

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112354.D
 Acq On : 1 Feb 2019 16:30
 Operator : JU/SJ
 Sample : K1299-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0038-AMND-COMP-1

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-BF012519.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	2.122	3	6	12	rVB	120301	149387	4.05%	0.320%
2	5.051	500	504	513	rBV	329008	402147	10.90%	0.861%
3	5.475	572	576	597	rVB	2800957	2651909	71.87%	5.679%
4	6.487	743	748	759	rBV	3285413	3358823	91.02%	7.193%
5	6.616	766	770	773	rBV	3570553	3293383	89.25%	7.053%
6	6.834	804	807	814	rBV	961762	934797	25.33%	2.002%
7	6.992	830	834	838	rBV	3037565	2699150	73.15%	5.780%
8	7.098	849	852	858	rVB3	43424	65625	1.78%	0.141%
9	7.398	899	903	913	rVB	2209407	2146192	58.16%	4.596%
10	7.545	925	928	933	rVB2	61862	61412	1.66%	0.132%
11	7.863	979	982	987	rBV5	34707	60262	1.63%	0.129%
12	8.116	1019	1025	1028	rBV	1235911	1280414	34.70%	2.742%
13	8.139	1028	1029	1033	rVV	457496	300054	8.13%	0.643%
14	8.175	1033	1035	1038	rVB	88922	84301	2.28%	0.181%
15	8.410	1070	1075	1077	rBV4	46377	52046	1.41%	0.111%
16	8.539	1093	1097	1099	rBV	133311	116113	3.15%	0.249%
17	8.833	1144	1147	1151	rBV	281670	255463	6.92%	0.547%
18	8.928	1160	1163	1168	rVB	276386	252404	6.84%	0.541%
19	8.992	1171	1174	1177	rBV4	38898	53047	1.44%	0.114%
20	9.139	1196	1199	1203	rVB	154485	135695	3.68%	0.291%
21	9.192	1203	1208	1211	rBV	4432158	3690062	100.00%	7.902%
22	9.263	1217	1220	1221	rBV	61348	70776	1.92%	0.152%
23	9.386	1239	1241	1248	rVB	109693	126258	3.42%	0.270%
24	9.463	1249	1254	1257	rBV	95744	125338	3.40%	0.268%
25	9.533	1262	1266	1268	rVV	172115	188331	5.10%	0.403%
26	9.557	1268	1270	1272	rVV	93432	85080	2.31%	0.182%
27	9.586	1272	1275	1279	rVV2	430587	508213	13.77%	1.088%
28	9.651	1283	1286	1288	rBV	89240	81026	2.20%	0.174%
29	9.733	1297	1300	1304	rVB	167934	148011	4.01%	0.317%
30	9.839	1314	1318	1319	rVV2	102251	135222	3.66%	0.290%
31	9.875	1320	1324	1327	rVV	1479850	1402917	38.02%	3.004%
32	9.904	1327	1329	1333	rVB	295572	231202	6.27%	0.495%
33	9.975	1338	1341	1346	rVB2	59721	74153	2.01%	0.159%
34	10.027	1346	1350	1354	rBV7	47127	77778	2.11%	0.167%

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35	10.075	1354	1358	1362	rVV3	80992	126913	3.44%	0.272%
36	10.116	1362	1365	1370	rVB3	91554	112777	3.06%	0.242%
37	10.186	1374	1377	1380	rBV3	72330	86227	2.34%	0.185%
38	10.280	1389	1393	1394	rBV2	76683	82145	2.23%	0.176%
39	10.327	1398	1401	1403	rBV2	67022	64551	1.75%	0.138%
