

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102919\
 Data File : BF117590.D
 Acq On : 29 Oct 2019 14:57
 Operator : JU
 Sample : K5564-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-1-2

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-BF101819.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	4.928	478	483	497	rBV	127940	193556	19.57%	1.363%
2	5.357	553	556	575	rBV	739091	886197	89.62%	6.238%
3	6.387	727	731	747	rBV	810215	960020	97.08%	6.758%
4	6.504	747	751	757	rVV	1106682	988861	100.00%	6.961%
5	6.728	786	789	796	rBV	247074	229072	23.17%	1.613%
6	6.881	812	815	832	rVB	807358	765679	77.43%	5.390%
7	7.292	882	885	901	rBV	499871	594117	60.08%	4.182%
8	8.010	1001	1007	1015	rBV	260628	300624	30.40%	2.116%
9	8.069	1015	1017	1023	rVB2	14838	16623	1.68%	0.117%
10	8.428	1075	1078	1082	rBV	19507	17724	1.79%	0.125%
11	9.081	1185	1189	1200	rBV	1096206	978846	98.99%	6.891%
12	9.163	1200	1203	1206	rBV	17481	14827	1.50%	0.104%
13	9.422	1244	1247	1250	rBV	20181	22680	2.29%	0.160%
14	9.480	1254	1257	1265	rVV	166185	167065	16.89%	1.176%
15	9.622	1279	1281	1286	rBV	30344	29598	2.99%	0.208%
16	9.692	1290	1293	1297	rVB	18443	16434	1.66%	0.116%
17	9.757	1301	1304	1308	rVV	276293	276719	27.98%	1.948%
18	9.792	1308	1310	1320	rVB2	26242	27964	2.83%	0.197%
19	9.969	1334	1340	1344	rBV2	21185	28939	2.93%	0.204%
20	10.010	1344	1347	1351	rVB2	15733	15190	1.54%	0.107%
21	10.169	1369	1374	1376	rBV3	9307	13697	1.39%	0.096%
22	10.186	1376	1377	1380	rVB	21722	16562	1.67%	0.117%
23	10.310	1395	1398	1405	rBV4	27961	33915	3.43%	0.239%
24	10.469	1421	1425	1428	rVB2	15961	17541	1.77%	0.123%
25	10.557	1436	1440	1451	rVB	380310	422511	42.73%	2.974%
26	10.663	1454	1458	1459	rBV	21776	22170	2.24%	0.156%
27	10.986	1508	1513	1515	rBV4	15844	19989	2.02%	0.141%
28	11.004	1515	1516	1522	rVV2	16238	20807	2.10%	0.146%
29	11.063	1522	1526	1530	rVV2	29615	39059	3.95%	0.275%
30	11.104	1530	1533	1537	rVV3	31892	40774	4.12%	0.287%
31	11.145	1537	1540	1545	rVB	26740	29905	3.02%	0.211%
32	11.245	1554	1557	1559	rBV	240843	228075	23.06%	1.606%
33	11.275	1559	1562	1567	rVV	447361	437642	44.26%	3.081%
34	11.327	1567	1571	1574	rVV	79425	74181	7.50%	0.522%

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35	11.492	1594	1599	1603	rBV3	23469	31412	3.18%	0.221%
36	11.533	1603	1606	1609	rVV3	28390	25825	2.61%	0.182%
37	11.580	1609	1614	1615	rVV4	14150	15187	1.54%	0.107%
38	11.657	1624	1627	1633	rBV4	9846	13976	1.41%	0.098%
39	11.751	1640	1643	1645	rBV	94996	84865	8.58%	0.597%
40	11.780	1645	1648	1653	rVV	148709	144910	14.65%	1.020%
