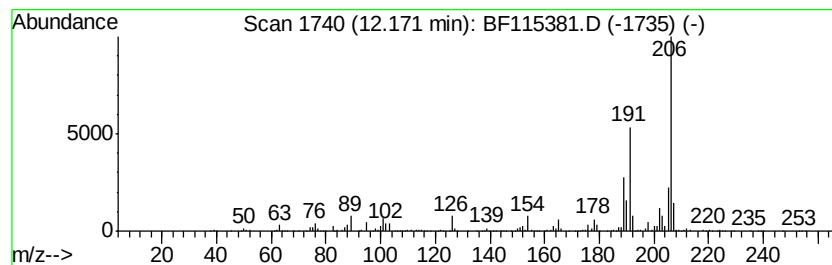
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	9.78 ng	817282	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
Data File : BF115381.D
Acq On : 3 Jul 2019 00:53
Operator : HP/JU
Sample : K3634-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-2

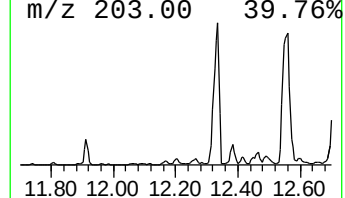
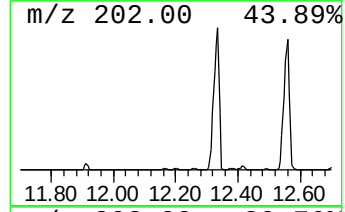
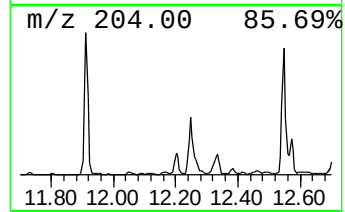
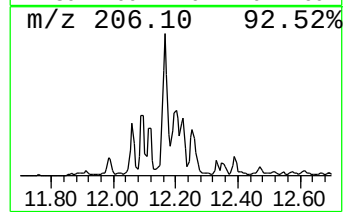
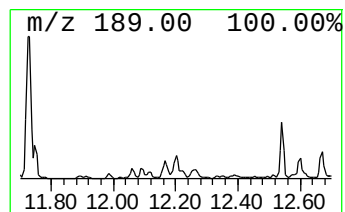
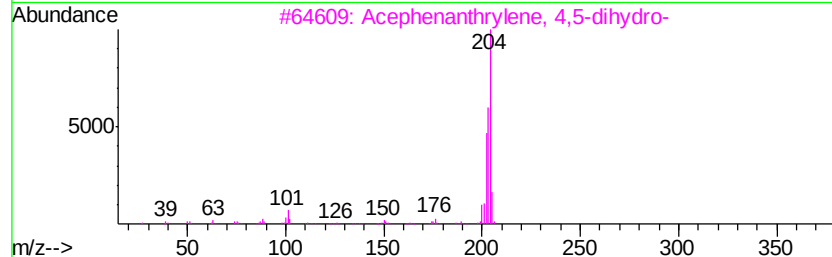
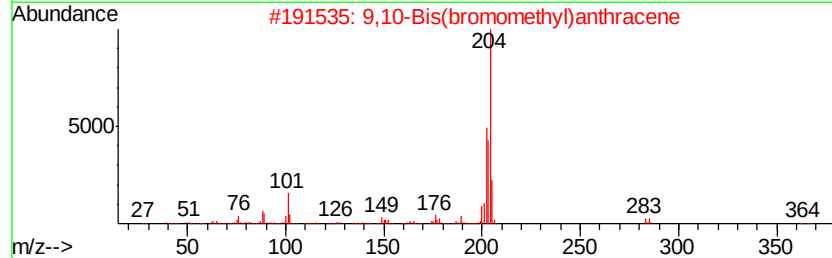
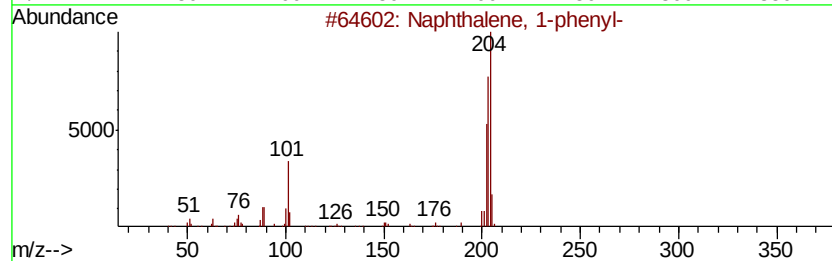
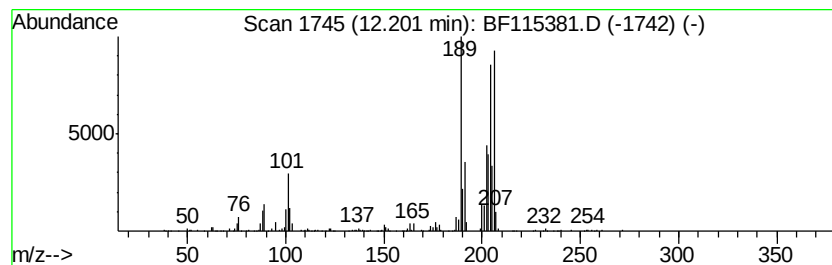
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	5.27 ng	440300	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
Data File : BF115381.D
Acq On : 3 Jul 2019 00:53
Operator : HP/JU