40	10.422	1413	1417	1422	rVB2	143898	170547	4.62%	0.365%
41	10.522	1429	1434	1439	rBV3	167531	233237	6.32%	0.499%
42	10.574	1440	1443	1446	rVB3	49039	53027	1.44%	0.114%
43	10.639	1451	1454	1455	rBV3	63367	59977	1.63%	0.128%
44	10.663	1455	1458	1465	rVB	2195652	1931373	52.34%	4.136%
45	10.780	1474	1478	1482	rBV2	571108	613774	16.63%	1.314%
46	10.969	1506	1510	1512	rBV2	79800	108244	2.93%	0.232%
47	10.998	1512	1515	1517	rVV	72102	58937	1.60%	0.126%
48	11.116	1533	1535	1540	rVB4	53372	61351	1.66%	0.131%
49	11.221	1550	1553	1555	rBV2	82025	95883	2.60%	0.205%
50	11.251	1555	1558	1563	rVB2	265815	287725	7.80%	0.616%
51	11.357	1573	1576	1579	rBV	1462002	1401698	37.99%	3.002%
52	11.380	1579	1580	1584	rVV	698958	519458	14.08%	1.112%
53	11.433	1587	1589	1592	rVB	239458	186299	5.05%	0.399%
54	11.469	1592	1595	1598	rBV2	48021	57611	1.56%	0.123%
55	11.598	1614	1617	1620	rBV2	87105	92184	2.50%	0.197%
56	11.645	1623	1625	1628	rVV3	65259	62831	1.70%	0.135%
57	11.692	1630	1633	1638	rVB	78944	98787	2.68%	0.212%
58	11.769	1644	1646	1650	rBV	47171	57186	1.55%	0.122%
59	11.863	1659	1662	1663	rBV	194083	174834	4.74%	0.374%
60	11.886	1663	1666	1672	rVB2	258000	296785	8.04%	0.636%
61	11.939	1672	1675	1677	rBV	119341	113450	3.07%	0.243%
62	11.969	1677	1680	1683	rBV2	291101	322199	8.73%	0.690%
63	12.151	1709	1711	1714	rVB	90680	73597	1.99%	0.158%
64	12.304	1734	1737	1739	rVB2	108372	102990	2.79%	0.221%
65	12.339	1740	1743	1745	rVB2	74890	67759	1.84%	0.145%
66	12.410	1752	1755	1758	rBV	160895	168052	4.55%	0.360%
67	12.451	1758	1762	1764	rVV5	80117	108144	2.93%	0.232%
68	12.574	1780	1783	1786	rBV	616422	516353	13.99%	1.106%
69	12.610	1786	1789	1792	rVB2	423105	378315	10.25%	0.810%
70	12.668	1797	1799	1803	rVB	99005	92005	2.49%	0.197%
71	12.804	1816	1822	1828	rBV	684332	803759	21.78%	1.721%

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72	12.857	1829	1831	1835	rVB2	74709	82867	2.25%	0.177%
73	12.939	1841	1845	1848	rBV	3492103	3032737	82.19%	6.495%
74	13.021	1856	1859	1866	rVB4	98036	179885	4.87%	0.385%
75	13.080	1866	1869	1871	rBV	271089	233211	6.32%	0.499%
76	13.127	1875	1877	1881	rVB	185542	189624	5.14%	0.406%
77	13.198	1886	1889	1893	rVV	157249	179967	4.88%	0.385%
78	13.233	1893	1895	1903	rVB2	120062	157532	4.27%	0.337%
79	13.327	1909	1911	1914	rVB	107848	88851	2.41%	0.190%
80	13.357	1914	1916	1919	rBV	93664	95398	2.59%	0.204%
81	13.510	1939	1942	1943	rBV2	56723	55009	1.49%	0.118%
82	13.827	1993	1996	2003	rVB2	414921	506983	13.74%	1.086%
83	13.939	2012	2015	2018	rVB	251555	209146	5.67%	0.448%