41	11.827	1653	1656	1659	rVV	33862	31968	3.23%	0.225%
42	11.863	1659	1662	1664	rVV2	101310	112069	11.33%	0.789%
43	11.886	1664	1666	1671	rVB	62876	57889	5.85%	0.408%
44	11.939	1671	1675	1678	rBV2	22186	24514	2.48%	0.173%
45	12.045	1690	1693	1698	rBV	52958	54495	5.51%	0.384%
46	12.086	1698	1700	1703	rBV3	47247	41961	4.24%	0.295%
47	12.192	1713	1718	1721	rBV	28307	33829	3.42%	0.238%
48	12.227	1721	1724	1726	rVV	32144	29714	3.00%	0.209%
49	12.251	1726	1728	1731	rVB	20809	17539	1.77%	0.123%
50	12.298	1733	1736	1739	rVV	78538	79295	8.02%	0.558%
51	12.333	1739	1742	1745	rVV3	43066	63063	6.38%	0.444%
52	12.398	1748	1753	1759	rVB2	48613	71513	7.23%	0.503%
53	12.463	1761	1764	1769	rVV	582773	515290	52.11%	3.627%
54	12.504	1769	1771	1773	rVV	20558	18585	1.88%	0.131%
55	12.527	1773	1775	1778	rVB2	19543	18394	1.86%	0.129%
56	12.563	1778	1781	1787	rBV3	25944	29321	2.97%	0.206%
57	12.616	1787	1790	1793	rBV2	38538	37267	3.77%	0.262%
58	12.692	1797	1803	1809	rVV	498875	520797	52.67%	3.666%
59	12.745	1809	1812	1816	rVB2	38629	43720	4.42%	0.308%
60	12.827	1819	1826	1830	rBV	870784	797005	80.60%	5.610%
61	12.916	1836	1841	1845	rBV4	45884	81247	8.22%	0.572%
62	13.021	1851	1859	1862	rBV4	53418	94850	9.59%	0.668%
63	13.057	1862	1865	1868	rVV3	19692	18121	1.83%	0.128%
64	13.086	1868	1870	1872	rVV	18662	15045	1.52%	0.106%
65	13.127	1872	1877	1883	rVV2	65494	82057	8.30%	0.578%
66	13.221	1889	1893	1895	rBV	35544	33619	3.40%	0.237%
67	13.251	1895	1898	1904	rVV2	34040	34417	3.48%	0.242%
68	13.398	1920	1923	1925	rBV2	30170	25950	2.62%	0.183%
69	13.539	1944	1947	1953	rVB	77807	91491	9.25%	0.644%
70	13.592	1953	1956	1960	rVB5	11224	16025	1.62%	0.113%
71	13.645	1960	1965	1967	rBV2	65307	87053	8.80%	0.613%

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72	13.698	1971	1974	1975	rVV	24987	26068	2.64%	0.184%
73	13.727	1975	1979	1981	rVV4	94838	131071	13.25%	0.923%
74	13.751	1981	1983	1989	rVB	107665	120474	12.18%	0.848%
75	13.892	2002	2007	2010	rBV2	369011	568394	57.48%	4.001%
76	13.921	2010	2012	2015	rVB	237026	194809	19.70%	1.371%
77	14.004	2023	2026	2028	rVB2	19825	21188	2.14%	0.149%
78	14.039	2028	2032	2034	rBV	64393	69621	7.04%	0.490%
79	14.133	2046	2048	2050	rVB	21815	16988	1.72%	0.120%
80	14.245	2065	2067	2069	rBV2	17309	16071	1.63%	0.113%
81	14.286	2069	2074	2077	rVV	62869	90963	9.20%	0.640%
82	14.315	2077	2079	2081	rVV	30860	26812	2.71%	0.189%
83	14.345	2081	2084	2089	rVV3	79230	104653	10.58%	0.737%
84	14.410	2093	2095	2101	rVB4	22827	37686	3.81%	0.265%
85	14.627	2127	2132	2133	rBV4	69811	79425	8.03%	0.559%
