

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142454.D
 Acq On : 19 May 2025 16:31
 Operator : RC/JU
 Sample : Q2047-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-051425

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-BF050525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	486	495	504	rBV	56890	80130	6.80%	0.518%
2	5.504	558	563	577	rBV	578918	768627	65.25%	4.967%
3	6.516	730	735	751	rBV	655656	811985	68.93%	5.247%
4	6.898	795	800	806	rBV	475403	595093	50.52%	3.845%
5	7.457	890	895	900	rBV	417123	506246	42.97%	3.271%
6	7.716	931	939	945	rBB	8404	12420	1.05%	0.080%
7	8.181	1013	1018	1027	rBV	626455	815349	69.21%	5.269%
8	8.892	1135	1139	1144	rBV	17817	21433	1.82%	0.138%
9	8.992	1152	1156	1165	rBV	25284	31371	2.66%	0.203%
10	9.257	1195	1201	1206	rBV	859871	1068533	90.70%	6.905%
11	9.522	1241	1246	1252	rBV	18037	27858	2.36%	0.180%
12	9.592	1253	1258	1261	rBV	33379	46301	3.93%	0.299%
13	9.622	1261	1263	1266	rVB	14301	13711	1.16%	0.089%
14	9.710	1274	1278	1287	rVB	17867	28785	2.44%	0.186%
15	9.798	1287	1293	1297	rBV2	15545	20682	1.76%	0.134%
16	9.939	1309	1317	1320	rBV	670858	886387	75.24%	5.728%
17	9.969	1320	1322	1330	rVB	63134	72111	6.12%	0.466%
18	10.039	1330	1334	1339	rBV	11037	16627	1.41%	0.107%
19	10.092	1339	1343	1346	rBV2	11324	16299	1.38%	0.105%
20	10.139	1346	1351	1354	rBV2	31899	40199	3.41%	0.260%
21	10.175	1354	1357	1362	rVB2	14323	17968	1.53%	0.116%
22	10.251	1363	1370	1373	rBV3	17037	29061	2.47%	0.188%
23	10.363	1381	1389	1393	rBV3	20549	41400	3.51%	0.268%
24	10.481	1405	1409	1415	rBV	85996	117195	9.95%	0.757%
25	10.551	1415	1421	1422	rBV2	20896	34497	2.93%	0.223%
26	10.569	1422	1424	1431	rVV4	19113	30339	2.58%	0.196%
27	10.645	1432	1437	1442	rVB	114804	151396	12.85%	0.978%
28	10.722	1445	1450	1455	rBV	455511	572655	48.61%	3.700%
29	10.845	1466	1471	1478	rVB4	31909	58006	4.92%	0.375%
30	10.922	1478	1484	1487	rBV6	9752	16927	1.44%	0.109%
31	11.028	1497	1502	1505	rBV2	34320	56497	4.80%	0.365%
32	11.057	1505	1507	1511	rVV2	27506	39840	3.38%	0.257%
33	11.116	1514	1517	1520	rVV	19104	26002	2.21%	0.168%
34	11.181	1520	1528	1532	rVV5	16016	46465	3.94%	0.300%
35	11.228	1533	1536	1540	rVV4	11319	17196	1.46%	0.111%
36	11.286	1540	1546	1548	rVV3	26147	45667	3.88%	0.295%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	11.322	1548	1552	1558	rVB2	42252	63059	5.35%	0.407%
38	11.422	1564	1569	1572	rBV	630056	972218	82.53%	6.282%
39	11.445	1572	1573	1578	rVV	540188	492740	41.83%	3.184%
40	11.498	1578	1582	1586	rVB	126266	154309	13.10%	0.997%
41	11.651	1605	1608	1615	rBV	18848	33134	2.81%	0.214%
42	11.716	1615	1619	1623	rBV2	30955	43515	3.69%	0.281%
43	11.751	1623	1625	1631	rVB2	18510	25277	2.15%	0.163%
44	11.810	1632	1635	1638	rBV	15477	20313	1.72%	0.131%
45	11.951	1650	1659	1664	rBV2	225298	470217	39.92%	3.038%
46	11.998	1664	1667	1670	rVV	48892	71250	6.05%	0.460%
47	12.039	1670	1674	1682	rVB2	173087	330928	28.09%	2.138%
48	12.122	1684	1688	1691	rVV2	21940	29140	2.47%	0.188%
49	12.222	1701	1705	1713	rVB2	62331	119410	10.14%	0.772%
50	12.369	1725	1730	1733	rBV3	24695	39355	3.34%	0.254%
51	12.398	1733	1735	1738	rVV	12108	14627	1.24%	0.095%
52	12.475	1744	1748	1750	rBV	51665	68430	5.81%	0.442%
53	12.516	1750	1755	1760	rVV4	95170	184695	15.68%	1.193%
54	12.563	1760	1763	1768	rVV2	19368	31105	2.64%	0.201%
55	12.639	1771	1776	1780	rVV	442361	561701	47.68%	3.630%
56	12.727	1788	1791	1795	rBV3	40890	54343	4.61%	0.351%
57	12.869	1808	1815	1821	rBV	466098	726588	61.68%	4.695%
58	13.010	1833	1839	1846	rVB	722377	991624	84.18%	6.408%
59	13.086	1847	1852	1859	rBV3	48514	101941	8.65%	0.659%
60	13.192	1863	1870	1874	rVB	97028	160000	13.58%	1.034%
61	13.257	1878	1881	1885	rVV2	63883	79644	6.76%	0.515%
62	13.298	1885	1888	1891	rVV2	48036	54088	4.59%	0.350%
63	13.392	1901	1904	1906	rBV	29304	31772	2.70%	0.205%
64	13.422	1906	1909	1913	rVB	33429	35847	3.04%	0.232%
65	13.845	1978	1981	1983	rBV	25198	27254	2.31%	0.176%
66	13.910	1988	1992	2001	rVB3	64471	111600	9.47%	0.721%
67	14.063	2012	2018	2029	rBV2	626050	1178044	100.00%	7.612%
68	15.116	2193	2197	2205	rVB	121715	256243	21.75%	1.656%
69	15.492	2257	2261	2266	rBV	92599	142433	12.09%	0.920%
70	15.557	2267	2272	2284	rVB	341343	617416	52.41%	3.990%