84	13.998	2021	2025	2028	rVV2	1064985	1281820	34.74%	2.745%
85	14.027	2028	2030	2038	rVB	349337	339132	9.19%	0.726%
86	14.151	2048	2051	2058	rVB4	101528	126930	3.44%	0.272%
87	14.386	2089	2091	2095	rVB	113632	102385	2.77%	0.219%
88	14.457	2100	2103	2106	rBV3	121170	157058	4.26%	0.336%
89	14.757	2152	2154	2159	rVB2	97665	86115	2.33%	0.184%
90	15.045	2199	2203	2206	rBV	239085	376046	10.19%	0.805%
91	15.092	2209	2211	2214	rVV	144989	131858	3.57%	0.282%
92	15.151	2218	2221	2227	rVB	95163	121500	3.29%	0.260%
93	15.345	2250	2254	2260	rVB	217845	284901	7.72%	0.610%
94	15.404	2261	2264	2269	rBV	308711	383485	10.39%	0.821%
95	15.468	2270	2275	2279	rBV	854633	1046082	28.35%	2.240%
96	15.898	2344	2348	2353	rVB2	97124	149896	4.06%	0.321%
97	16.945	2520	2526	2535	rBV	164648	389023	10.54%	0.833%
98	17.392	2597	2602	2616	rVB	118148	312348	8.46%	0.669%
99	17.698	2651	2654	2662	rVB3	108845	208869	5.66%	0.447%
100	18.062	2706	2716	2726	rVB6	278670	1049363	28.44%	2.247%

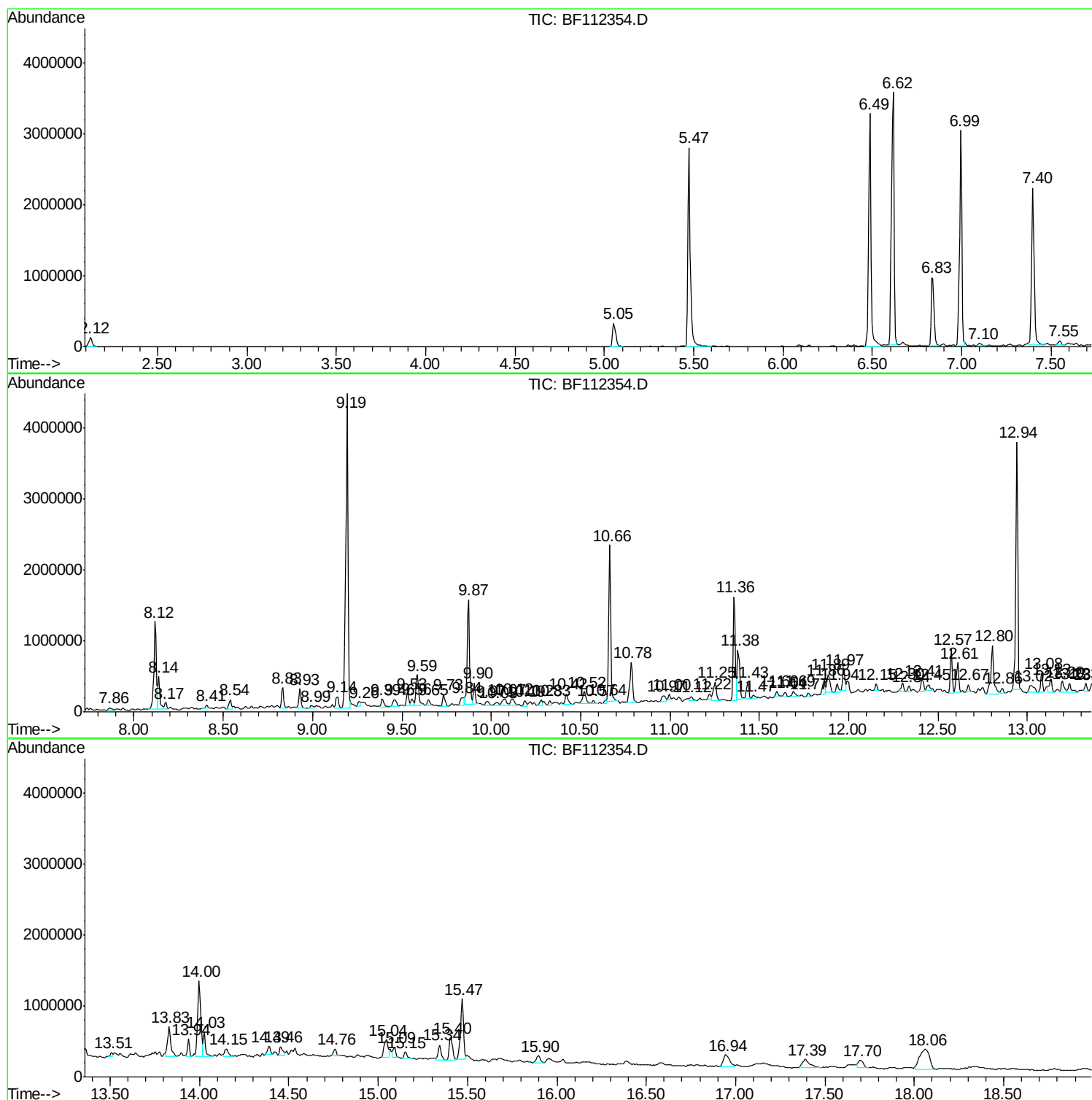
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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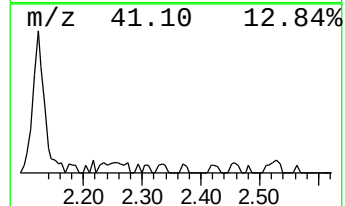
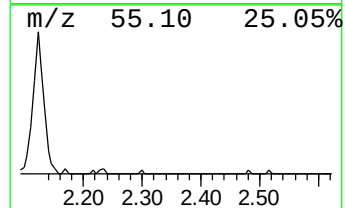
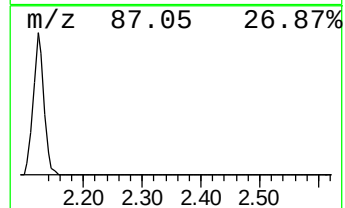
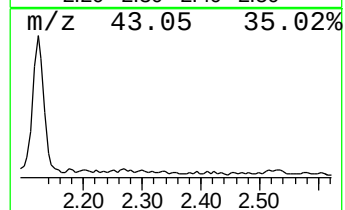
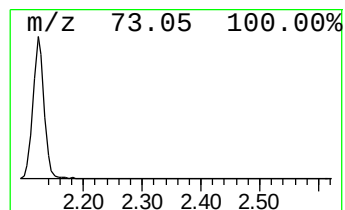
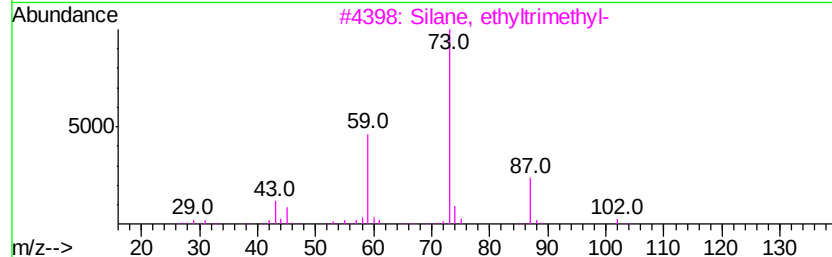
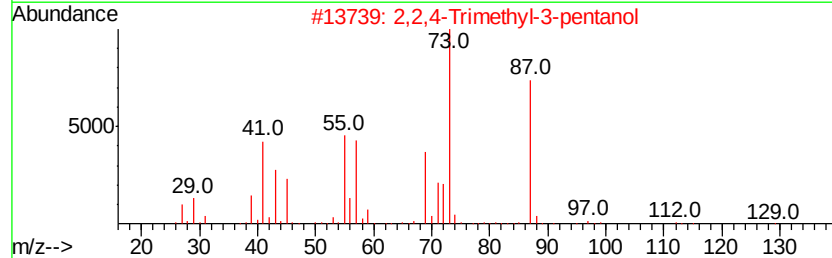
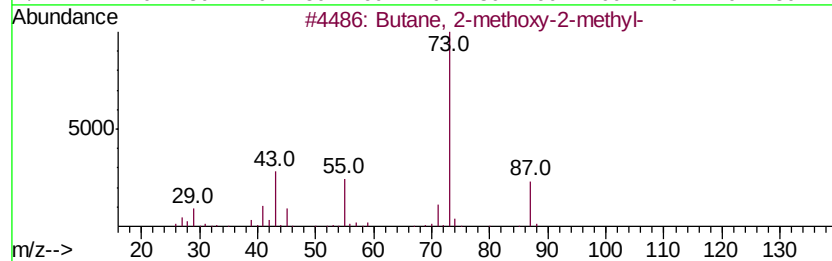
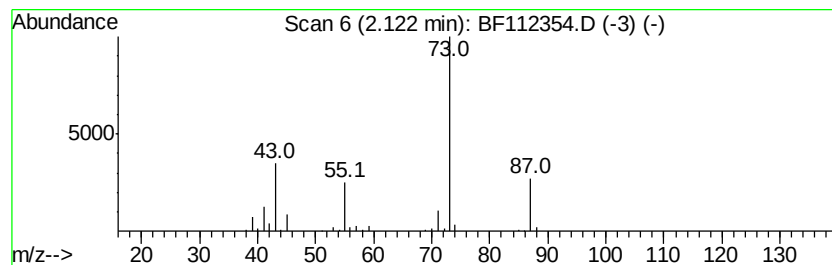
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.20 ng	149387	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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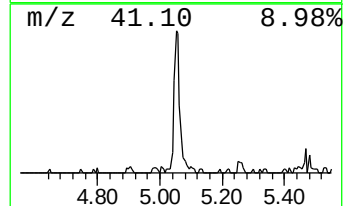
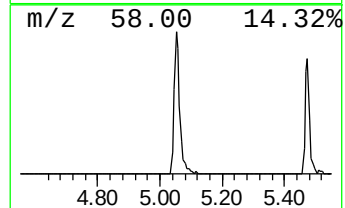
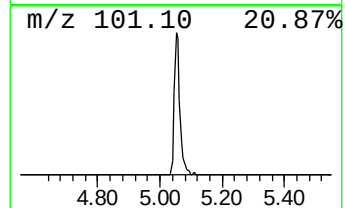
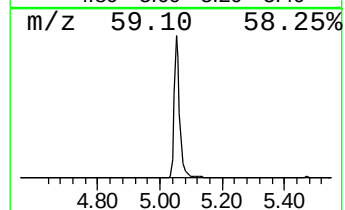
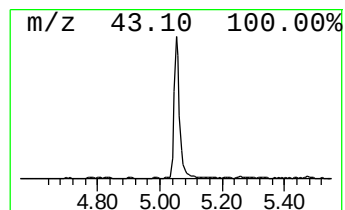
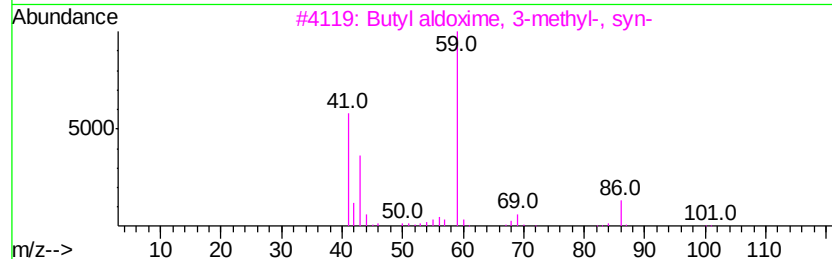
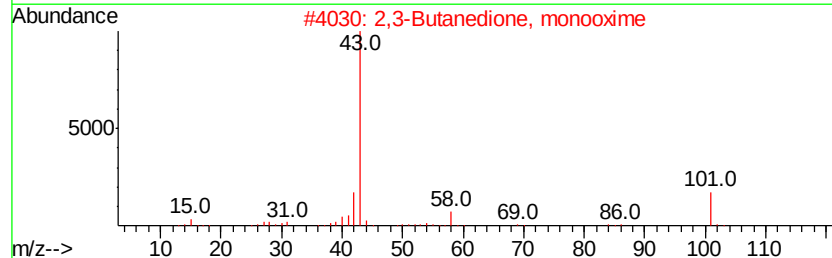
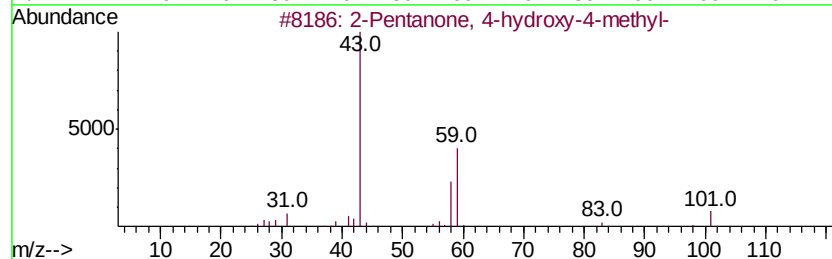
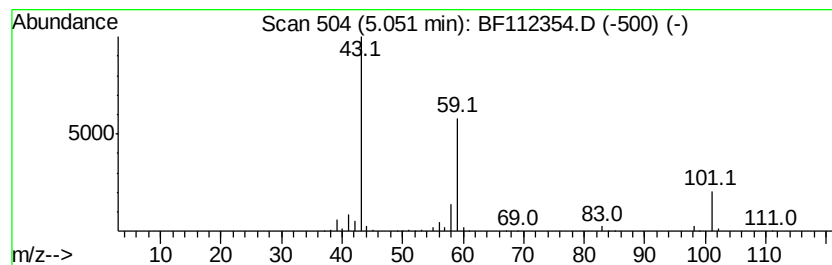
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.05	8.60 ng	402147	1,4-Dichlorobenzene-d4	6.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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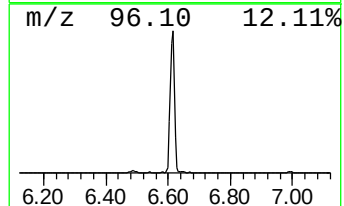
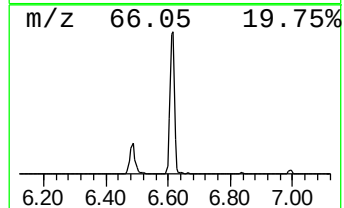
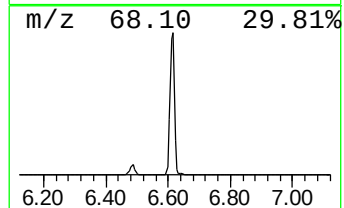
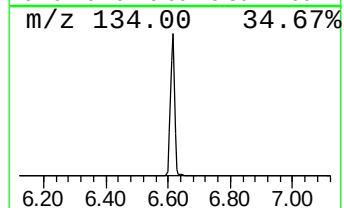
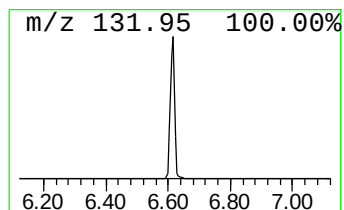
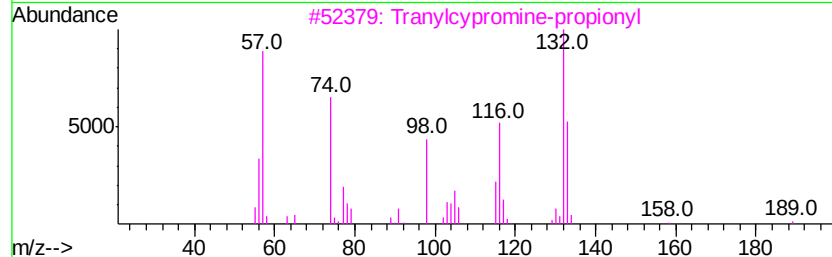