86	14.645	2133	2135	2137	rVB	80150	65932	6.67%	0.464%
87	14.698	2142	2144	2148	rVB4	17234	20026	2.03%	0.141%
88	14.774	2153	2157	2160	rBV3	30394	38072	3.85%	0.268%
89	14.921	2178	2182	2185	rBV	161206	224458	22.70%	1.580%
90	14.951	2185	2187	2192	rVB2	114960	164576	16.64%	1.159%
91	15.027	2197	2200	2204	rVB	36112	45149	4.57%	0.318%
92	15.215	2228	2232	2237	rVB	80565	98265	9.94%	0.692%
93	15.274	2238	2242	2246	rBV	103046	120614	12.20%	0.849%
94	15.333	2246	2252	2255	rVV2	130662	205828	20.81%	1.449%
95	15.715	2314	2317	2322	rVB	46712	61874	6.26%	0.436%
96	15.874	2342	2344	2349	rBV5	8516	14338	1.45%	0.101%
97	16.180	2393	2396	2403	rVB4	26721	39379	3.98%	0.277%
98	16.751	2485	2493	2500	rBV4	40570	90523	9.15%	0.637%
99	16.904	2513	2519	2520	rBV5	10392	17103	1.73%	0.120%
100	17.180	2561	2566	2574	rVB2	25127	53407	5.40%	0.376%

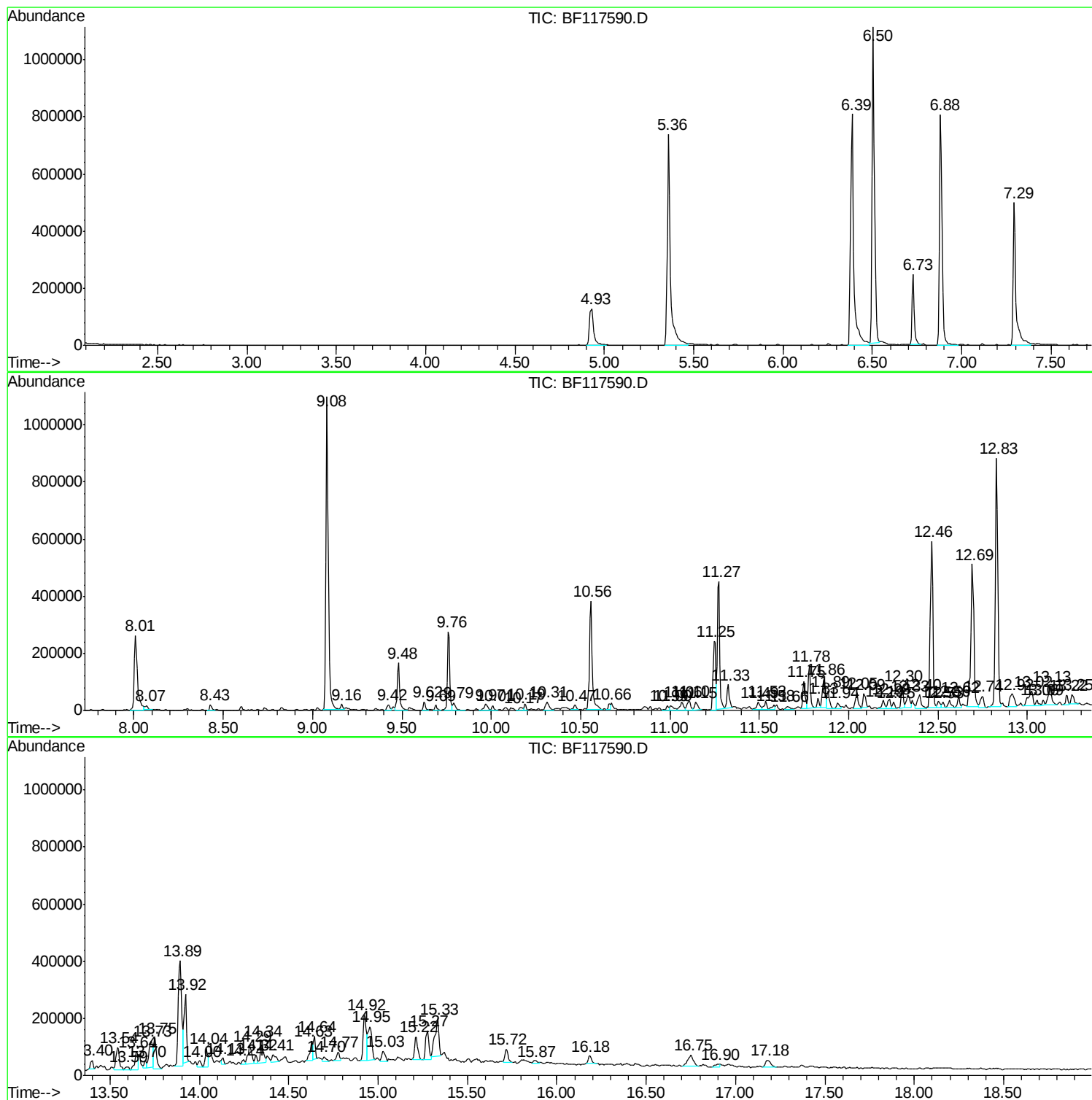
Sum of corrected areas: 14205608

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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.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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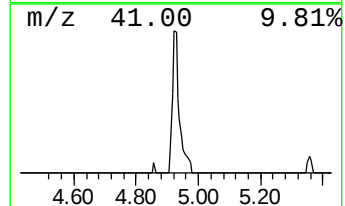
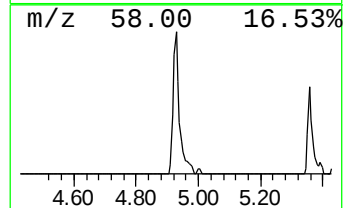
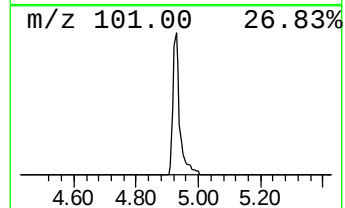
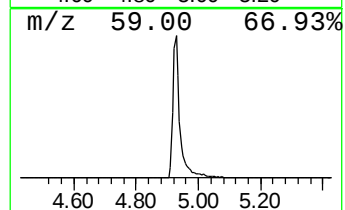
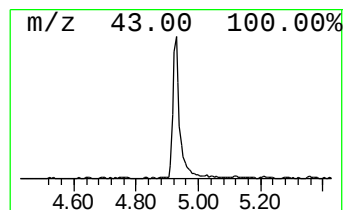
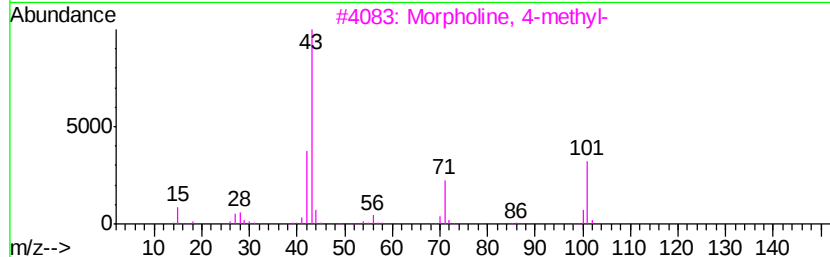
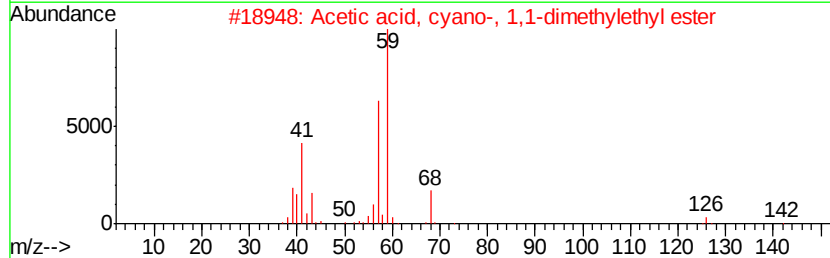
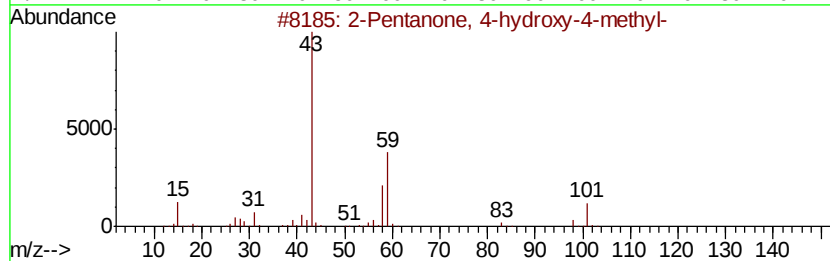
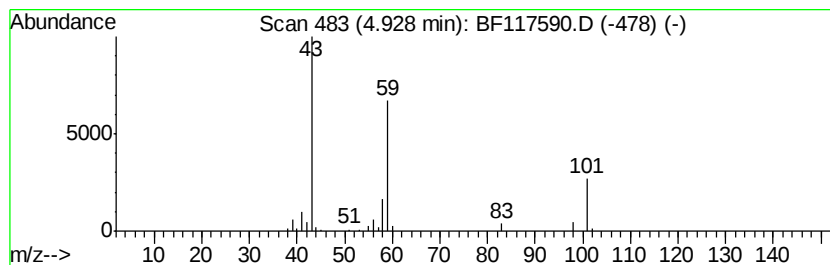
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	16.90 ng	193556	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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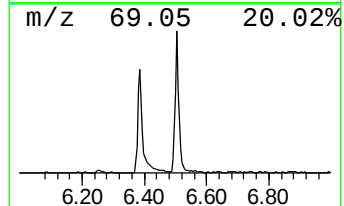
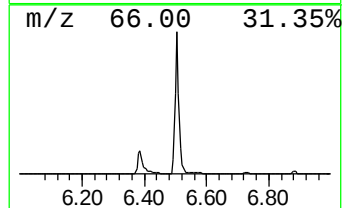
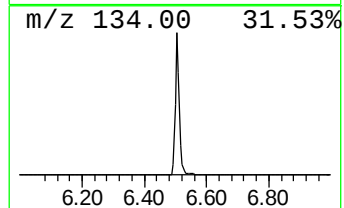
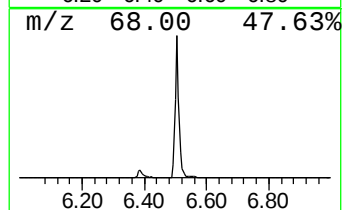
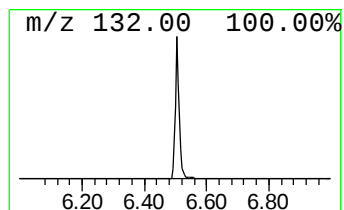
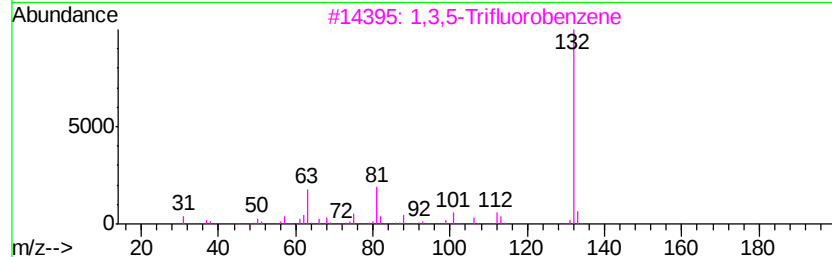
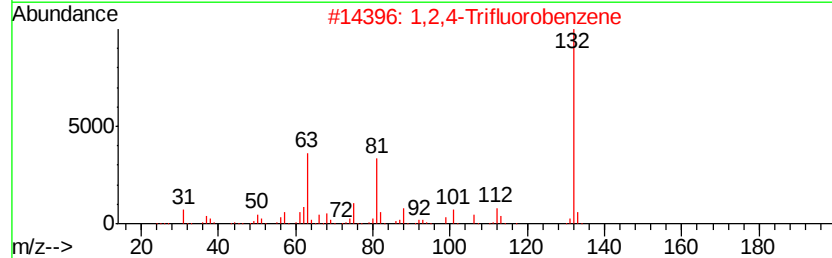
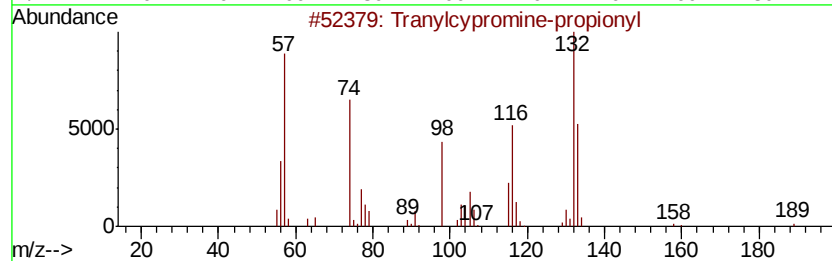
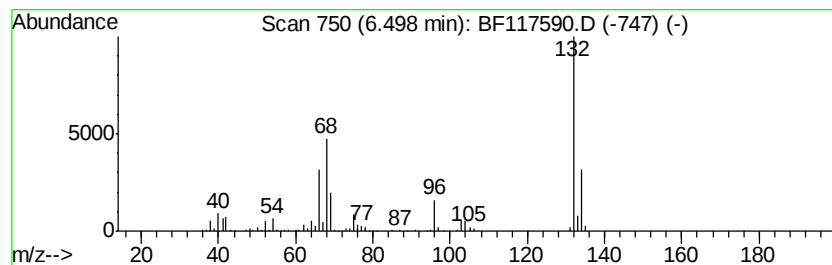
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	86.34 ng	988861	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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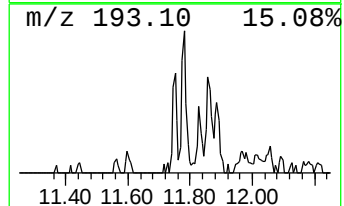
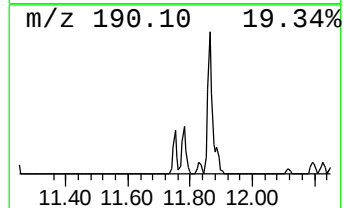
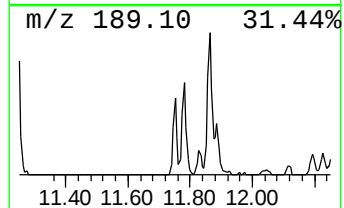
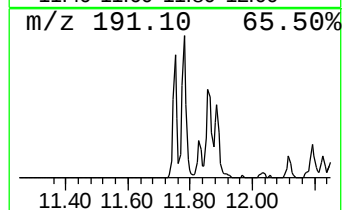
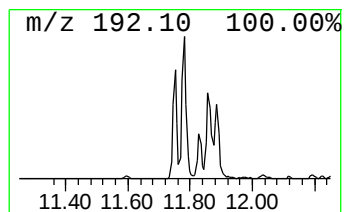
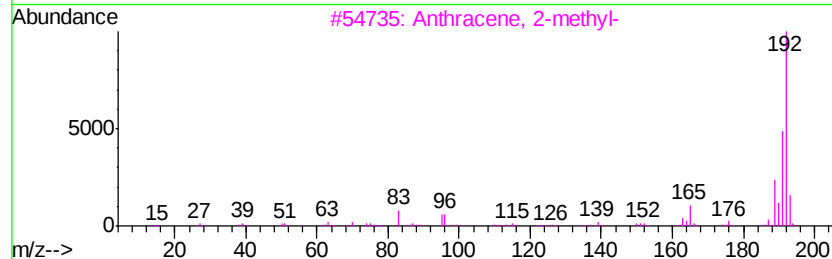
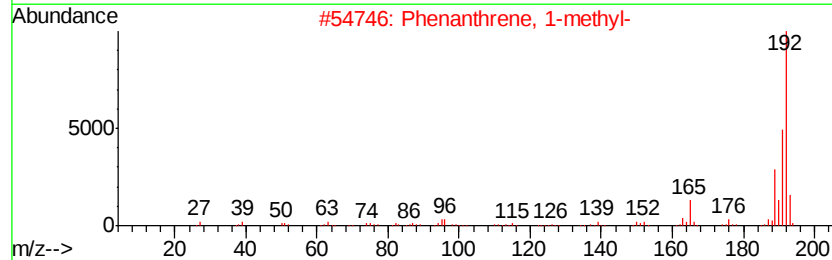
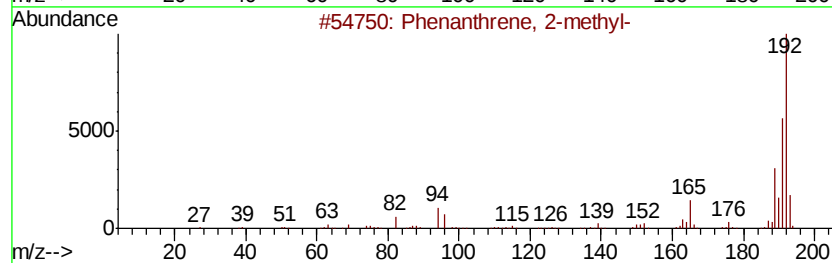