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BNA_F
ClientSampleId :
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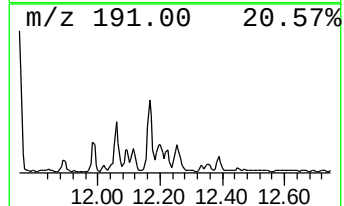
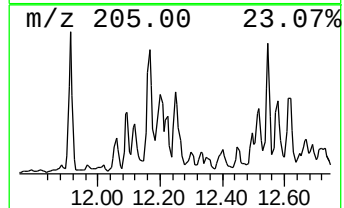
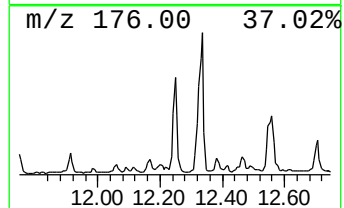
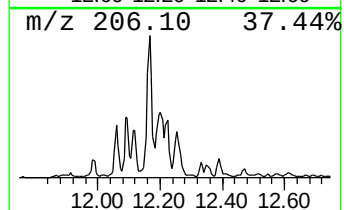
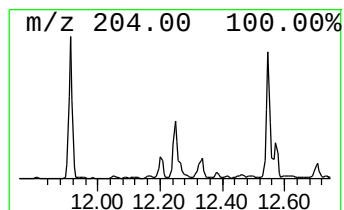
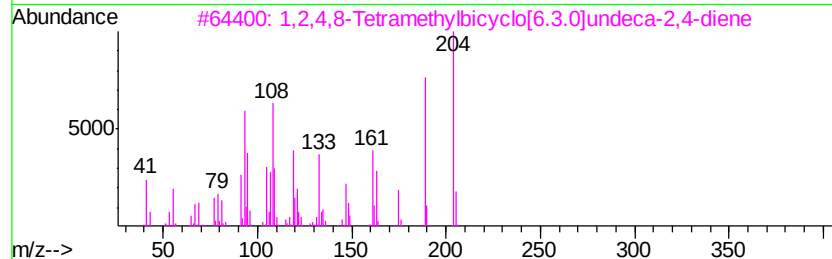
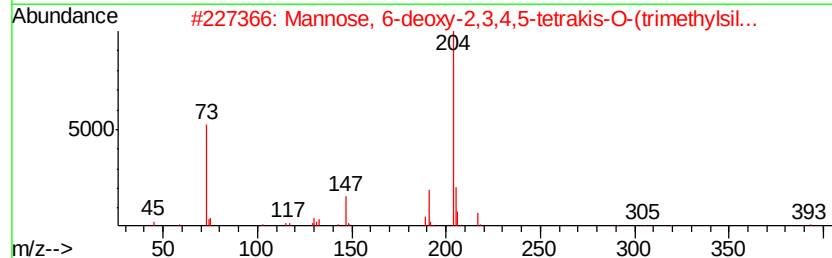
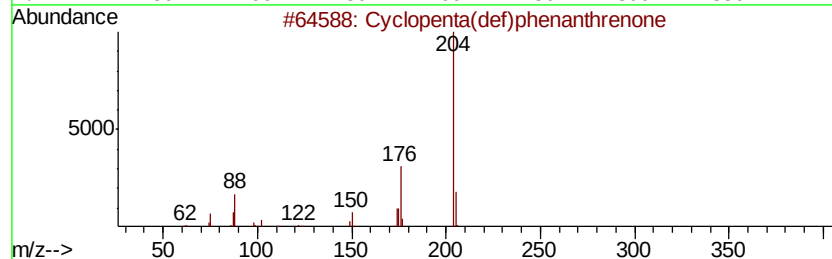
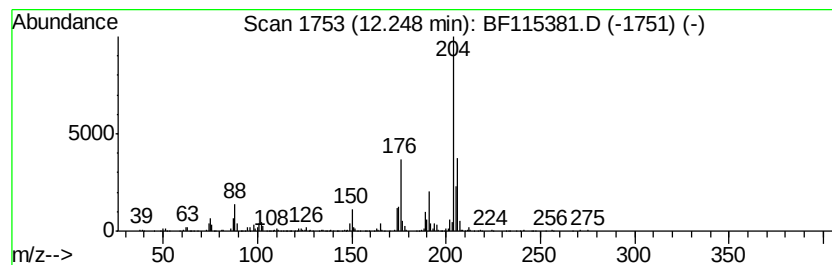
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	7.66 ng	639922	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	53
3		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	49
4		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
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Sample : K3634-02