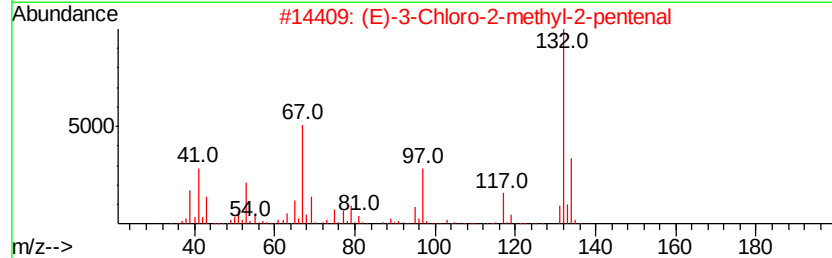
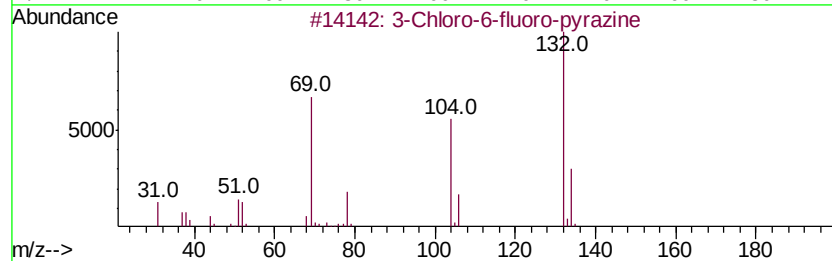
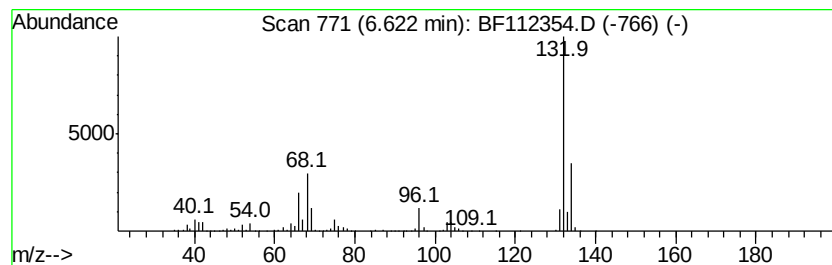
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.46 ng	3293380	1,4-Dichlorobenzene-d4	6.84

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	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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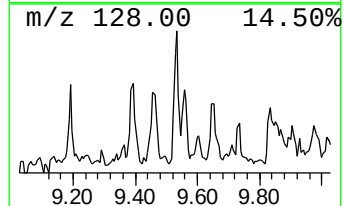
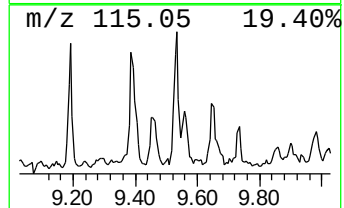
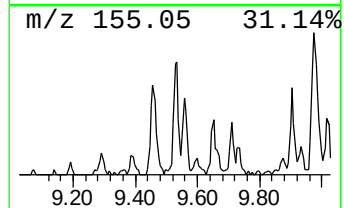
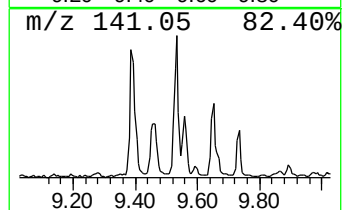
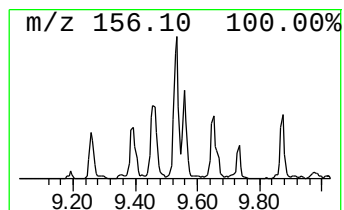
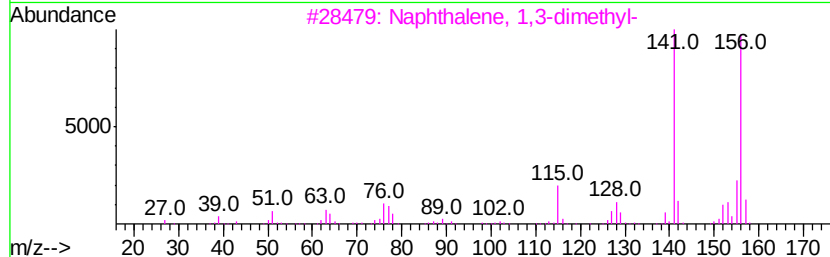
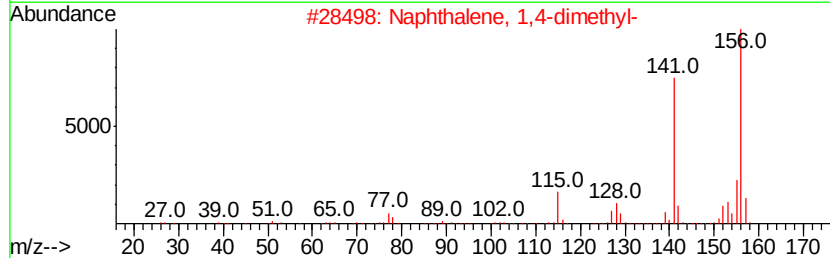
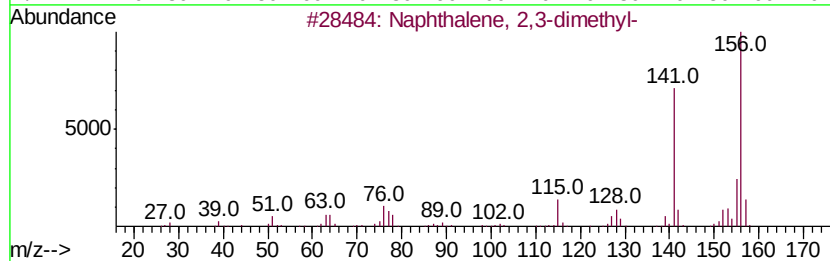
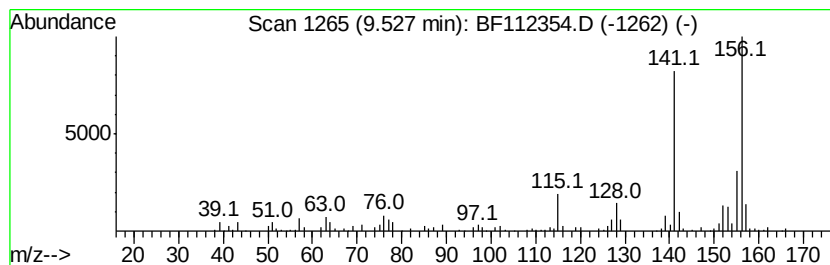
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.68 ng	188331	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
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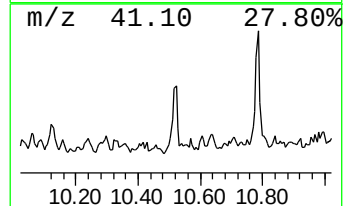
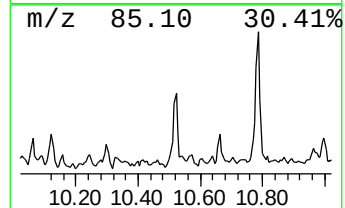
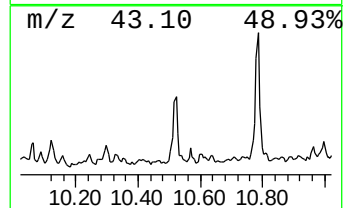
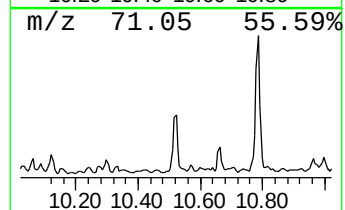
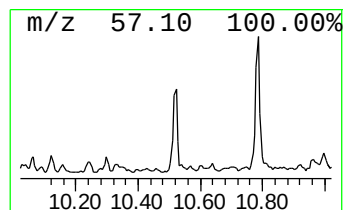
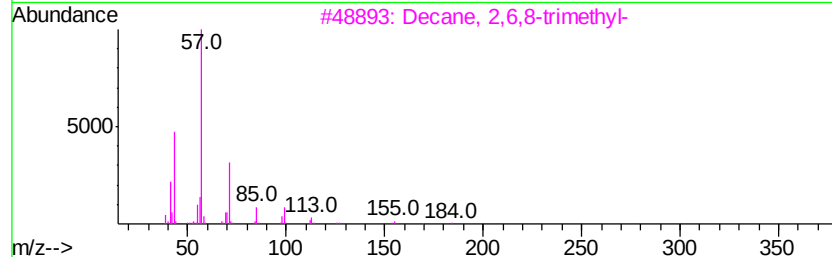
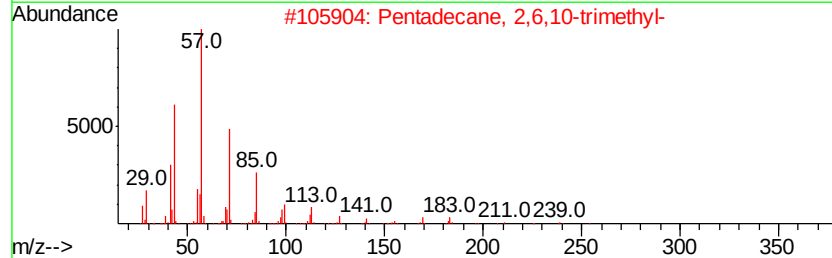
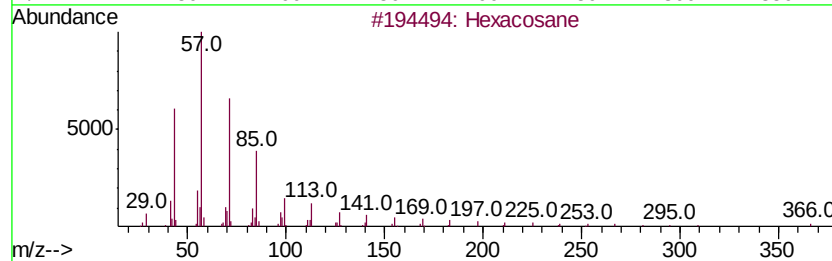
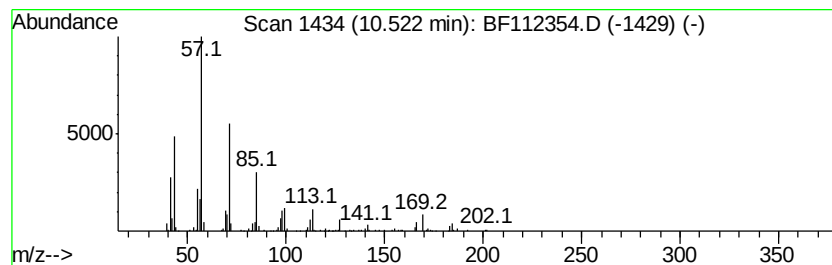
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.33 ng	233237	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	80
2	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	80
3	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	76
4	Tetradecane, 3-methyl-	212 C15H32	018435-22-8	72
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
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Sample : K1299-05
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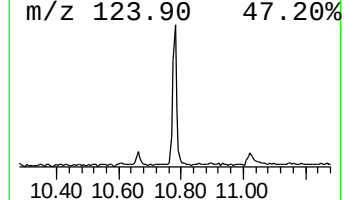
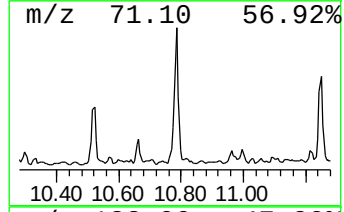
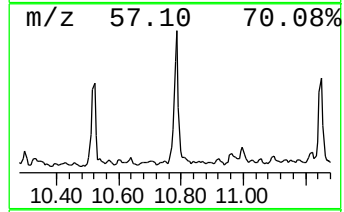
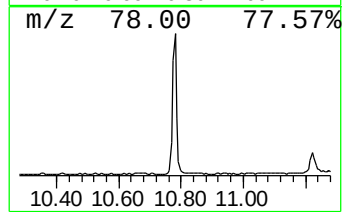
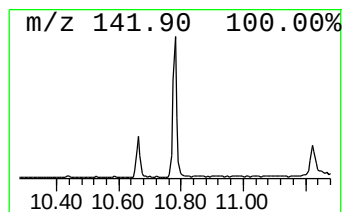
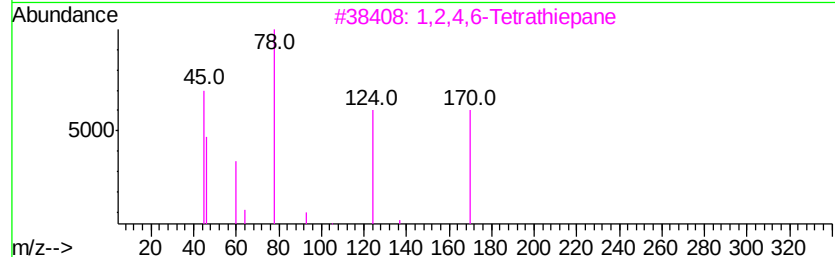
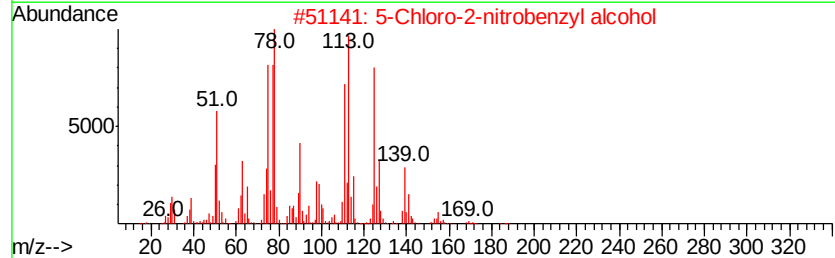
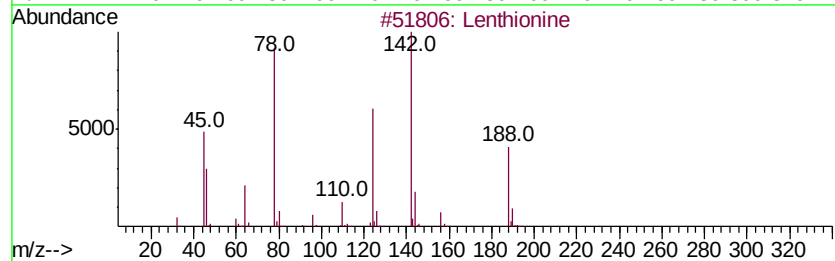
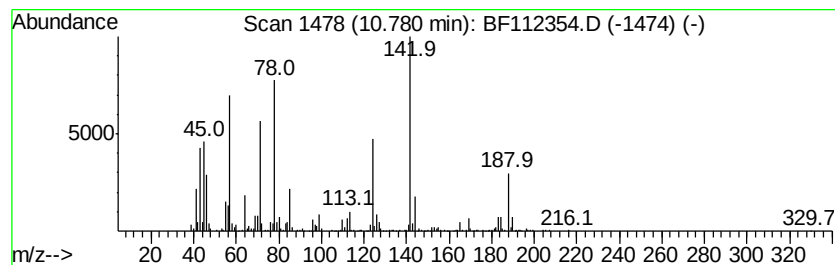
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Lenthionine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	8.76 ng	613774	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Lenthionine	188 C2H4S5	000292-46-6	93
2	5-Chloro-2-nitrobenzyl alcohol	187 C7H6ClNO3	073033-58-6	43
3	1,2,4,6-Tetrathiepane	170 C3H6S4	000292-45-5	42
4	Hexathiepane	206 CH2S6	017233-71-5	33