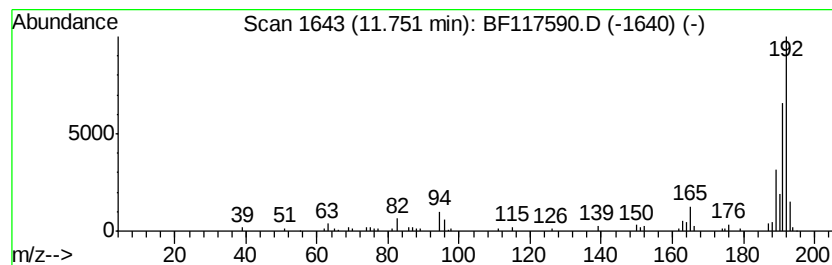
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	7.44 ng	84865	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
Sample : K5564-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

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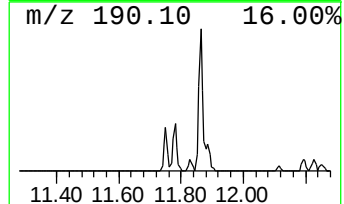
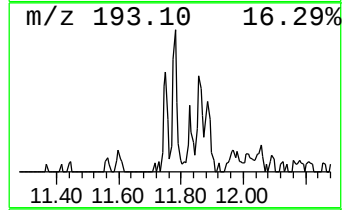
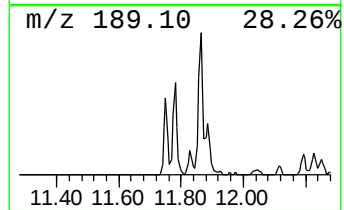
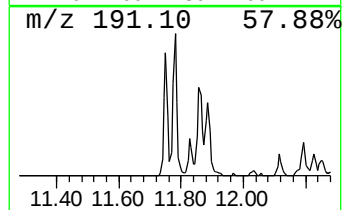
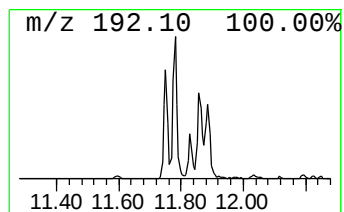
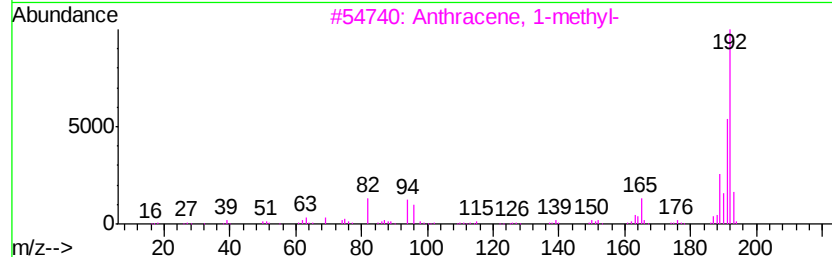
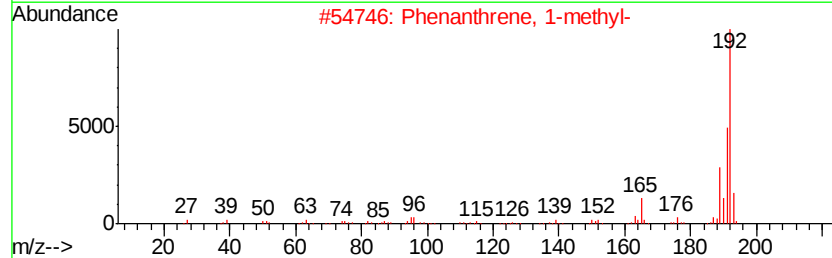
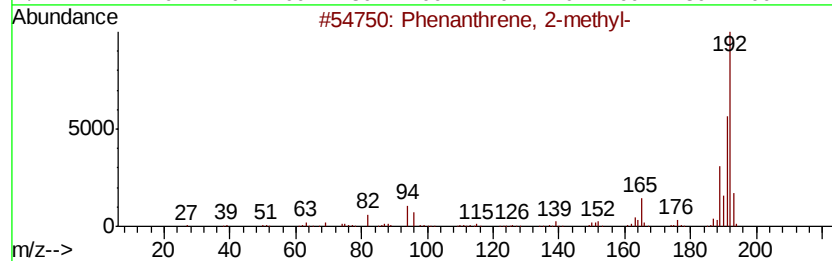
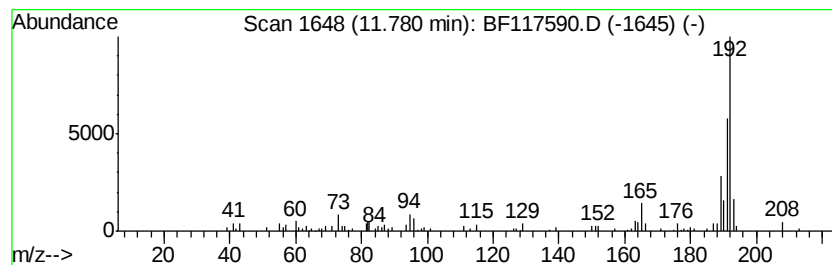
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	12.71 ng	144910	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
Sample : K5564-12
Misc :
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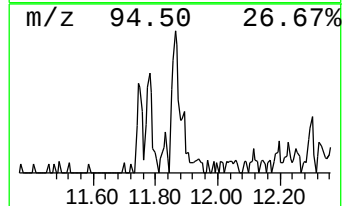
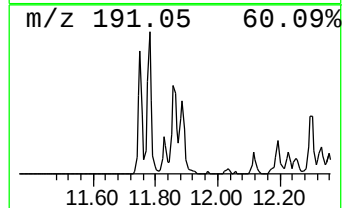
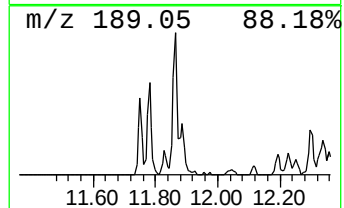
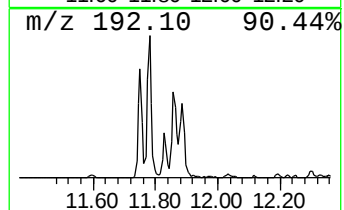
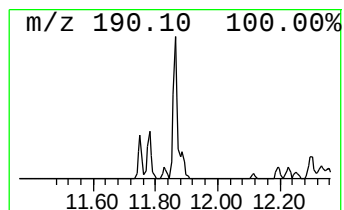
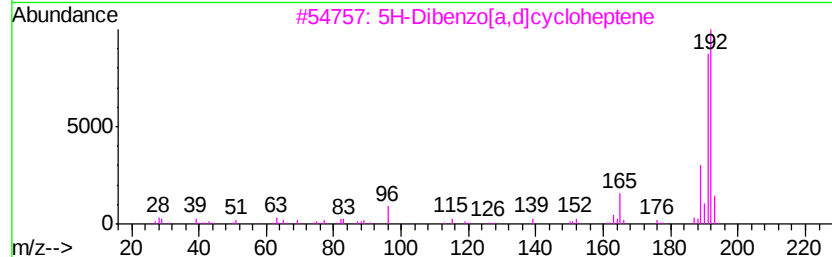
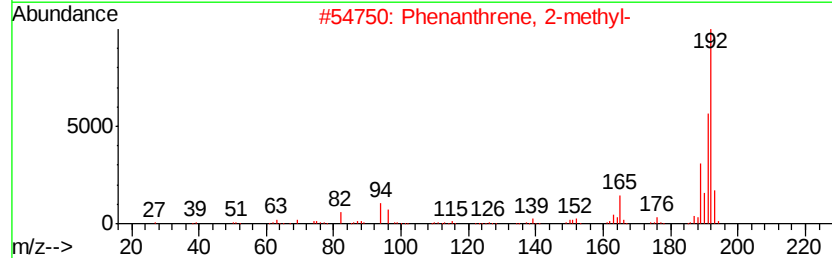
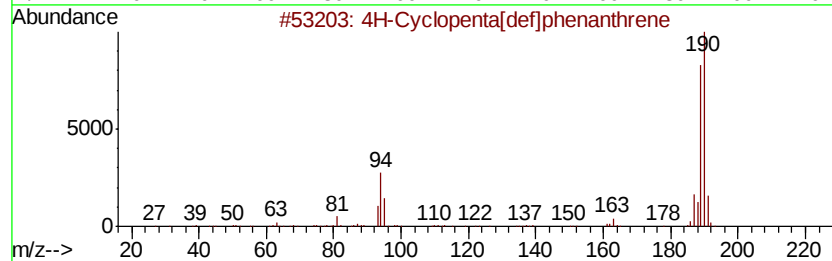
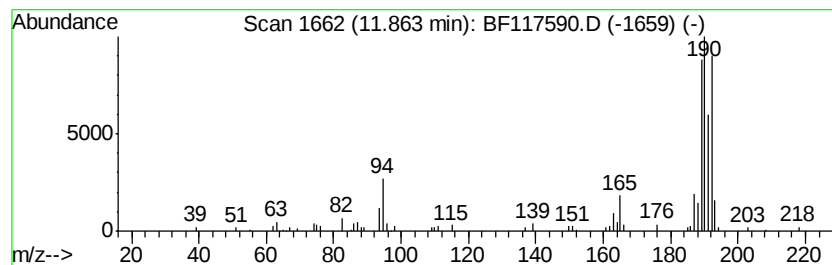
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	9.83 ng	112069	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
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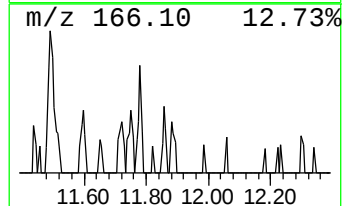
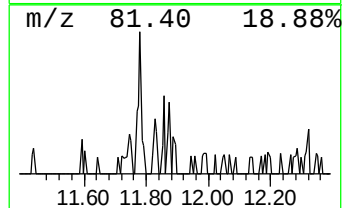
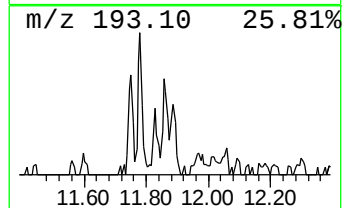
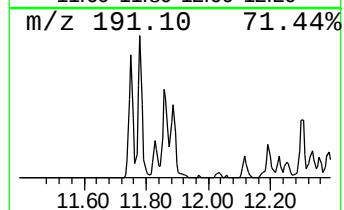
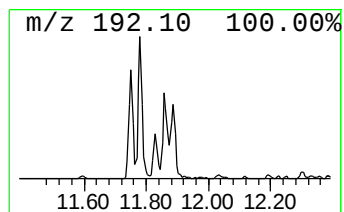
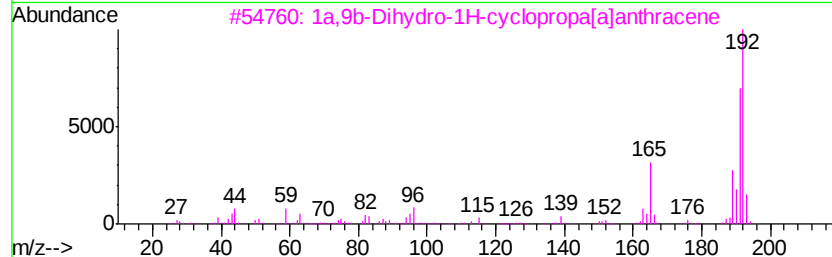
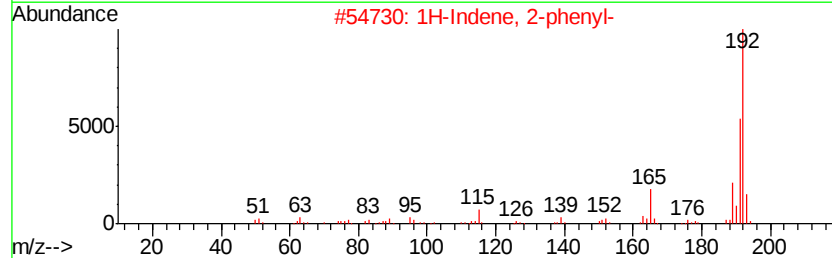
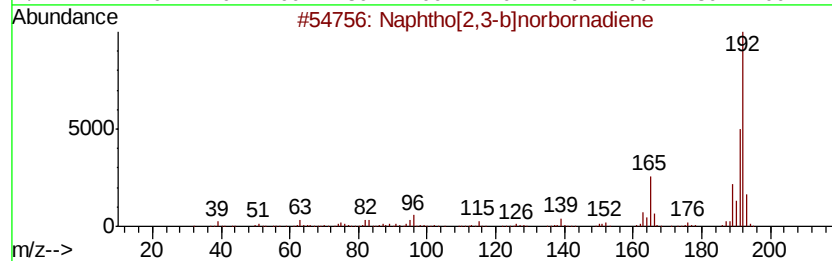
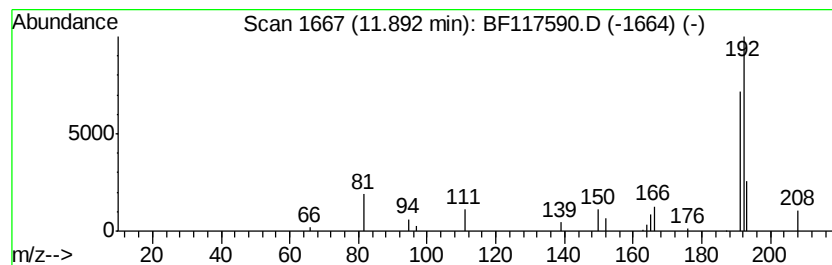
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.08 ng	57889	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3			1a,9b-Dihydro-1H-cyclopropa[an...	192	C15H12	006109-24-6	87
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
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Misc :
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Instrument :
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ClientSampleId :
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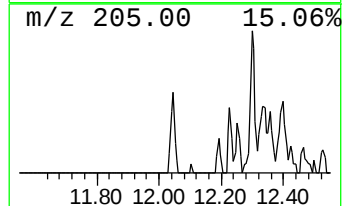
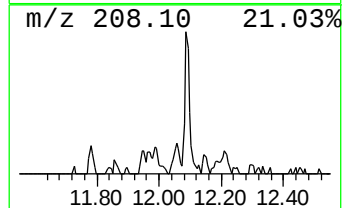
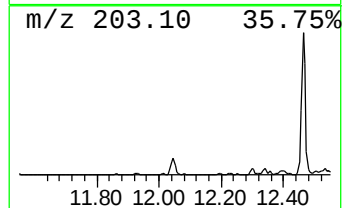
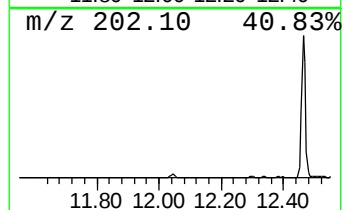
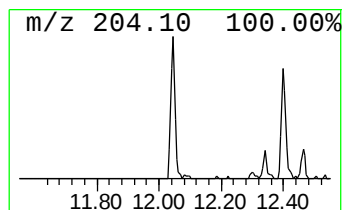
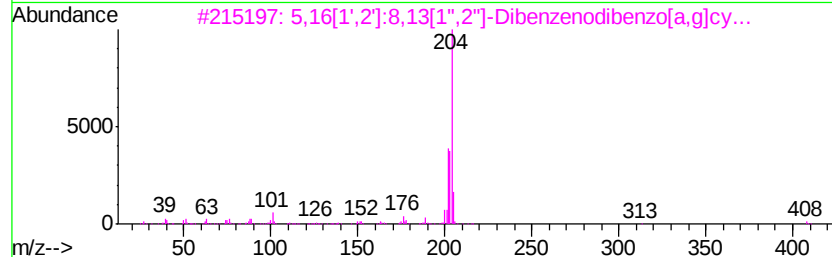
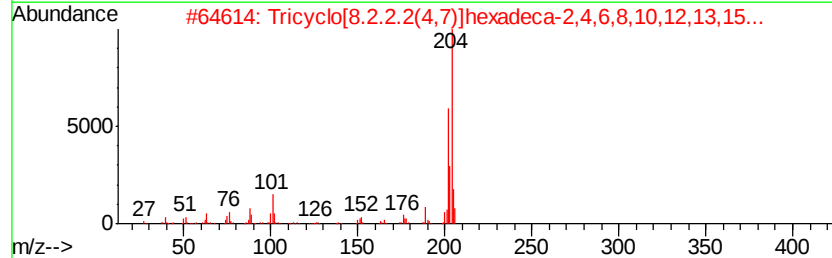