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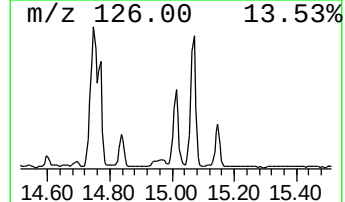
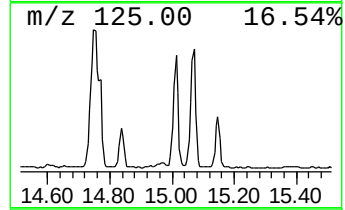
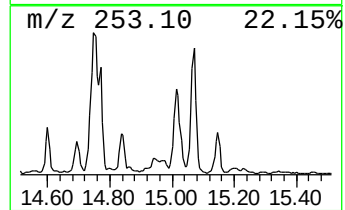
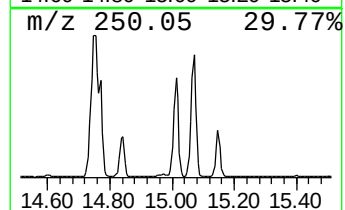
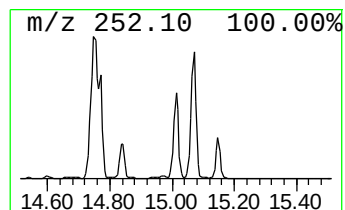
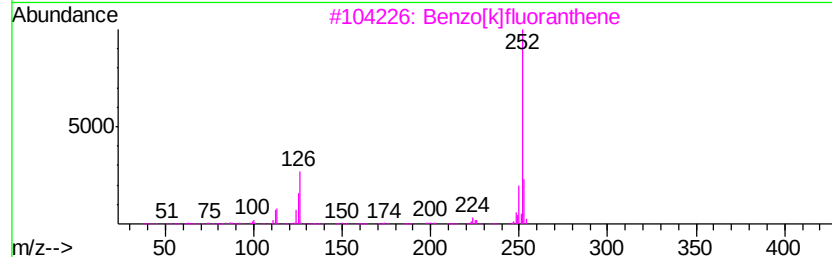
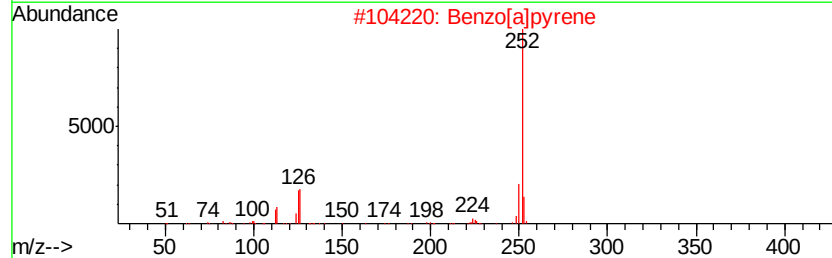
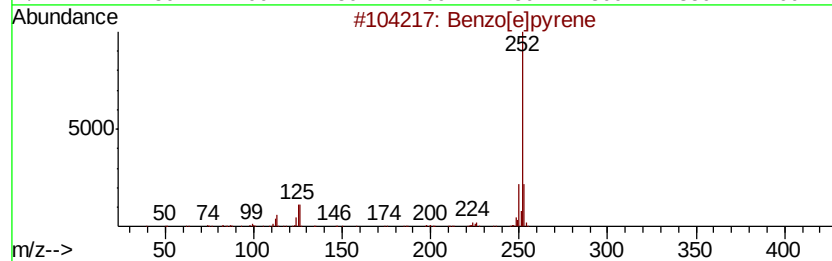
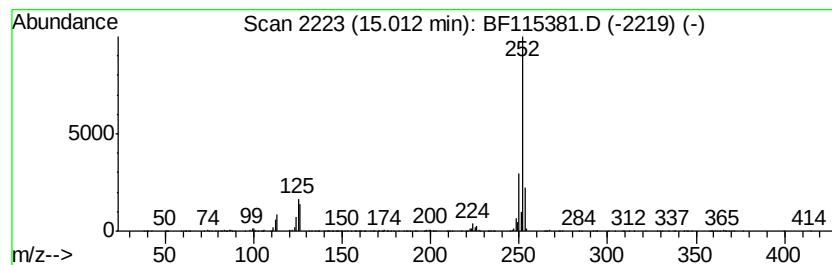
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	40.89 ng	2071070	Perylene-d12	15.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 95
2		Benzo[a]pyrene	252 C20H12	000050-32-8 94
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93
4		Benzo[i]fluoranthene	252 C20H12	000205-82-3 93
5		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 90



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