5	Ehylthiophosphonamide, o-methyl ...	139 C3H10NOPS	1000306-03-7	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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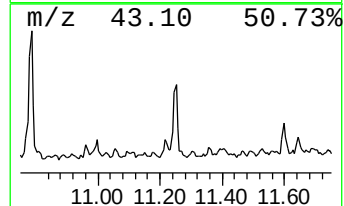
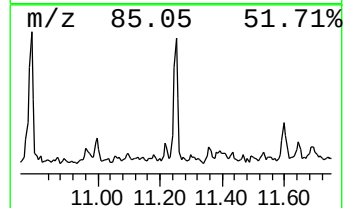
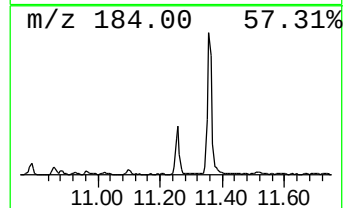
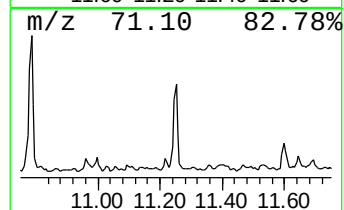
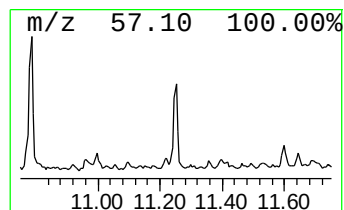
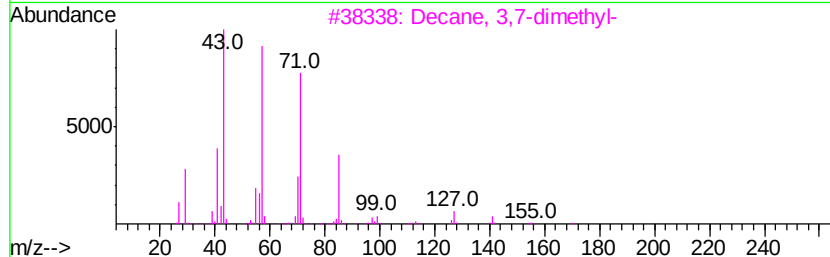
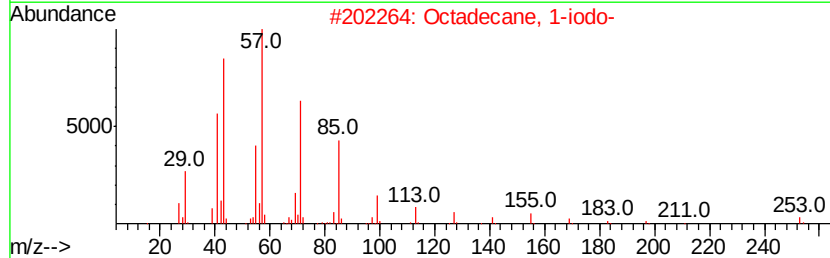
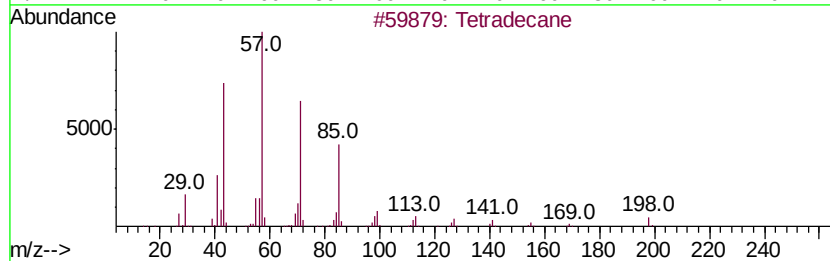
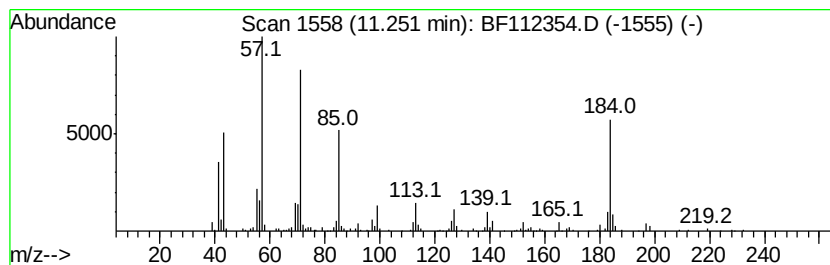
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.25	4.11 ng	287725	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Decane, 3-methyl-	156	C11H24	013151-34-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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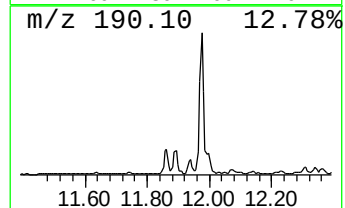
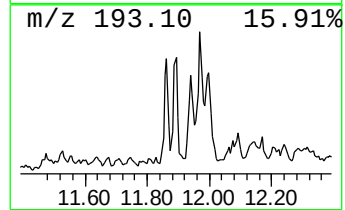
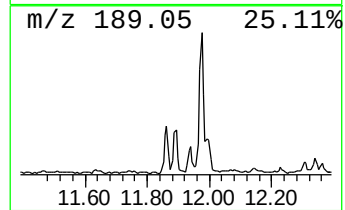
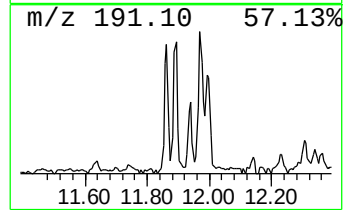
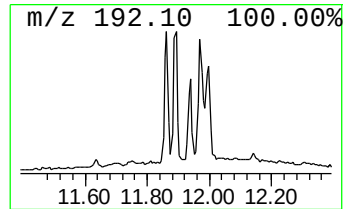
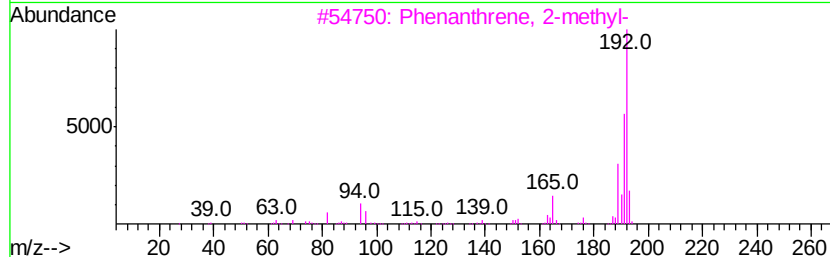
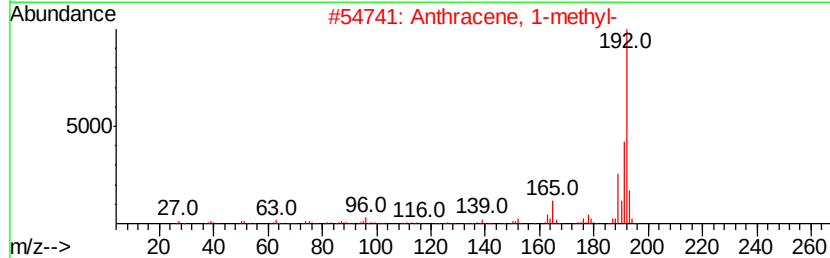
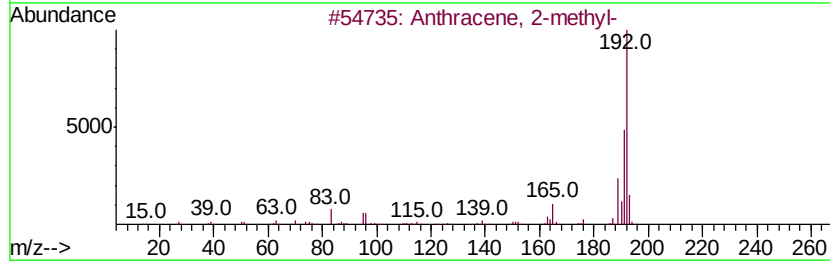
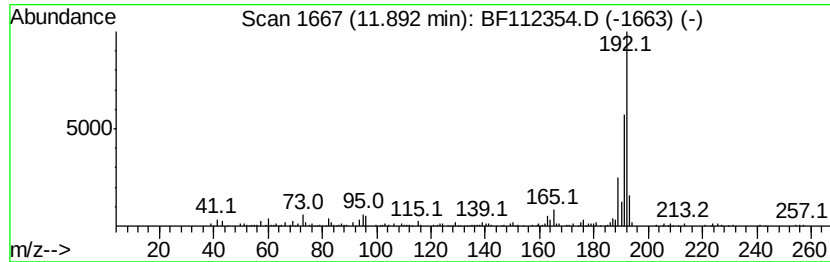
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.23 ng	296785	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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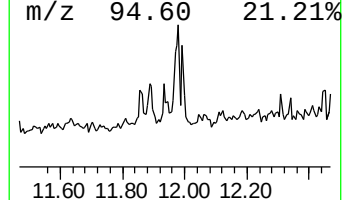
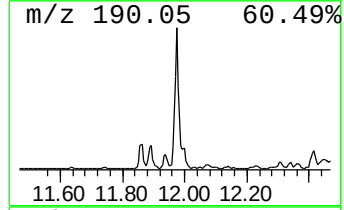
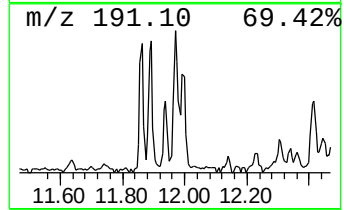
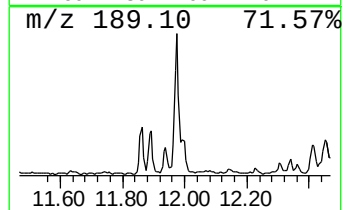
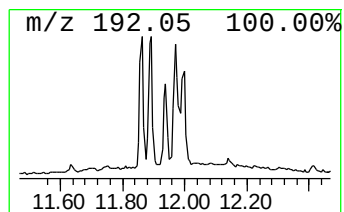
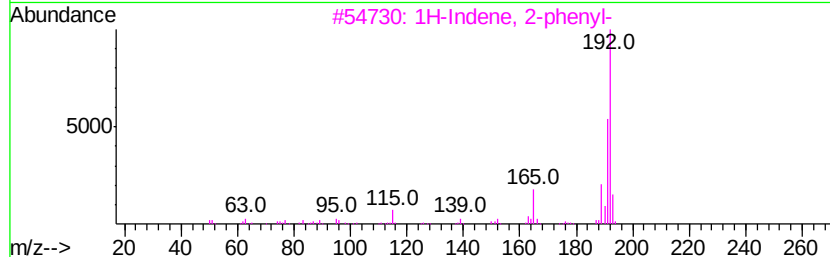
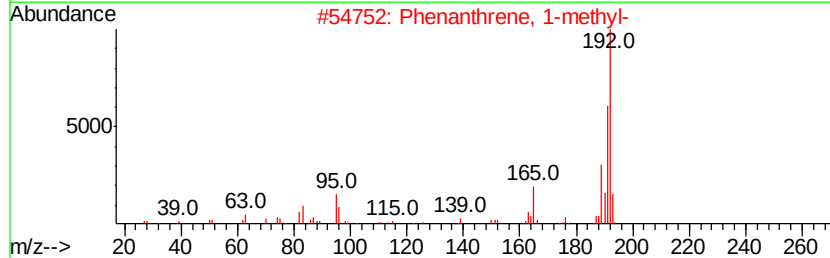
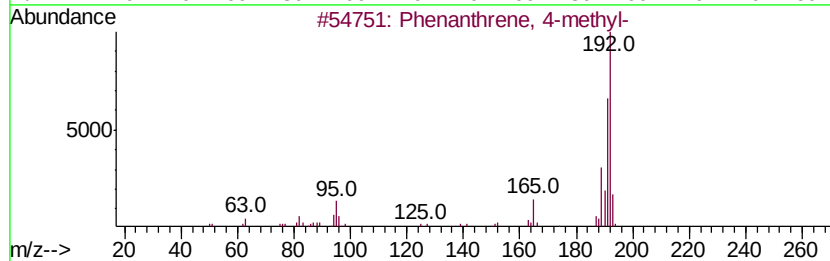
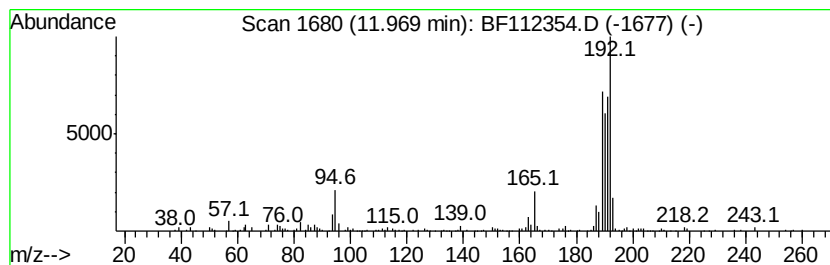
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	4.60 ng	322199	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
4	1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	55
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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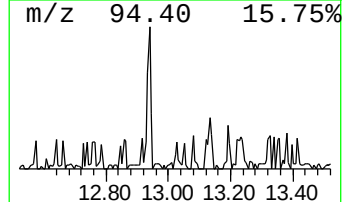
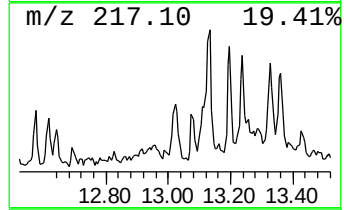
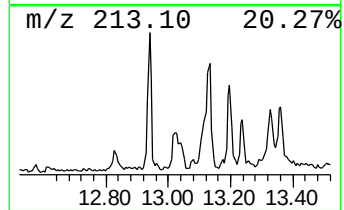
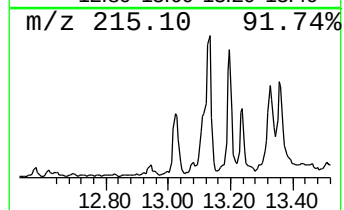
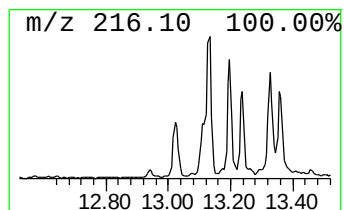
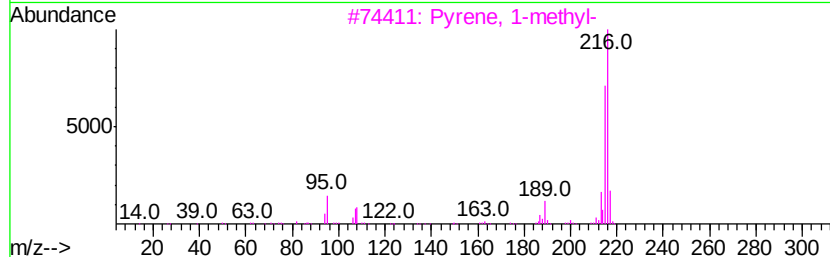
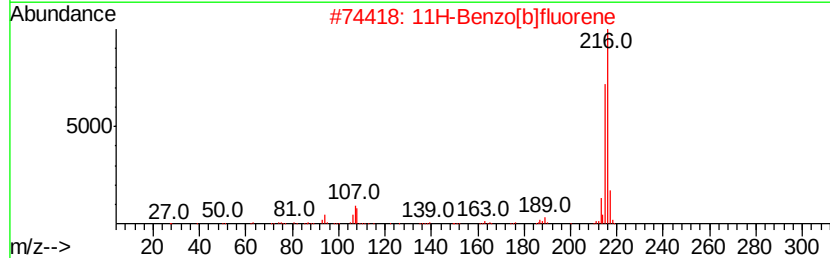
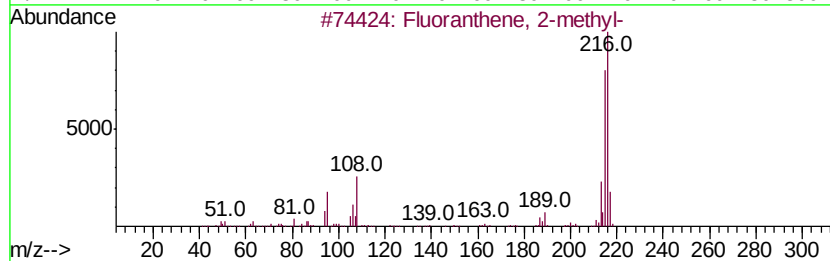
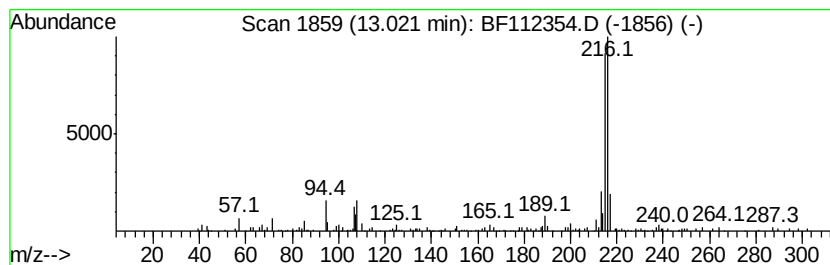
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.81 ng	179885	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