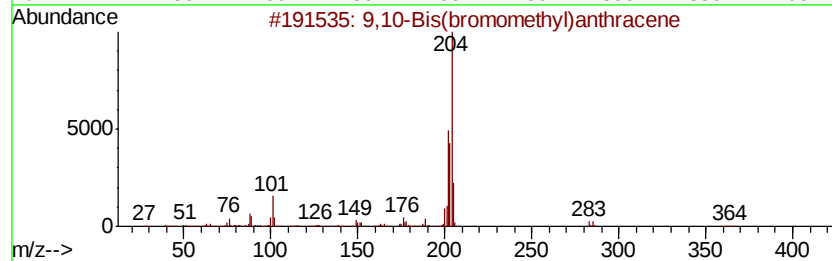
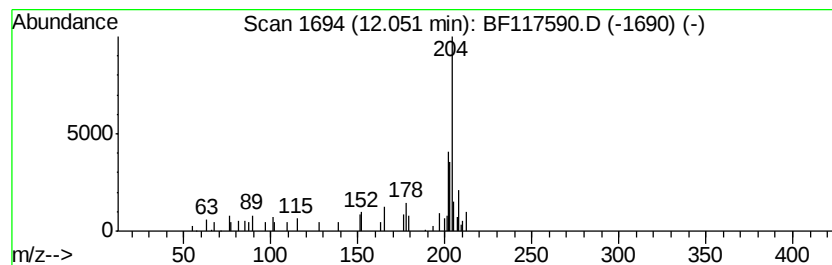
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.78 ng	54495	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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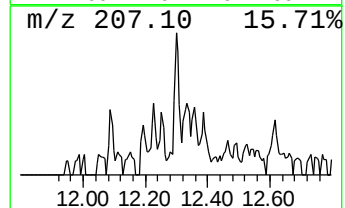
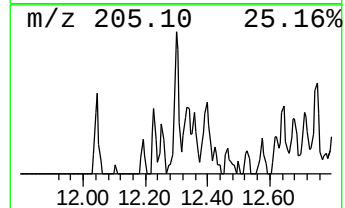
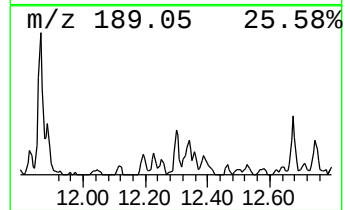
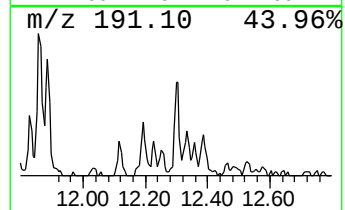
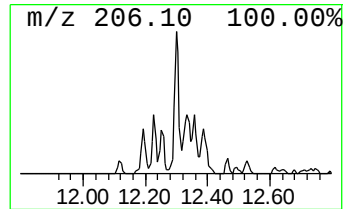
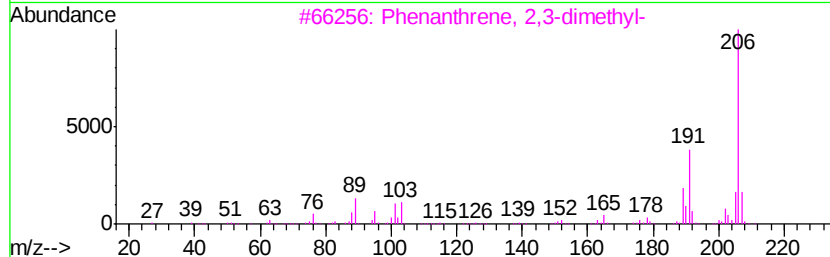
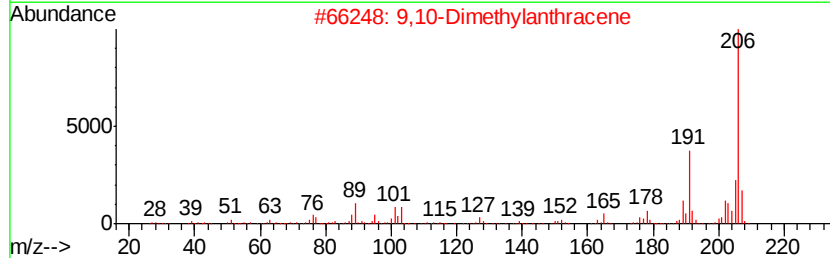
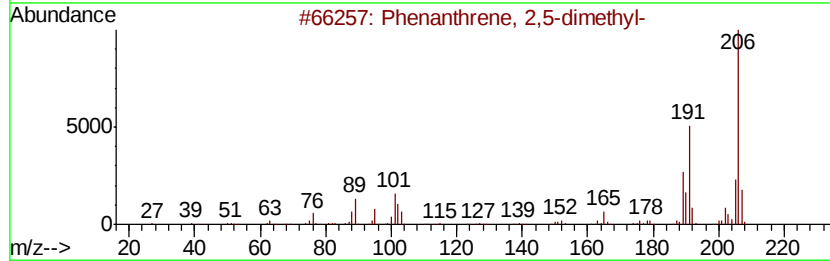
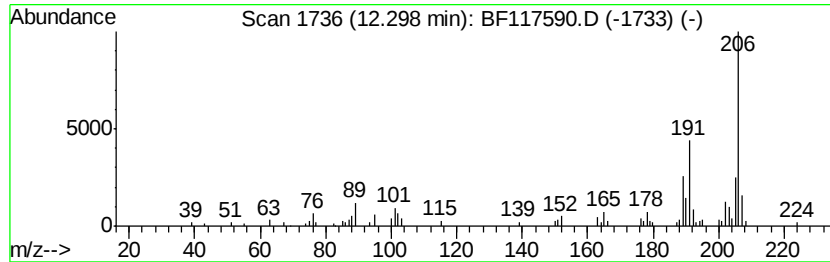
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.30	6.95 ng	79295	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylvene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
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ClientSampleId :
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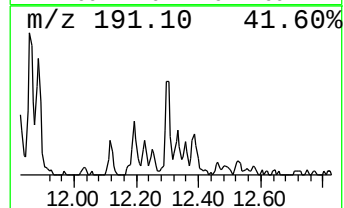
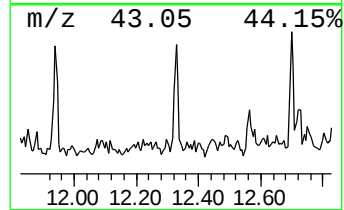
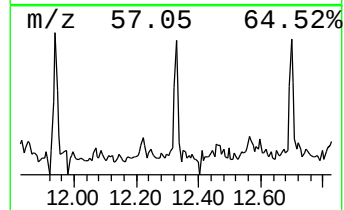
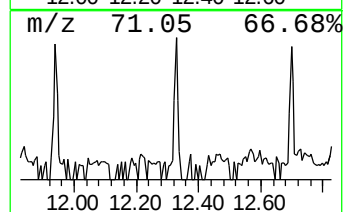
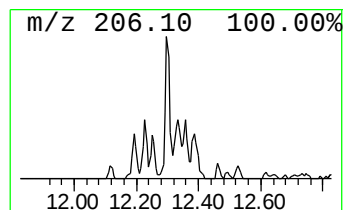
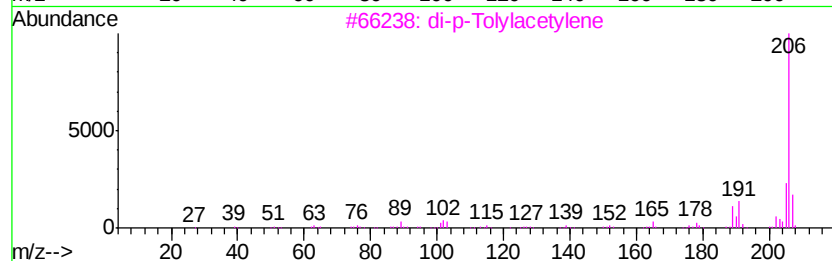
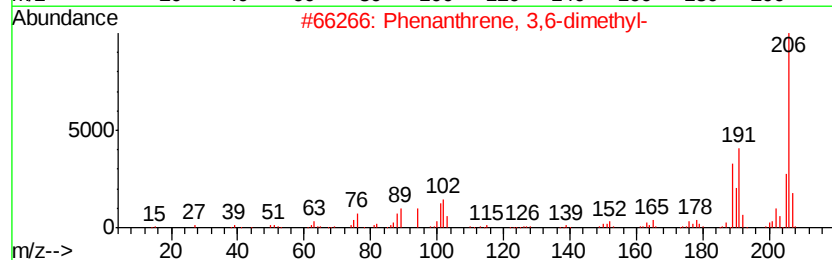
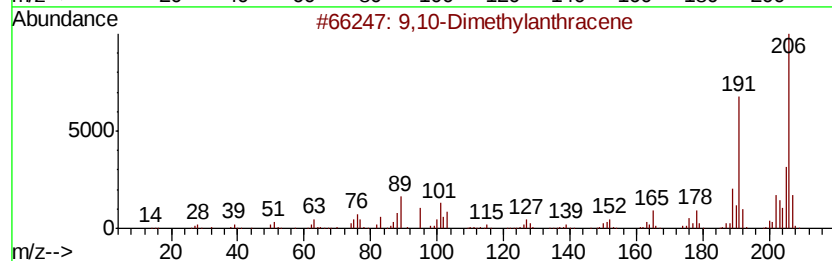
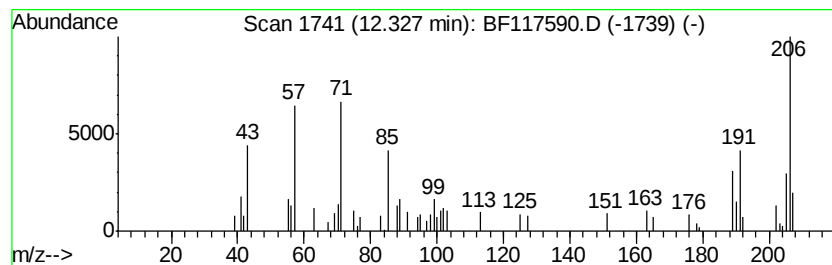
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	5.53 ng	63063	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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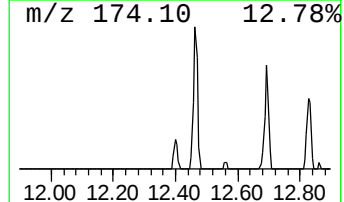
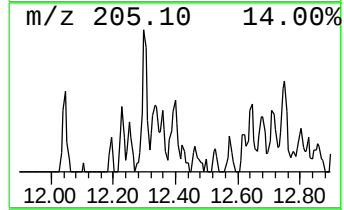
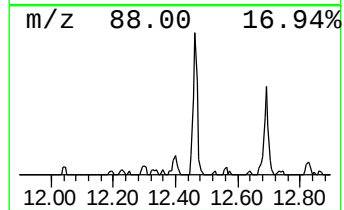
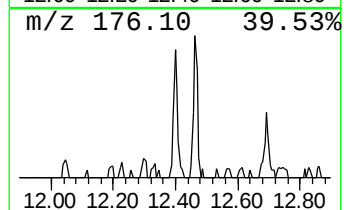
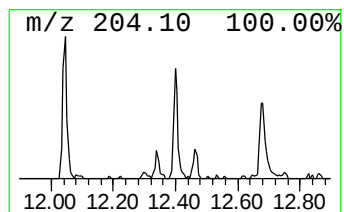
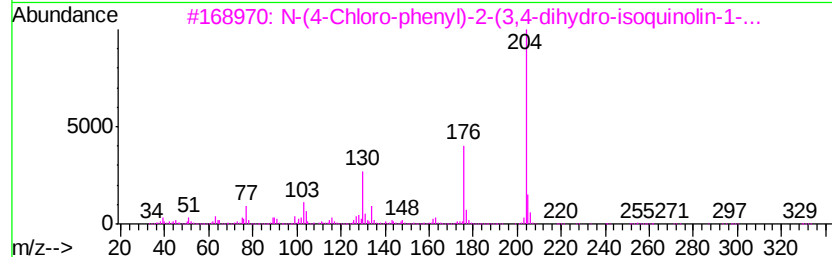
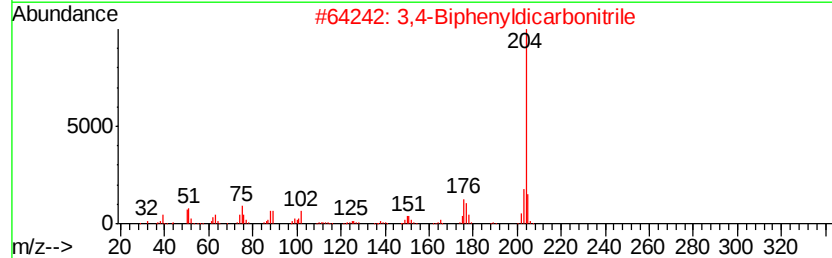
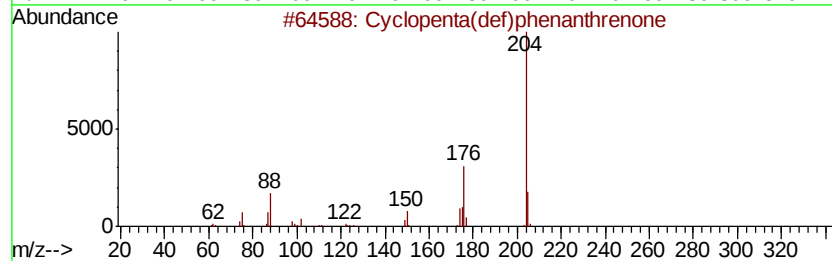
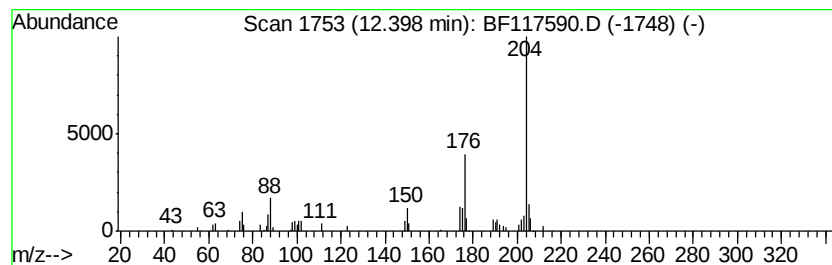
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.40	6.27 ng	71513	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	N-(4-Chloro-phenyl)-2-(3,4-dihvd...	330	C17H15ClN2OS	1000296-34-3	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
Sample : K5564-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

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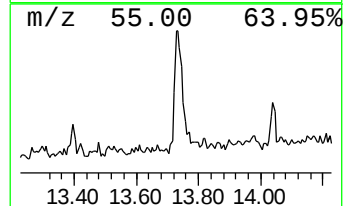
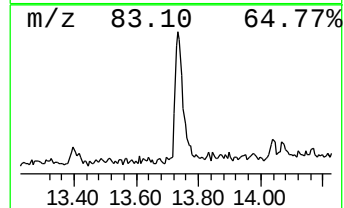
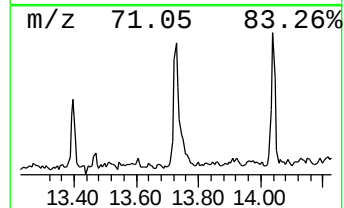
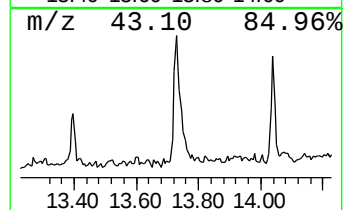
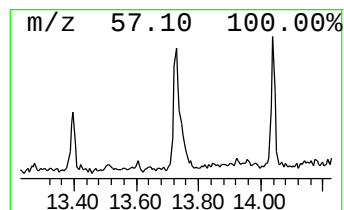
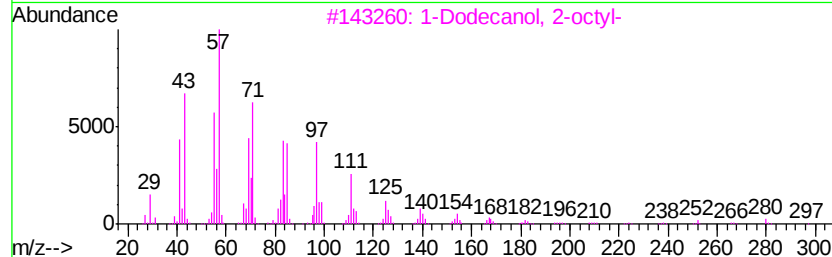
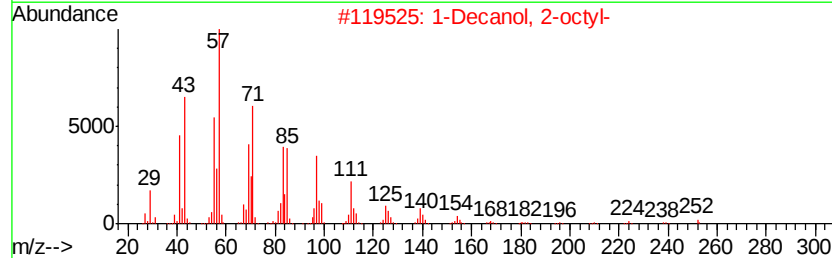
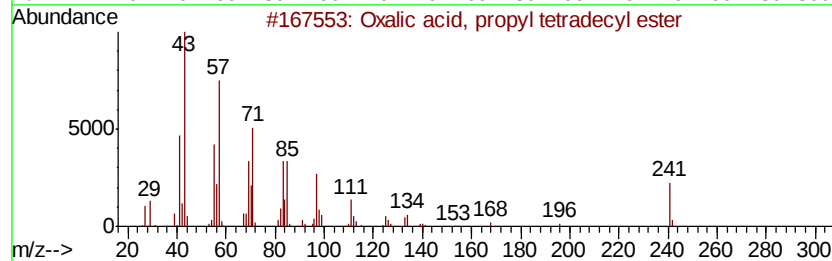
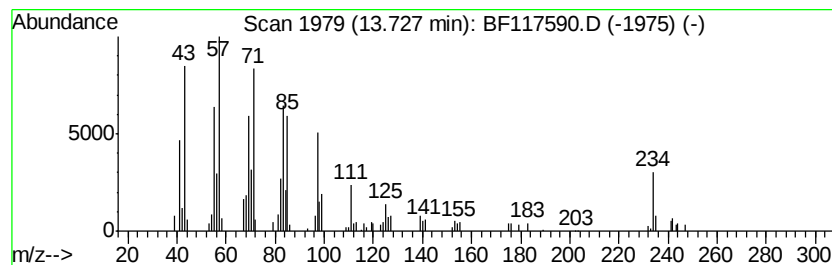