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Sample : K3634-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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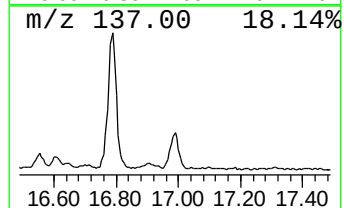
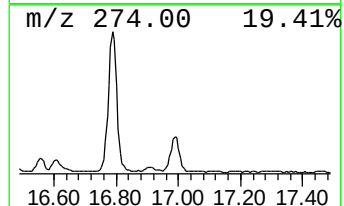
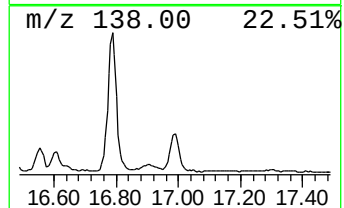
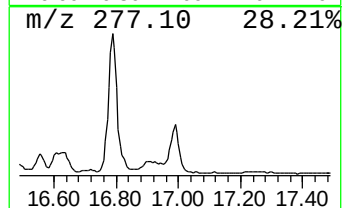
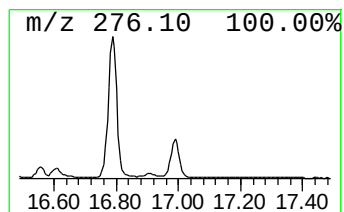
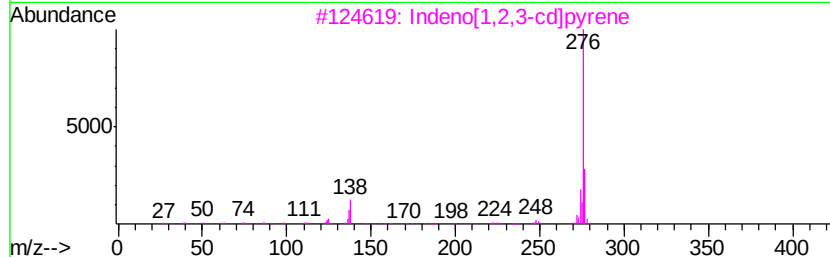
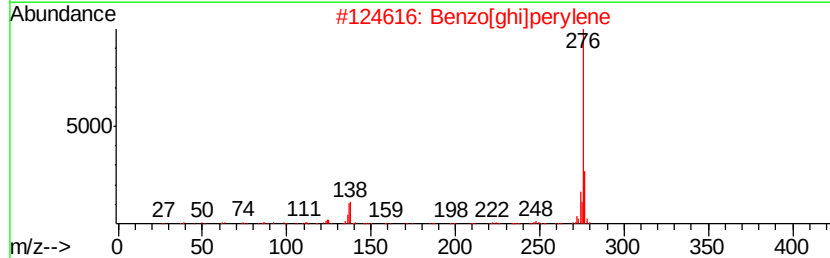
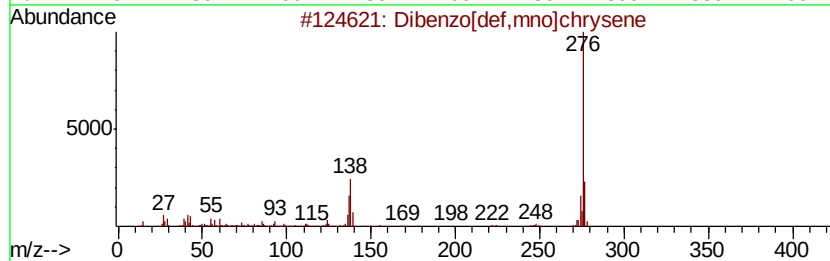
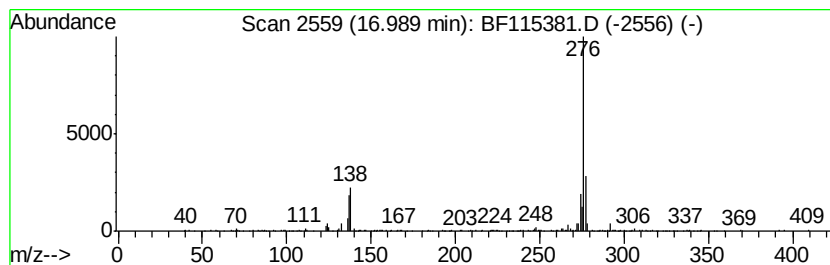
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	6.77 ng	342934	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
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Sample : K3634-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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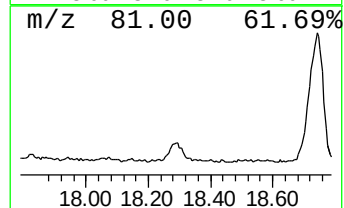
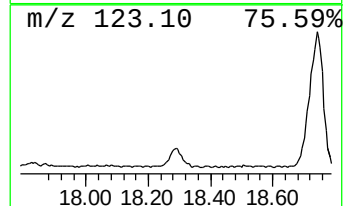