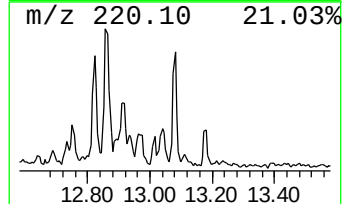
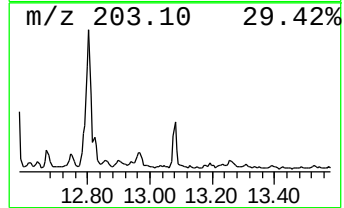
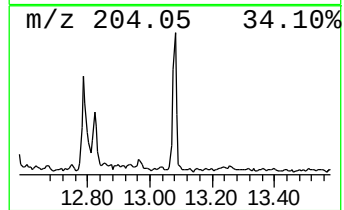
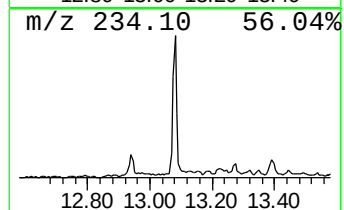
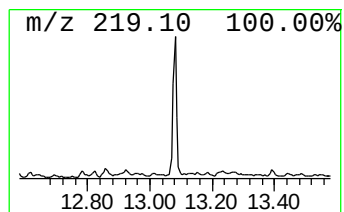
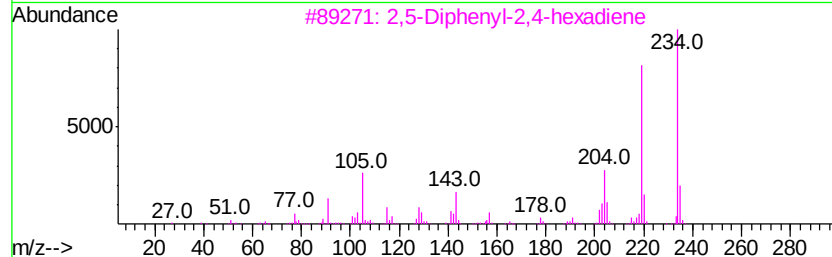
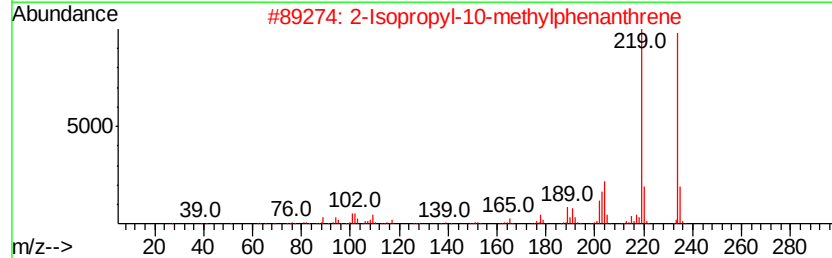
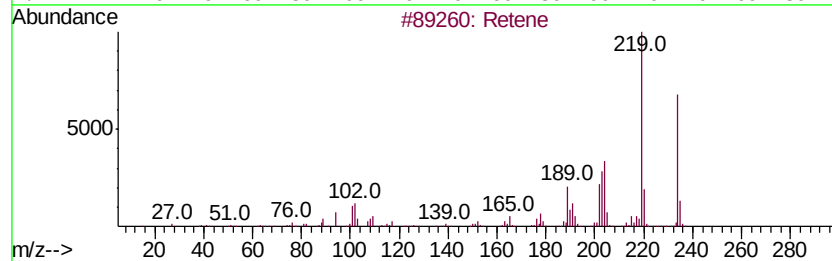
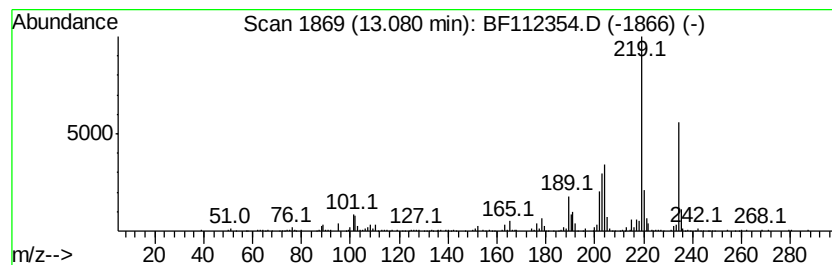
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Retene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.08	3.64 ng	233211	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene		234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene		234	C18H18	066552-97-4	93
3	2,5-Diphenyl-2,4-hexadiene		234	C18H18	016819-47-9	68
4	1-(10-Methylantracen-9-yl)ethanone		234	C17H14O	036778-18-4	58
5	Phenanthrene, 3,4,5,6-tetramethyl-		234	C18H18	007343-06-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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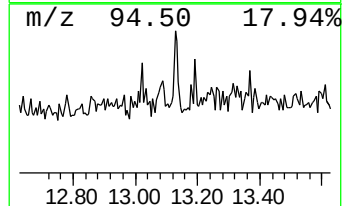
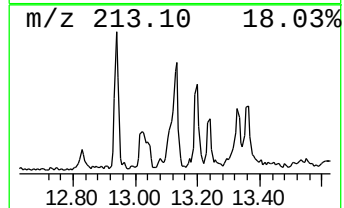
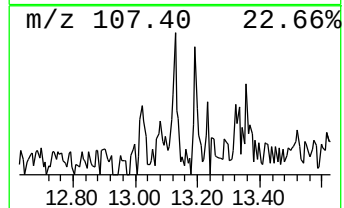
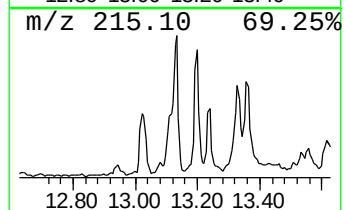
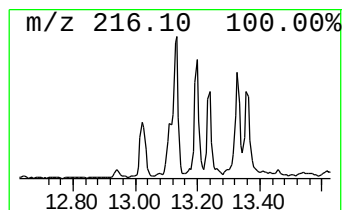
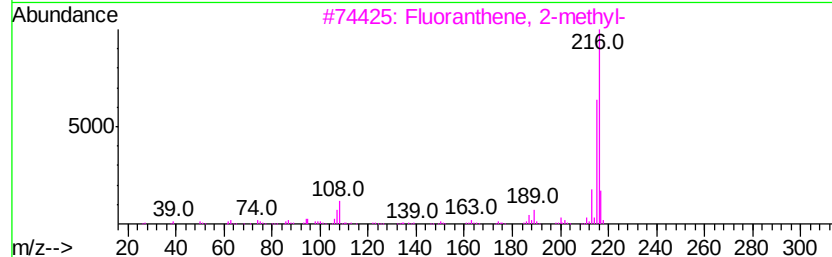
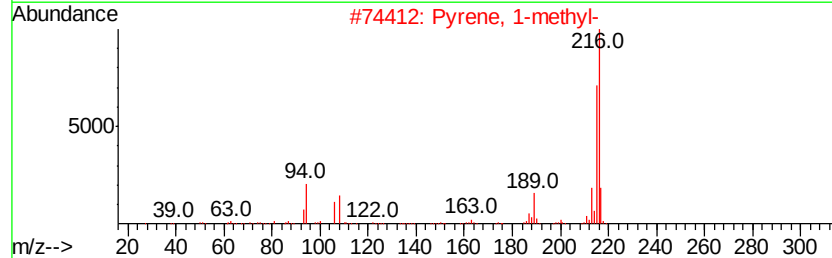
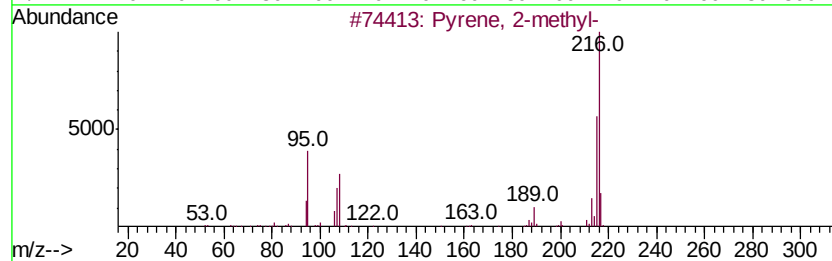
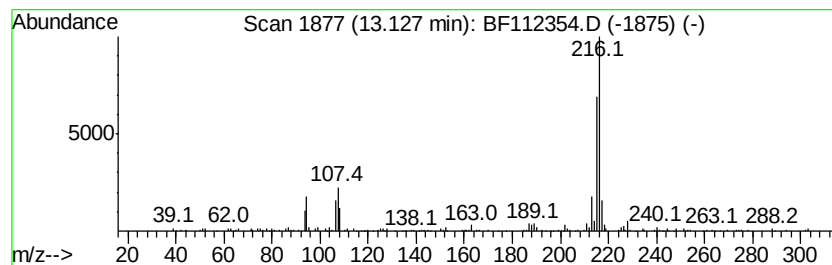
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.96 ng	189624	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
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Instrument :
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ClientSampleId :
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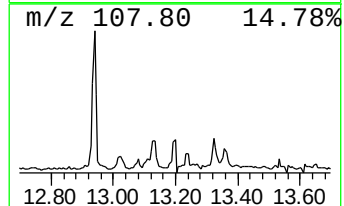
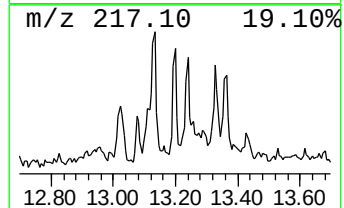
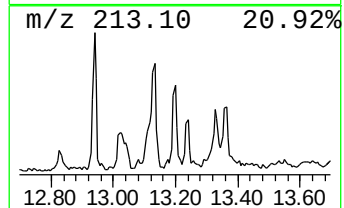
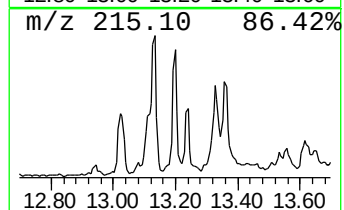
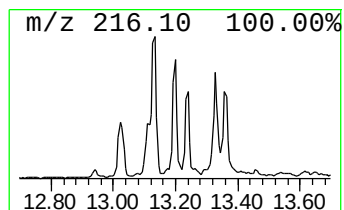
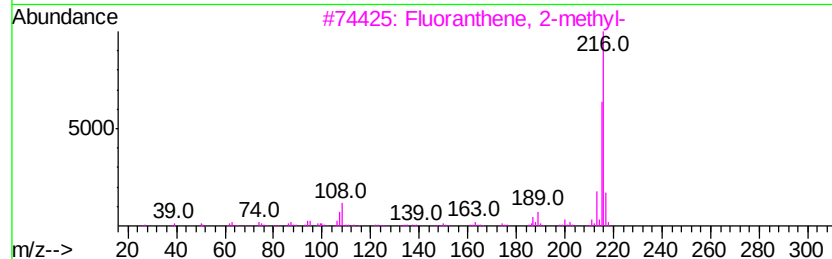
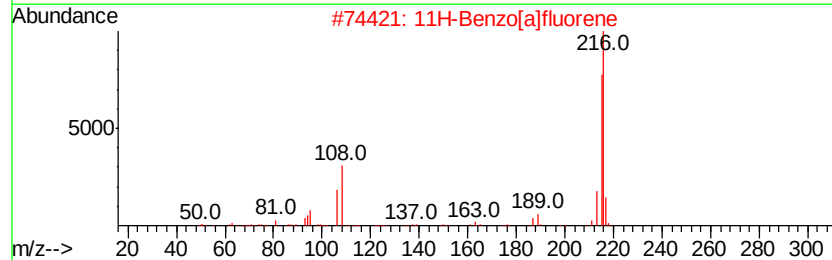
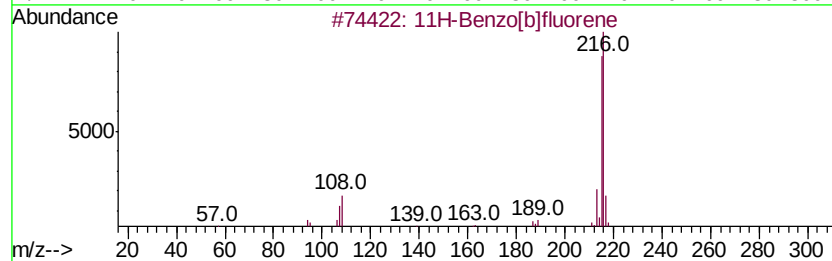
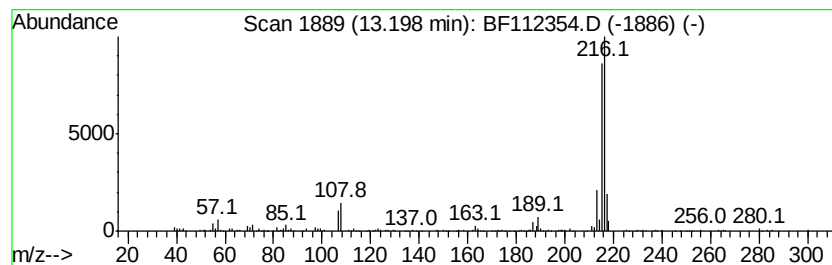
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.81 ng	179967	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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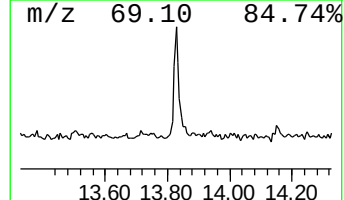
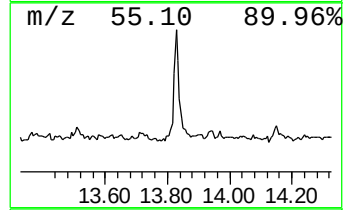
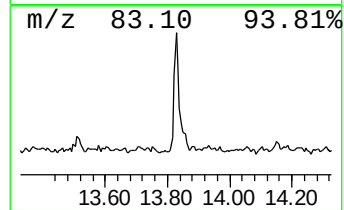
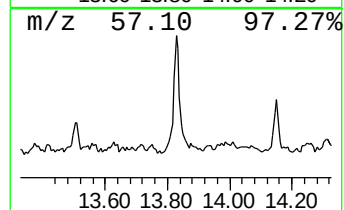
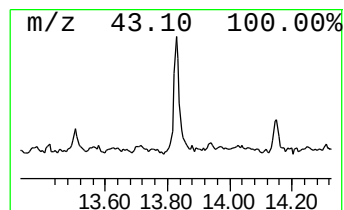
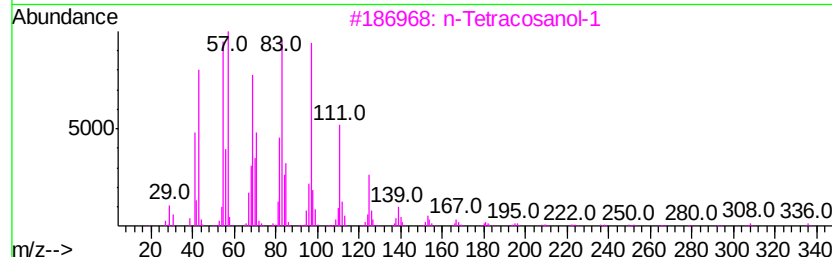
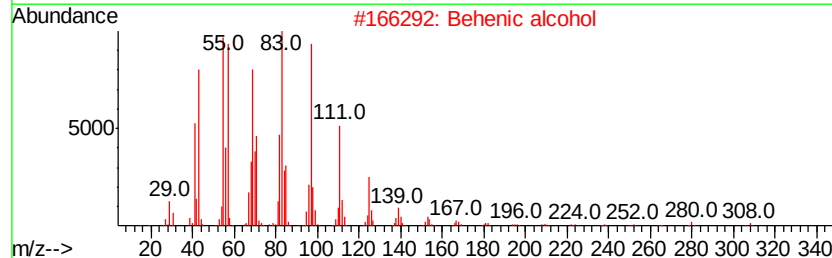
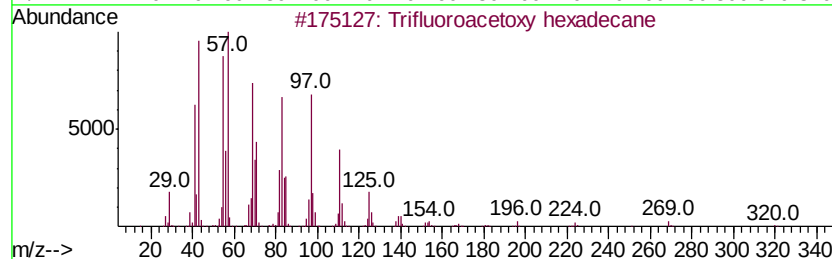