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxalic acid, propyl tetradec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.61 ng	131071	Chrysene-d12	13.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	83
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	80
3			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	74
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
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Misc :
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ClientSampleId :
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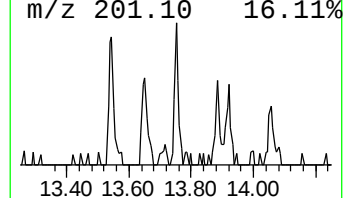
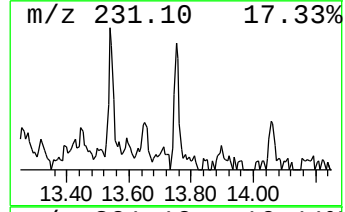
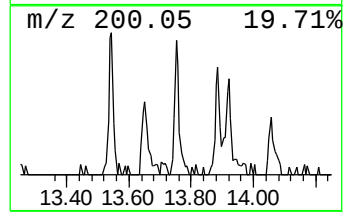
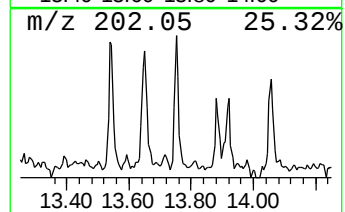
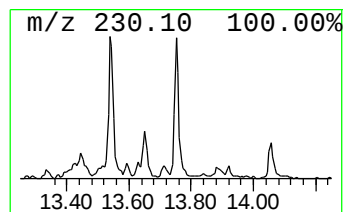
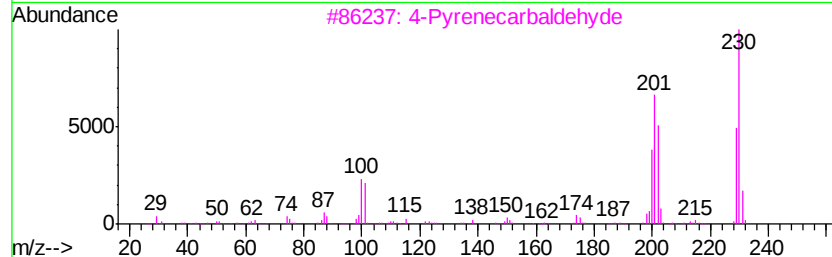
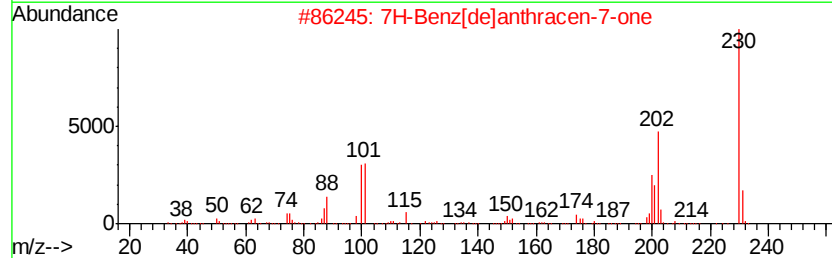
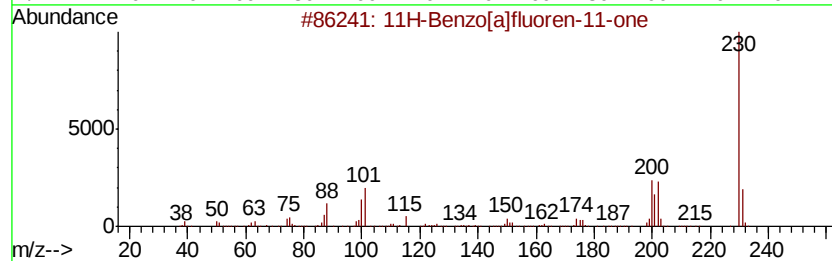
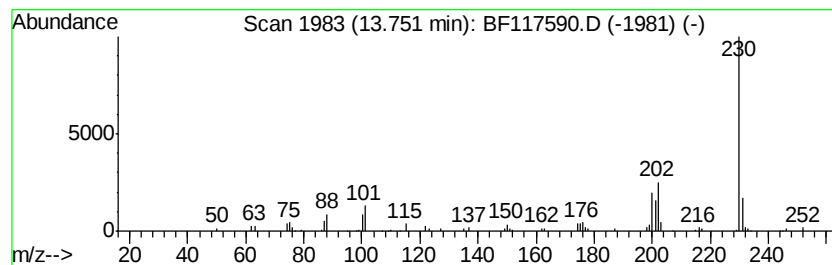
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.24 ng	120474	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	86
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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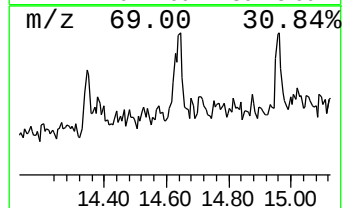
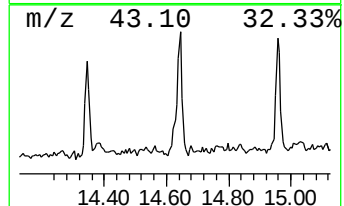
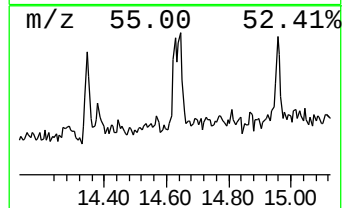
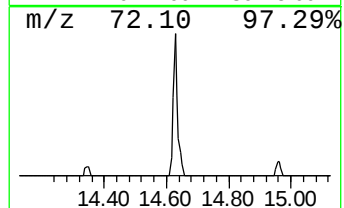
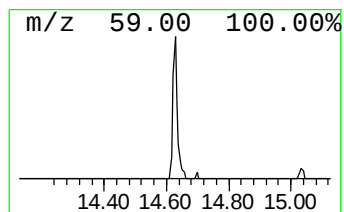
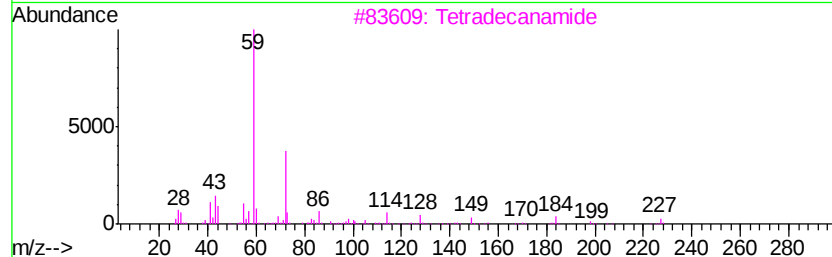
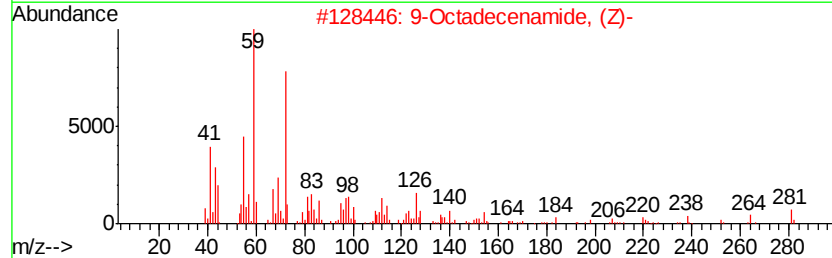
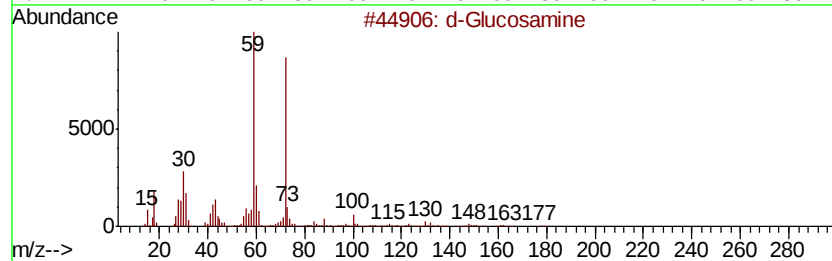
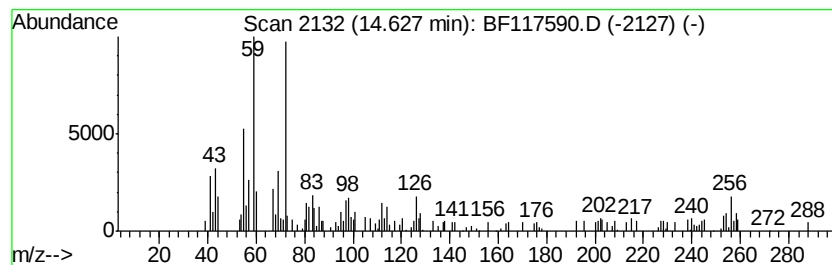
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 d-Glucosamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.72 ng	79425	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	d-Glucosamine	179	C6H13NO5	000090-77-7	59
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
3		Tetradecanamide	227	C14H29NO	000638-58-4	38
4		Methoxycarbonylsulfenyl chloride	126	C2H3ClO2S	026555-40-8	27
5		Hexadecanamide	255	C16H33NO	000629-54-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
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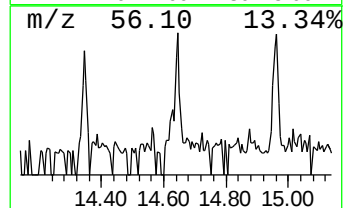
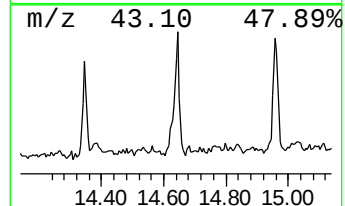
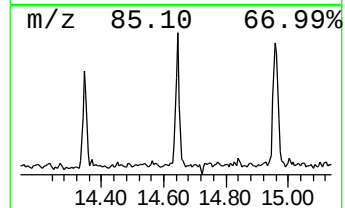
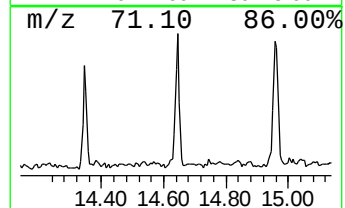
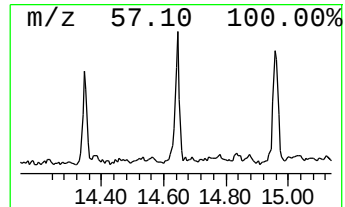
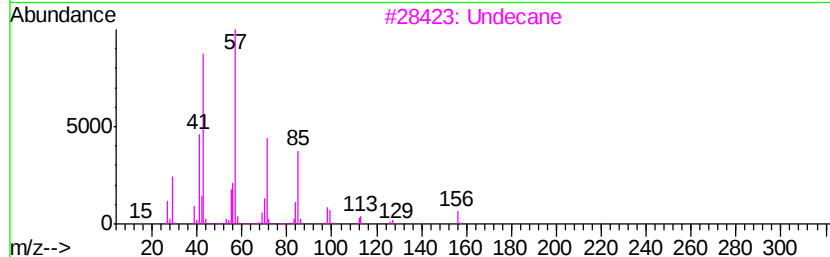
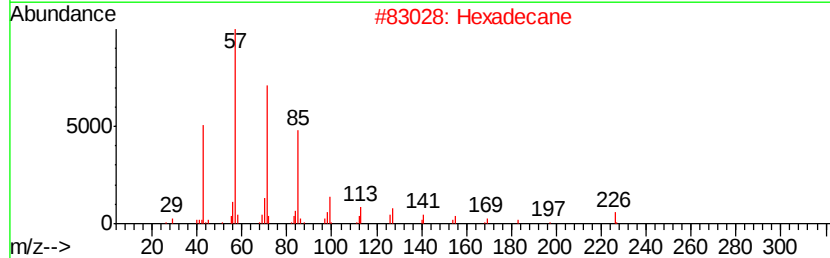
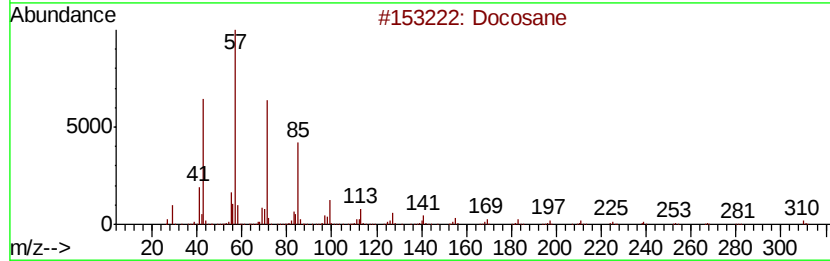
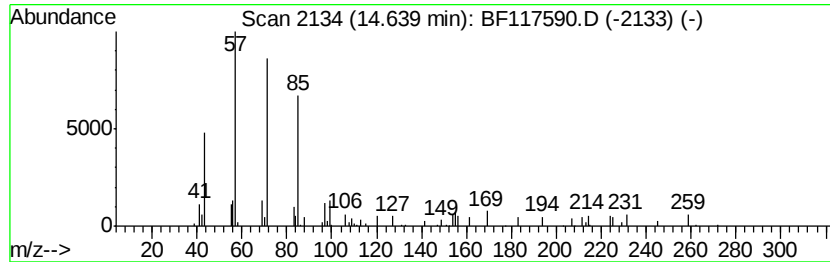