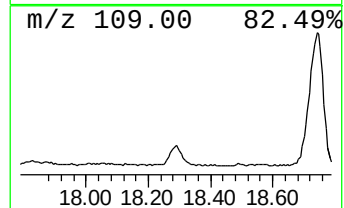
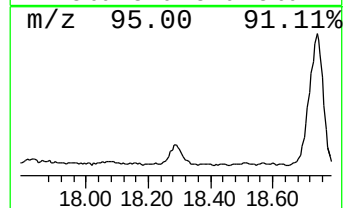
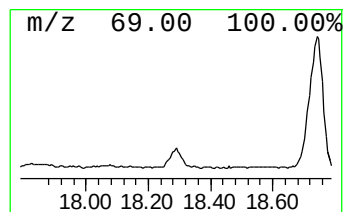
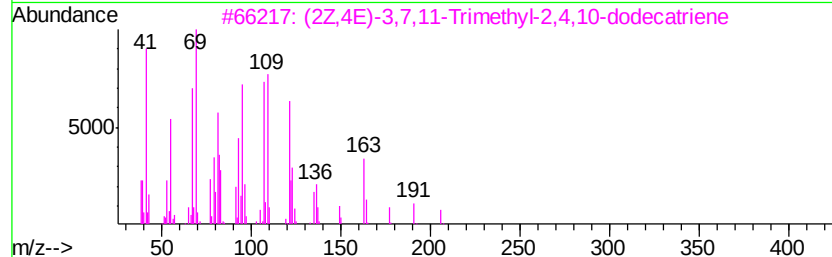
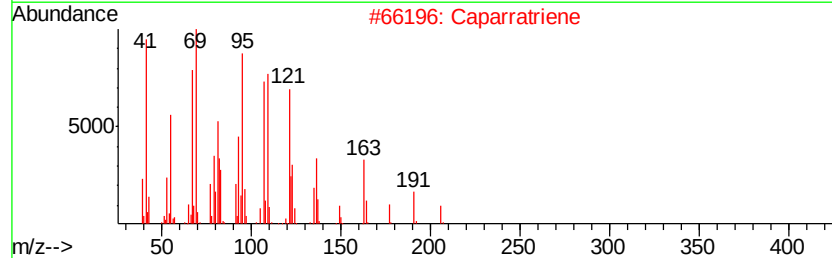
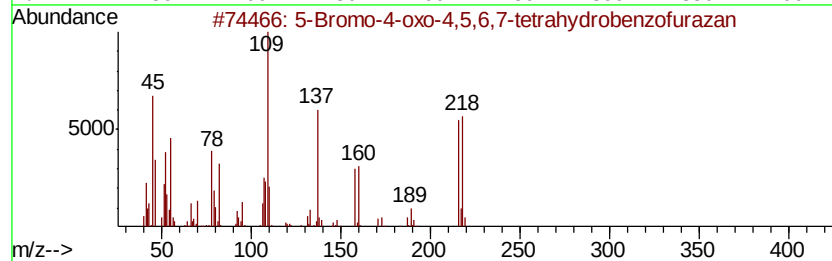
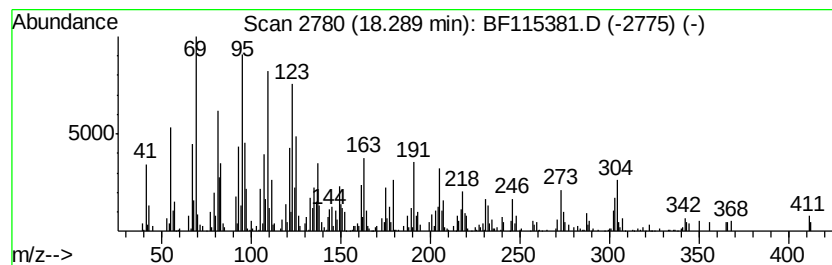
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	9.27 ng	469747	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2		Caparratriene	206	C15H26	1000374-08-7	50
3		(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	46
4		Sesquirosefuran	218	C15H22O	039007-93-7	43
5		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070219\
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 Sample : K3634-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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
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9H-Fluorene, 2-me...	10.73	5.2	ng	433089	4	11.12	1671270	20.0