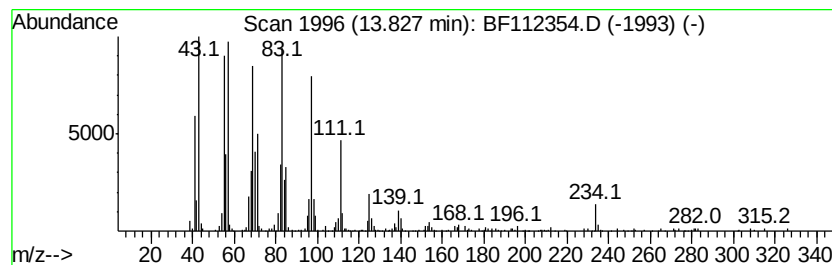
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.91 ng	506983	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
5		1-Heptacosanol	396	C27H56O	002004-39-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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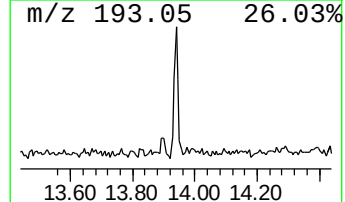
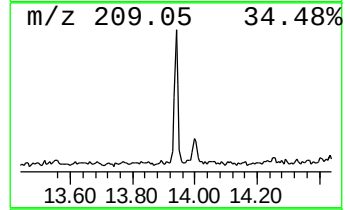
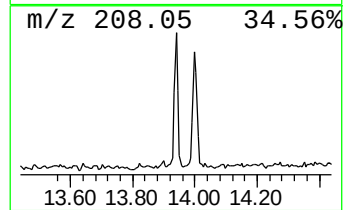
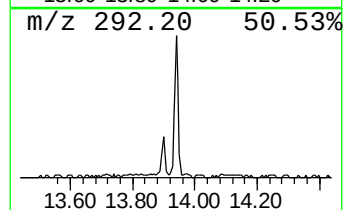
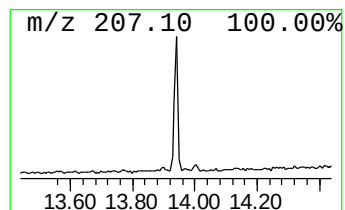
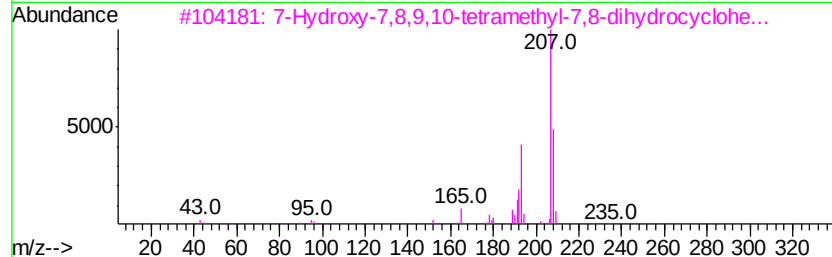
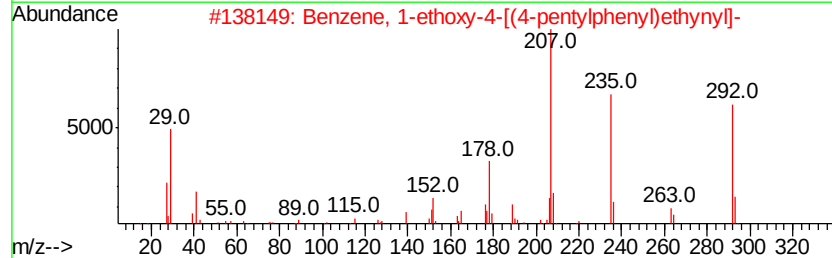
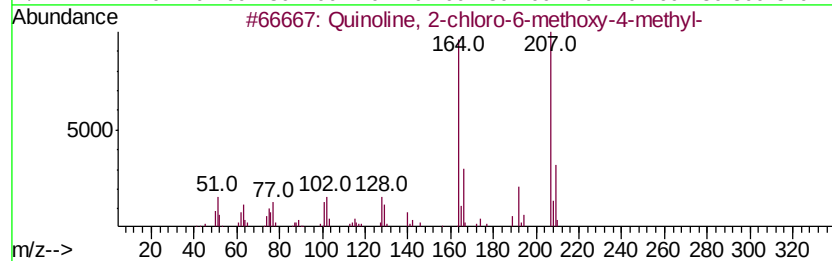
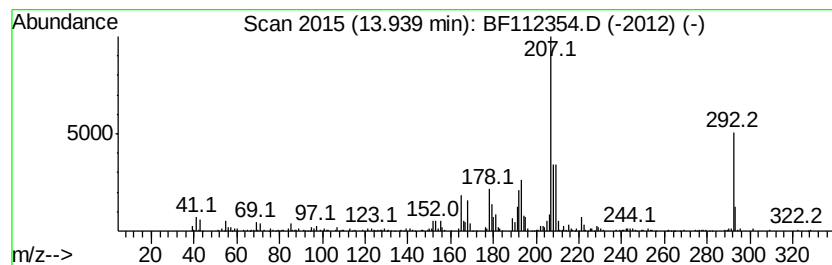
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.26 ng	209146	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 2-chloro-6-methoxy-4-...	207	C11H10ClNO	006340-55-2	43
2			Benzene, 1-ethoxy-4-[(4-pentylph...	292	C21H24O	095480-29-8	43
3			7-Hydroxy-7,8,9,10-tetramethyl-7...	252	C18H20O	1000110-34-9	38
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	35
5			1,4-Naphthalenedione, 2-amino-3-...	207	C10H6ClNO2	002797-51-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
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ALS Vial : 8 Sample Multiplier: 1

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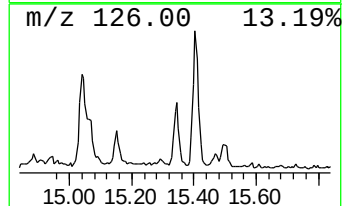
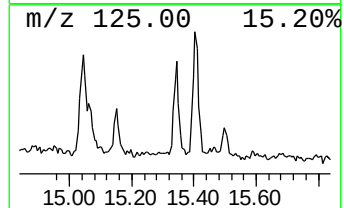
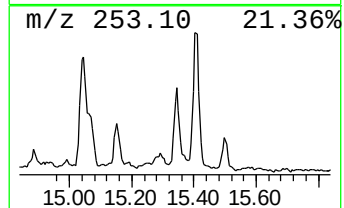
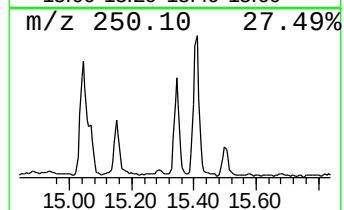
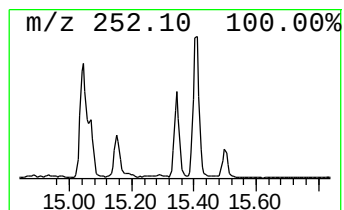
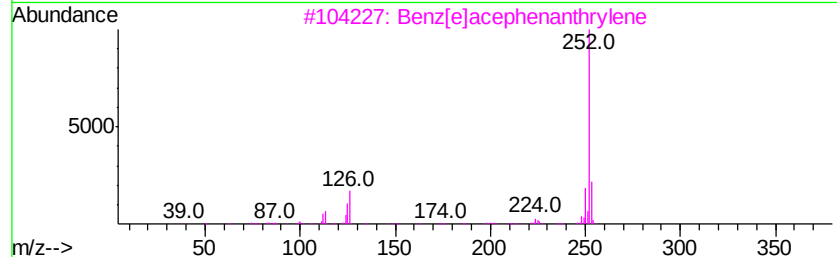
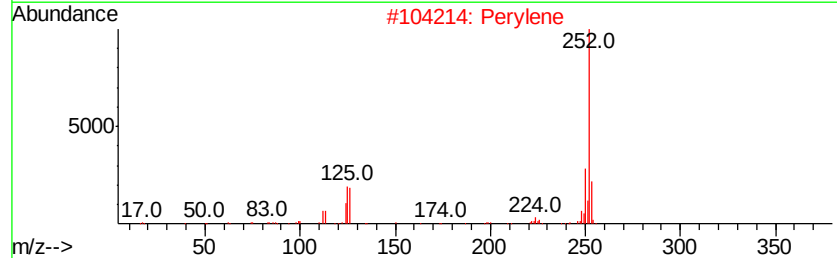
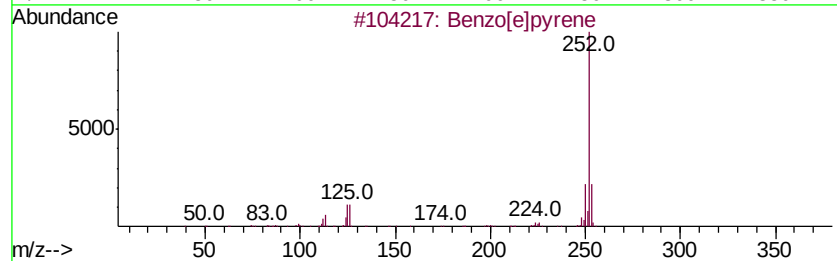
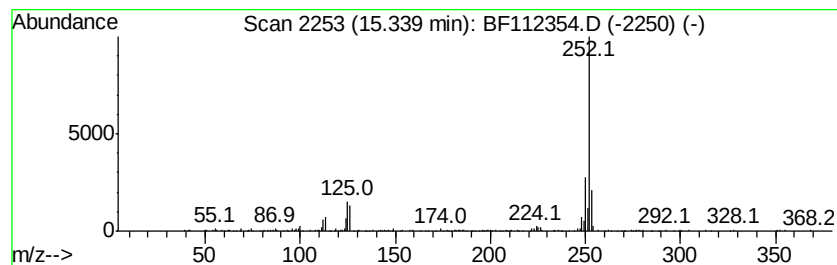
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.45 ng	284901	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
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Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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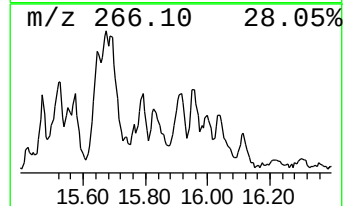
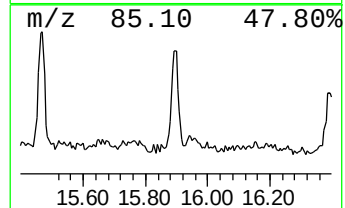
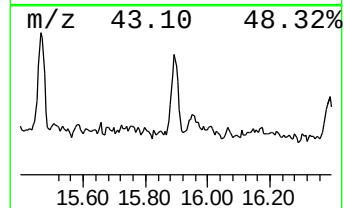
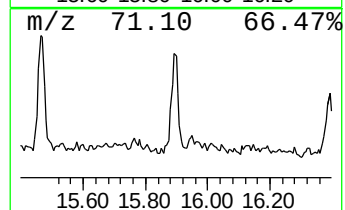
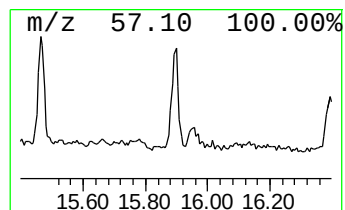
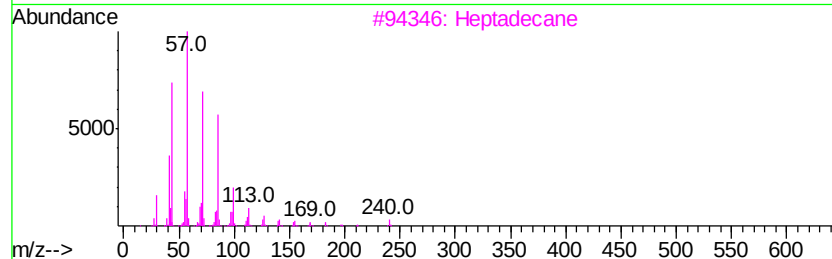
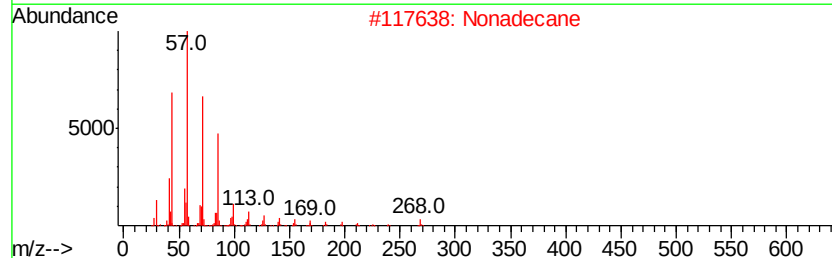
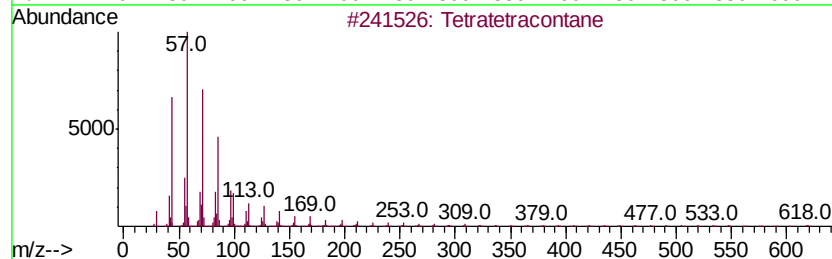
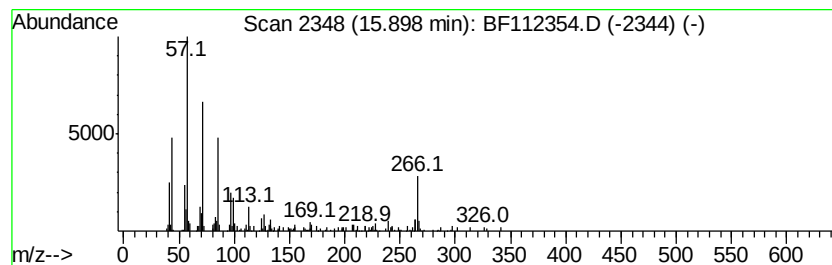
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetratetracontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.87 ng	149896	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	64