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.41 ng	65932	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Undecane	156	C11H24	001120-21-4	72
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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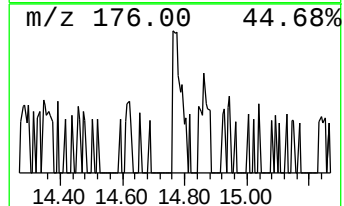
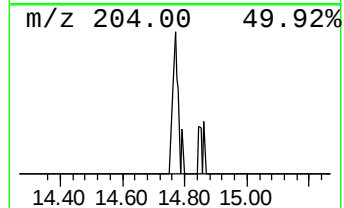
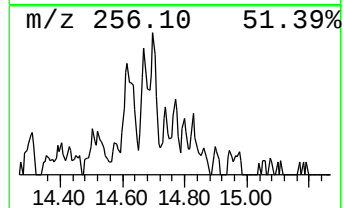
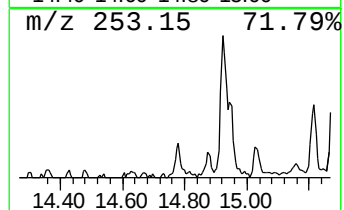
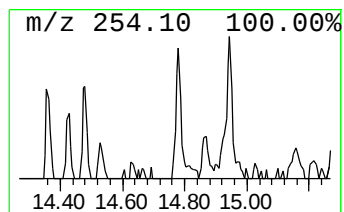
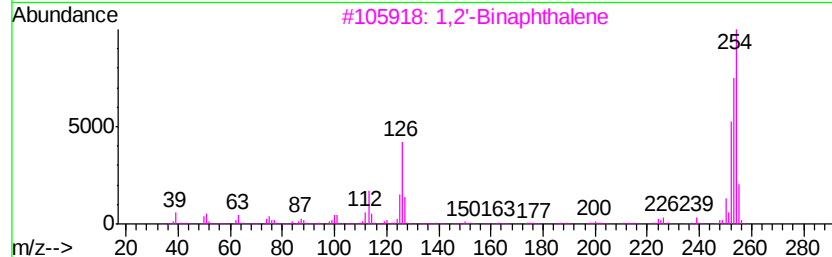
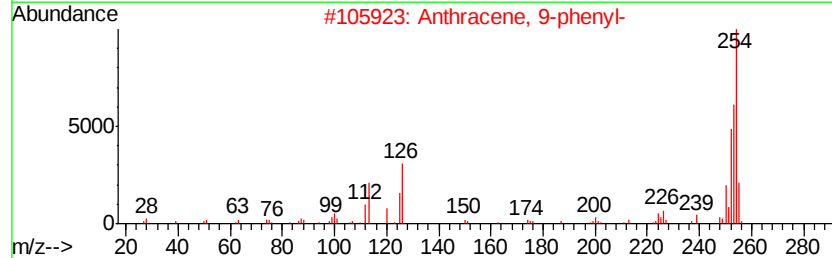
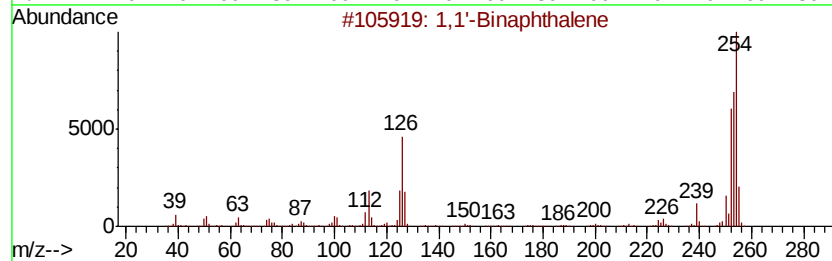
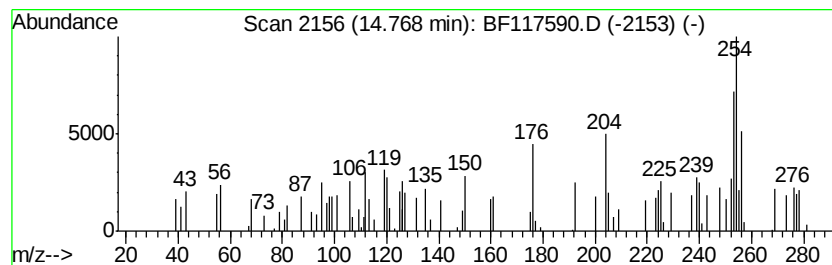
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Binaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.70 ng	38072	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	58
4		6,6'-Biazulene,	254	C20H14	073393-11-0	53
5		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
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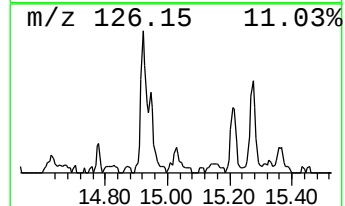
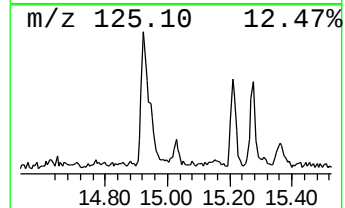
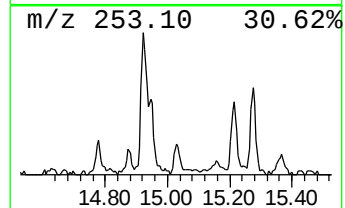
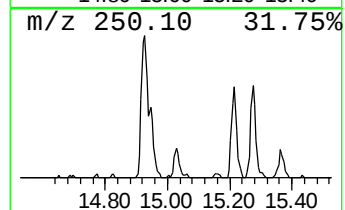
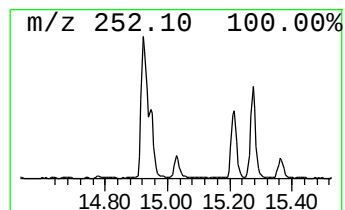
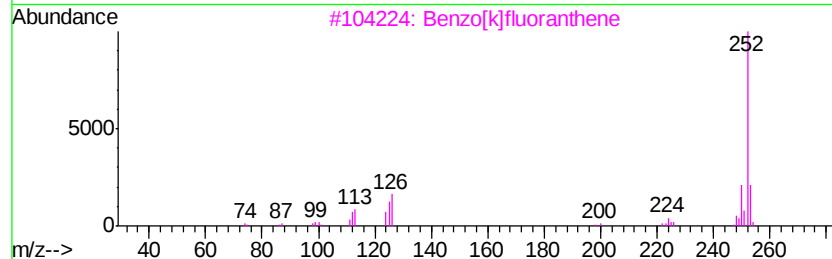
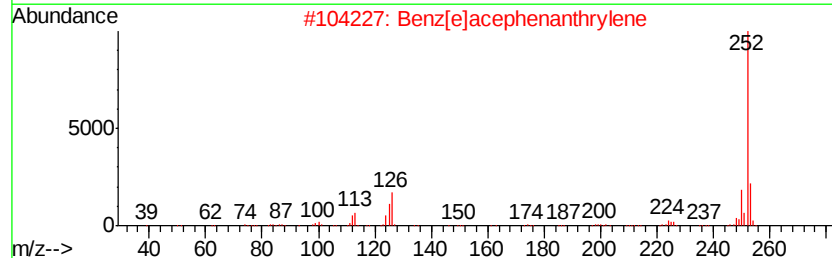
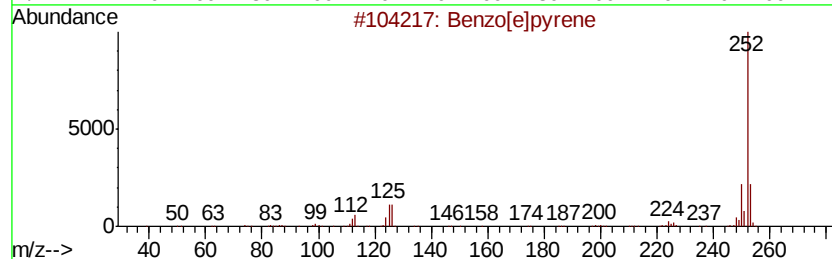
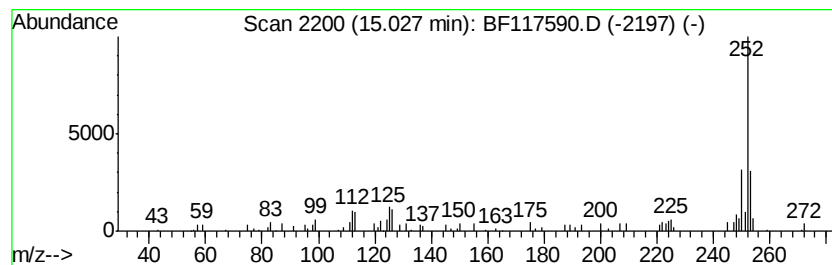
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.39 ng	45149	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	76
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	76
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	68
5			Perylene	252	C20H12	000198-55-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
CSA-2-1-2

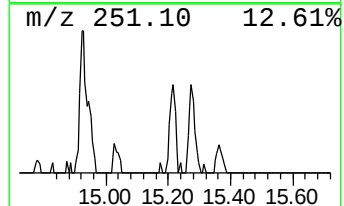
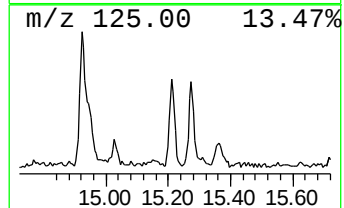
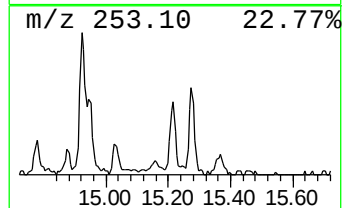
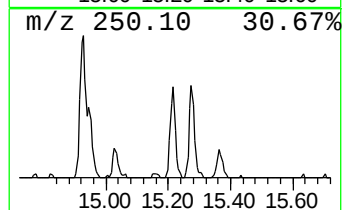
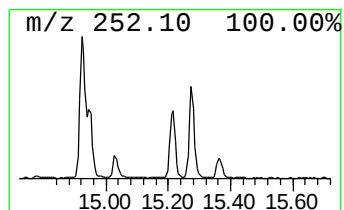
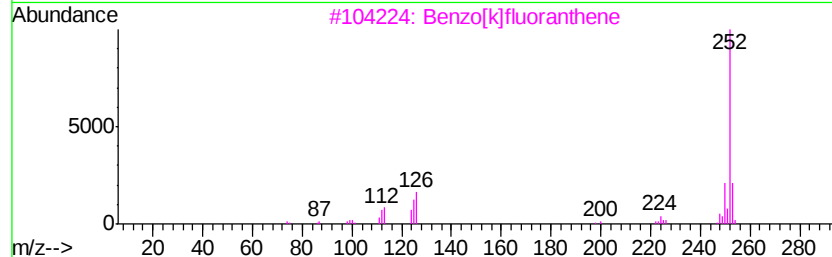
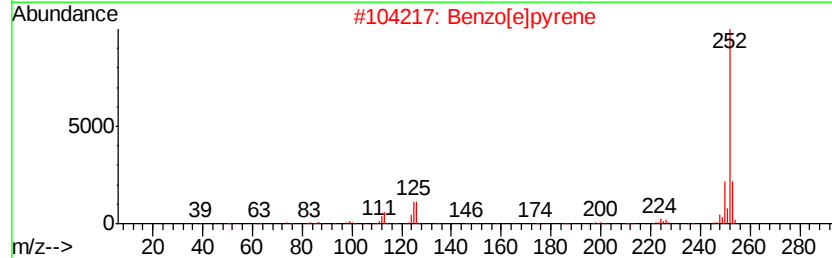
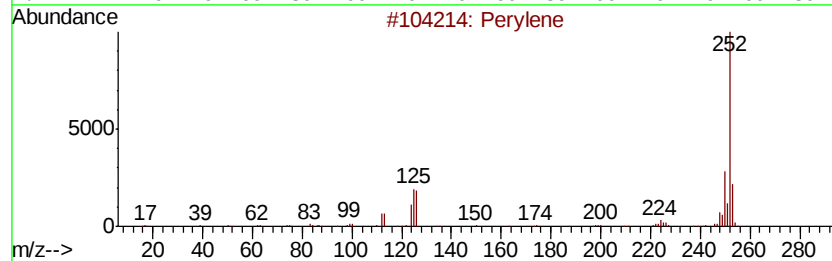
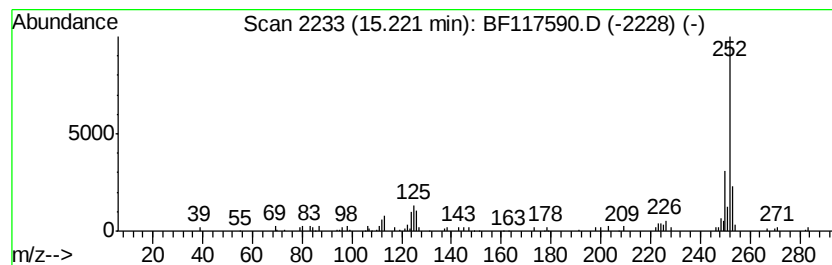
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	9.55 ng	98265	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	98
2	Benzo[e]pyrene		252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
4	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene		252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
Sample : K5564-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-2

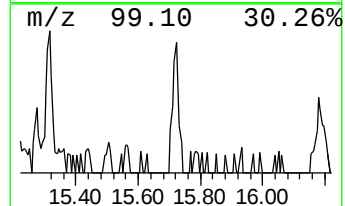
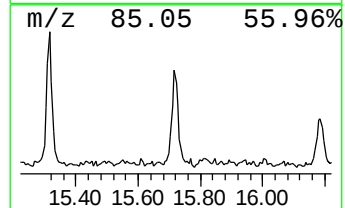
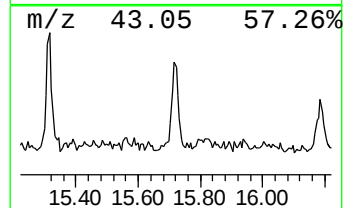
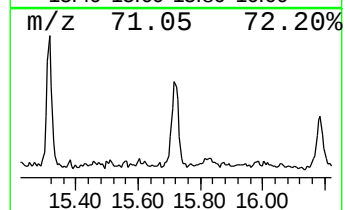
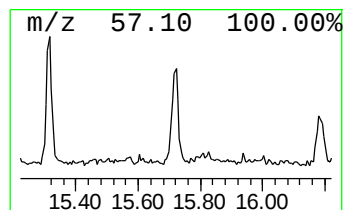