Dibenzothiophene	11.01	6.9	ng	573315	4	11.12	1671270	20.0
Phenanthrene, 2-m...	11.62	15.6	ng	1306530	4	11.12	1671270	20.0
n-Hexadecanoic acid	11.67	5.2	ng	431667	4	11.12	1671270	20.0
Anthracene, 1-met...	11.69	8.1	ng	679689	4	11.12	1671270	20.0
4H-Cyclopenta[def...	11.72	27.1	ng	2265250	4	11.12	1671270	20.0
Naphthalene, 2-ph...	11.91	10.3	ng	860574	4	11.12	1671270	20.0
9,10-Anthracenedione	11.93	5.5	ng	459649	4	11.12	1671270	20.0
Phenanthrene, 2,5...	12.17	9.8	ng	817282	4	11.12	1671270	20.0
Naphthalene, 1-ph...	12.20	5.3	ng	440300	4	11.12	1671270	20.0
Cyclopenta(def)ph...	12.25	7.7	ng	639922	4	11.12	1671270	20.0
Benzo[e]pyrene	15.01	40.9	ng	2071070	6	15.12	1013090	20.0
Dibenzo[def,mno]c...	16.99	6.8	ng	342934	6	15.12	1013090	20.0
5-Bromo-4-oxo-4,5...	18.29	9.3	ng	469747	6	15.12	1013090	20.0