2			Nonadecane	268	C19H40	000629-92-5	58
3			Heptadecane	240	C17H36	000629-78-7	58
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112354.D
Acq On : 1 Feb 2019 16:30
Operator : JU/SJ
Sample : K1299-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

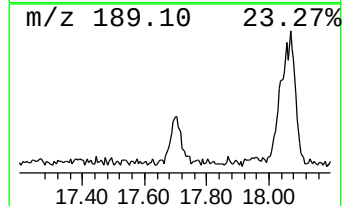
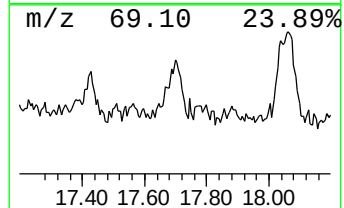
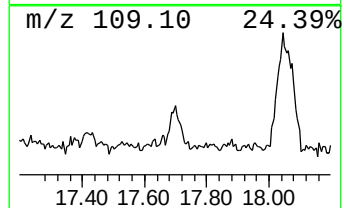
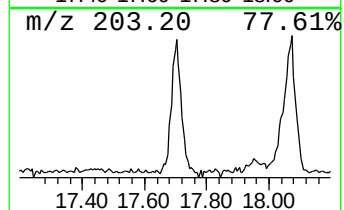
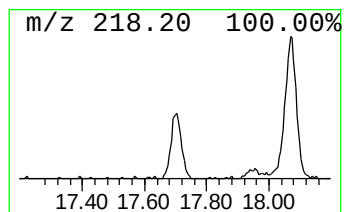
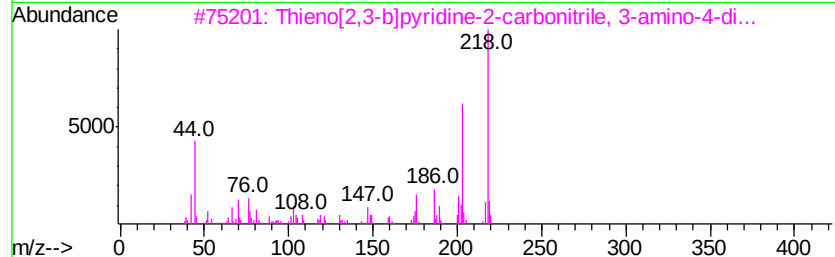
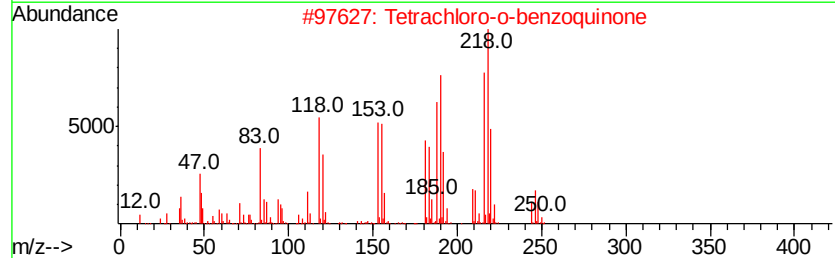
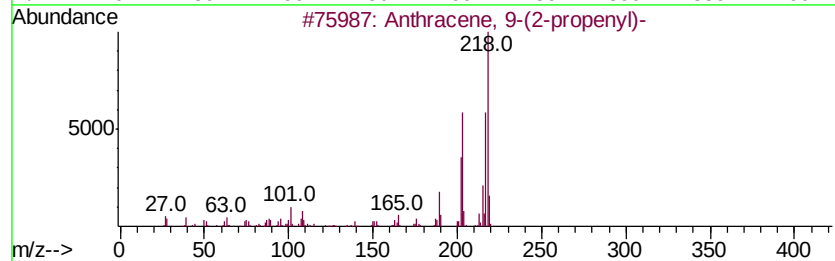
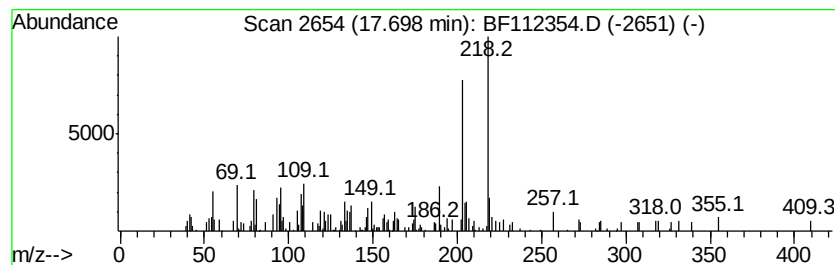
Instrument :
BNA_F
ClientSampleId :
0038-AMND-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 9-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.70	3.99 ng	208869	Perylene-d12	15.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	62
2	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	60
3	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	58
4	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	50
5	Quinolin-8-amine, 5,6-dimethoxy-...	218	C12H14N2O2	064992-95-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112354.D
 Acq On : 1 Feb 2019 16:30
 Operator : JU/SJ
 Sample : K1299-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0038-AMND-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Butane, 2-methoxy...	2.12	3.2	ng	149387	1	6.84	934797	20.0
2-Pentanone, 4-hy...	5.05	8.6	ng	402147	1	6.84	934797	20.0
unknown6.62	6.62	70.5	ng	3293380	1	6.84	934797	20.0
Naphthalene, 2,3-...	9.53	2.7	ng	188331	3	9.87	1402920	20.0
Hexacosane	10.52	3.3	ng	233237	3	9.87	1402920	20.0
Lenthionine	10.78	8.8	ng	613774	4	11.36	1401700	20.0
Tetradecane	11.25	4.1	ng	287725	4	11.36	1401700	20.0
Anthracene, 2-met...	11.89	4.2	ng	296785	4	11.36	1401700	20.0
Phenanthrene, 4-m...	11.97	4.6	ng	322199	4	11.36	1401700	20.0
Fluoranthene, 2-m...	13.02	2.8	ng	179885	5	14.00	1281820	20.0
Retene	13.08	3.6	ng	233211	5	14.00	1281820	20.0
Pyrene, 2-methyl-	13.13	3.0	ng	189624	5	14.00	1281820	20.0
11H-Benzo[b]fluorene	13.20	2.8	ng	179967	5	14.00	1281820	20.0
Trifluoroacetoxy ...	13.83	7.9	ng	506983	5	14.00	1281820	20.0
unknown13.94	13.94	3.3	ng	209146	5	14.00	1281820	20.0
Benzo[e]pyrene	15.34	5.5	ng	284901	6	15.47	1046080	20.0
Tetratetracontane	15.90	2.9	ng	149896	6	15.47	1046080	20.0
Anthracene, 9-(2-...	17.70	4.0	ng	208869	6	15.47	1046080	20.0
4,4,6a,6b,8a,11,1...	18.06	20.1	ng	1049360	6	15.47	1046080	20.0