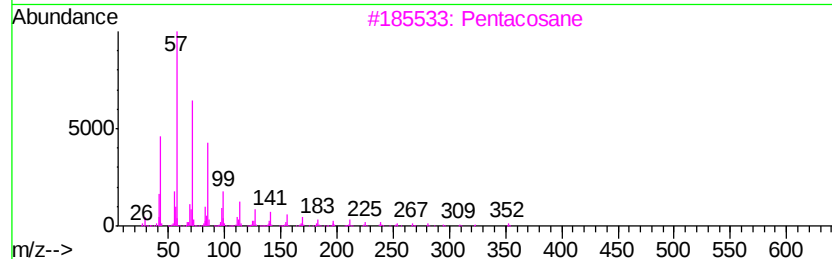
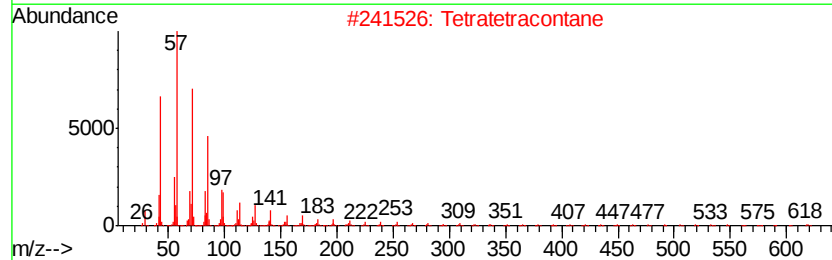
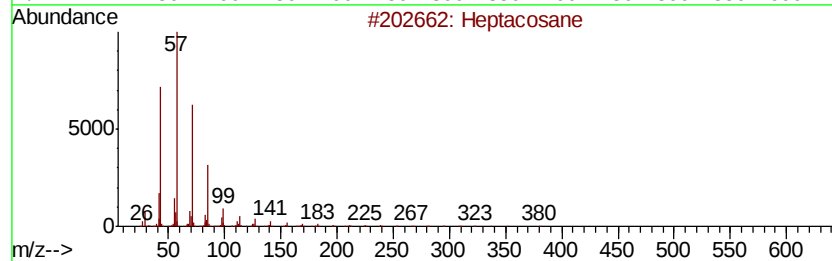
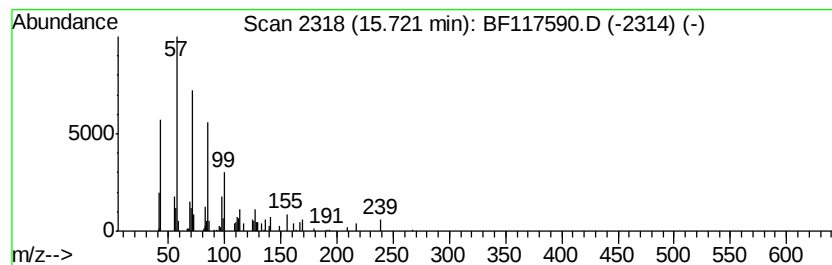
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.01 ng	61874	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Pentacosane		352	C25H52	000629-99-2	86
4	Hexacosane		366	C26H54	000630-01-3	86
5	Hentriacontane		437	C31H64	000630-04-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117590.D
Acq On : 29 Oct 2019 14:57
Operator : JU
Sample : K5564-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-2

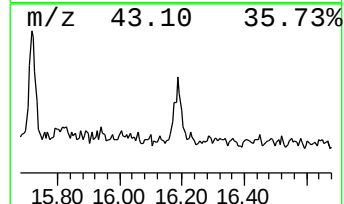
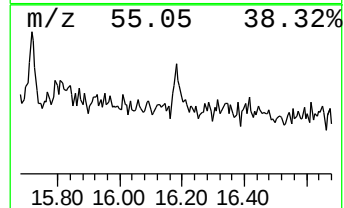
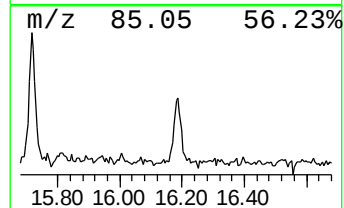
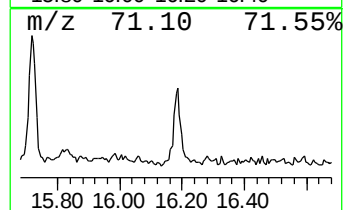
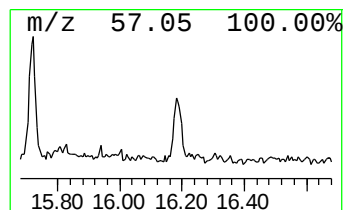
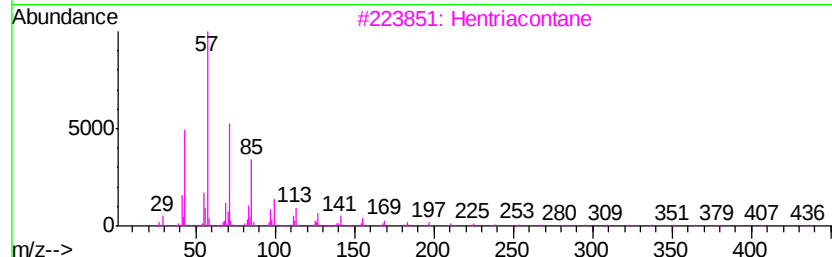
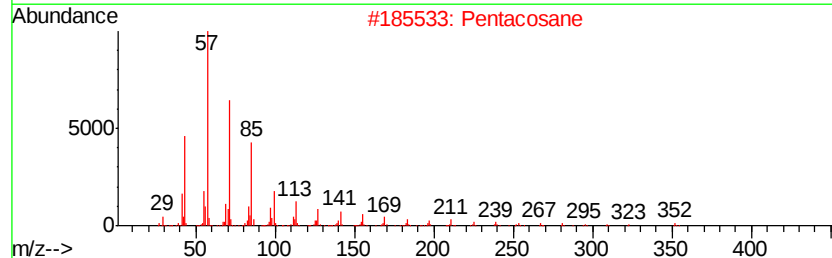
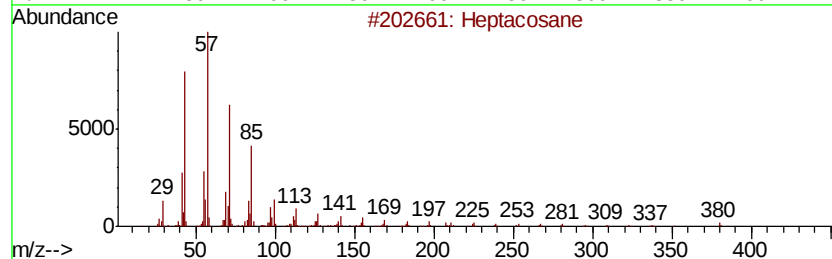
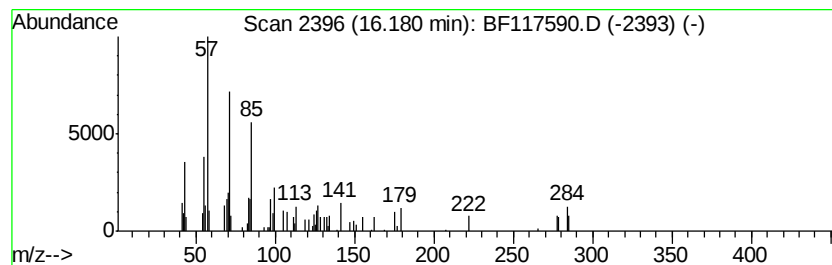
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.83 ng	39379	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	58
2			Pentacosane	352	C25H52	000629-99-2	58
3			Hentriacontane	437	C31H64	000630-04-6	58
4			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	58
5			Hexatriacontane	507	C36H74	000630-06-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102919\
 Data File : BF117590.D
 Acq On : 29 Oct 2019 14:57
 Operator : JU
 Sample : K5564-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
2-Pentanone, 4-hy...	4.93	16.9	ng	193556	1	6.73	229072	20.0
unknown6.50	6.50	86.3	ng	988861	1	6.73	229072	20.0
Phenanthrene, 2-m...	11.75	7.4	ng	84865	4	11.25	228075	20.0
Phenanthrene, 1-m...	11.78	12.7	ng	144910	4	11.25	228075	20.0
4H-Cyclopenta[def...	11.86	9.8	ng	112069	4	11.25	228075	20.0
Naphtho[2,3-b]nor...	11.89	5.1	ng	57889	4	11.25	228075	20.0
9,10-Bis(bromomet...	12.05	4.8	ng	54495	4	11.25	228075	20.0
Phenanthrene, 2,5...	12.30	7.0	ng	79295	4	11.25	228075	20.0
di-p-Tolylacetylene	12.33	5.5	ng	63063	4	11.25	228075	20.0
Cyclopenta(def)ph...	12.40	6.3	ng	71513	4	11.25	228075	20.0
Oxalic acid, prop...	13.73	4.6	ng	131071	5	13.89	568394	20.0
11H-Benzo[a]fluor...	13.75	4.2	ng	120474	5	13.89	568394	20.0
d-Glucosamine	14.63	7.7	ng	79425	6	15.33	205828	20.0
Docosane	14.64	6.4	ng	65932	6	15.33	205828	20.0
1,1'-Binaphthalene	14.77	3.7	ng	38072	6	15.33	205828	20.0
Benzo[e]pyrene	15.03	4.4	ng	45149	6	15.33	205828	20.0
Perylene	15.22	9.6	ng	98265	6	15.33	205828	20.0
Heptacosane	15.72	6.0	ng	61874	6	15.33	205828	20.0
Pentacosane	16.18	3.8	ng	39379	6	15.33	205828	20.0