Sum of corrected areas: 15475518

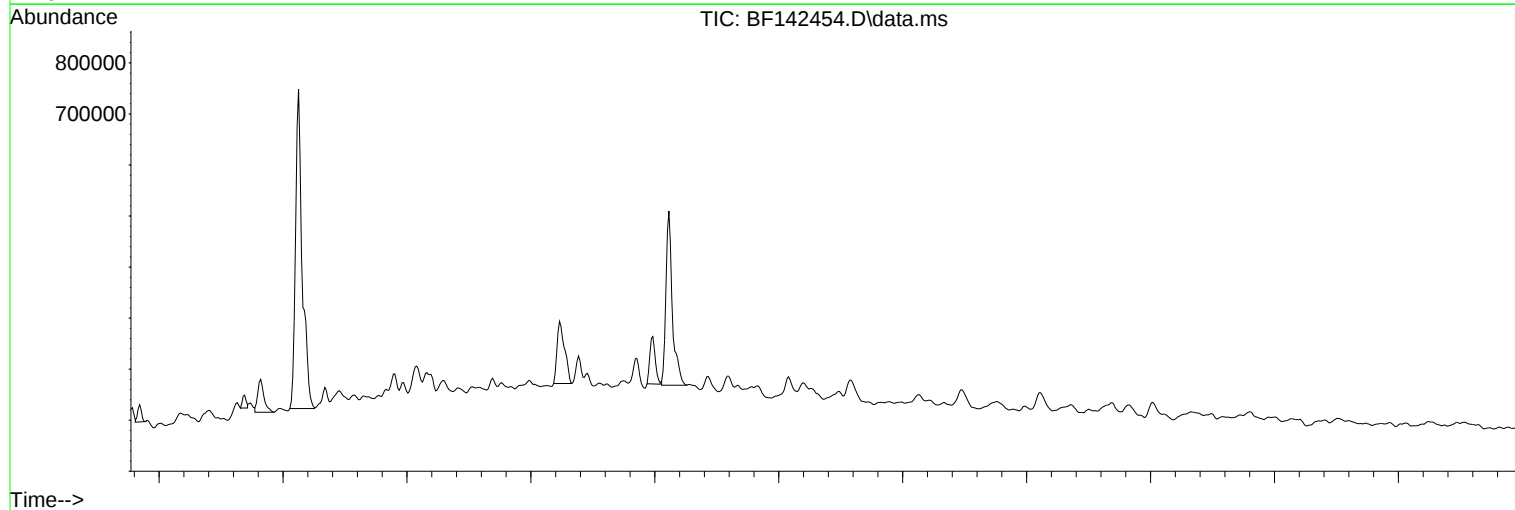
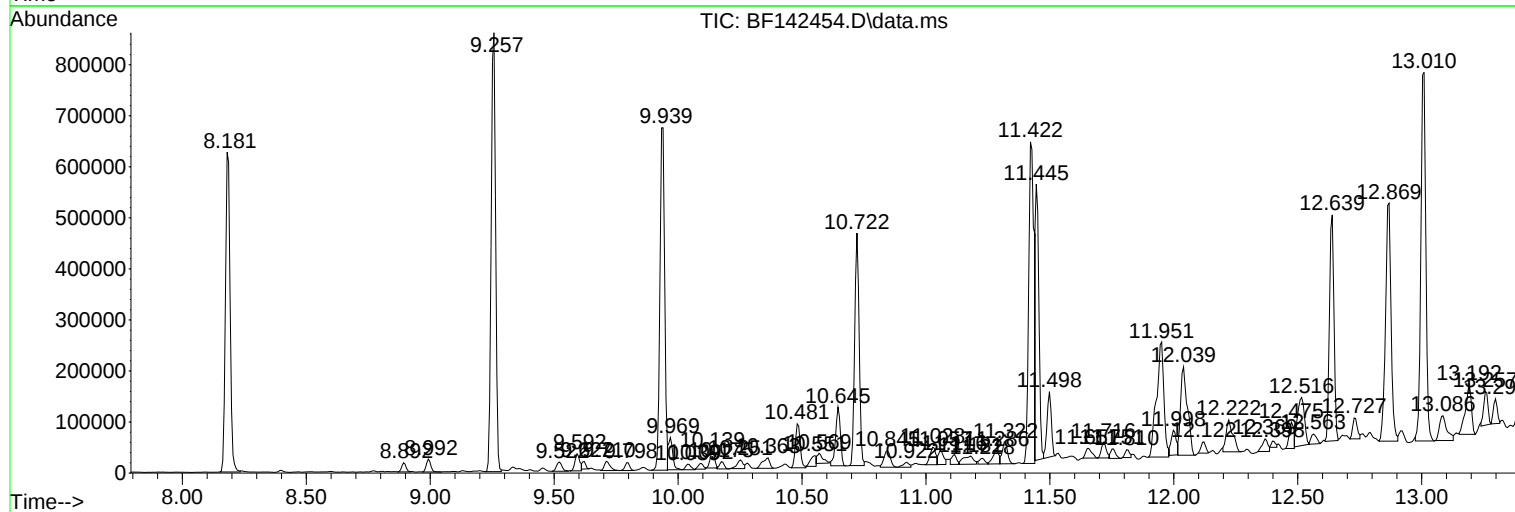
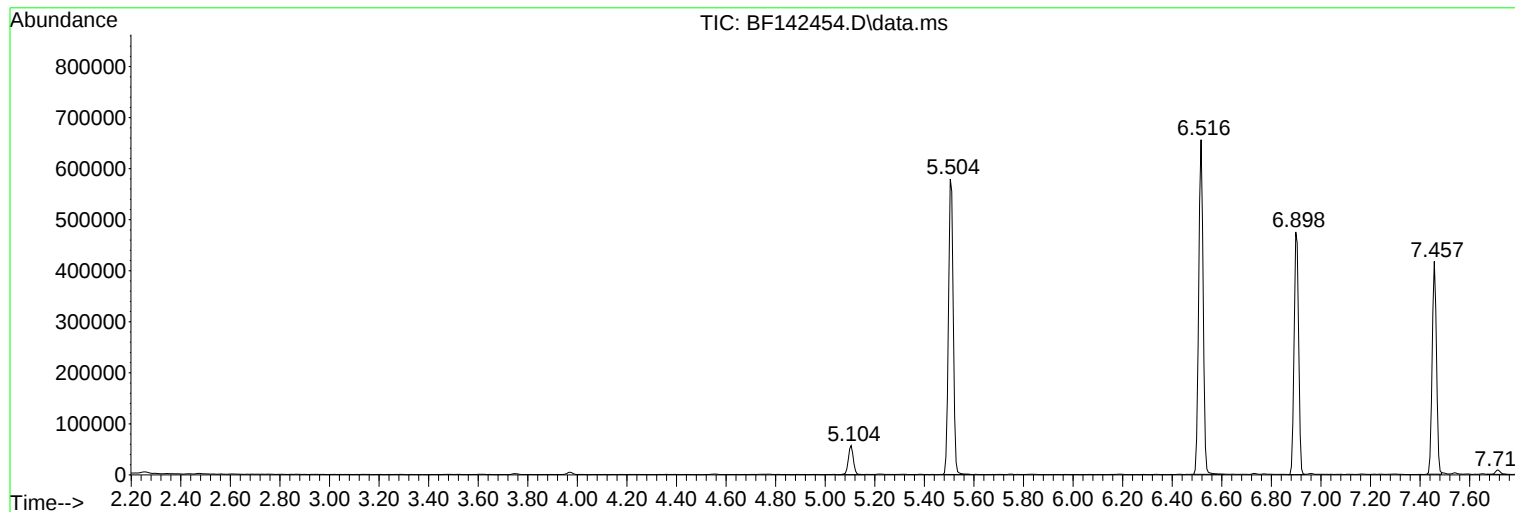
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

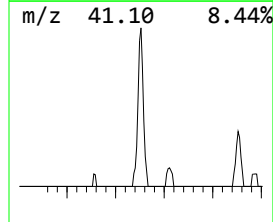
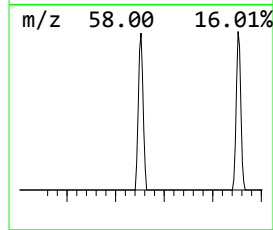
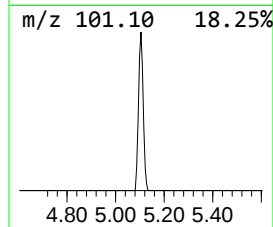
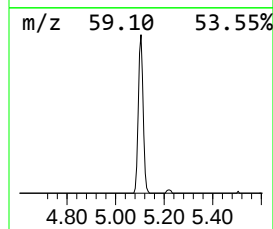
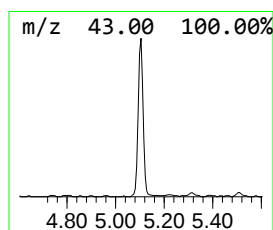
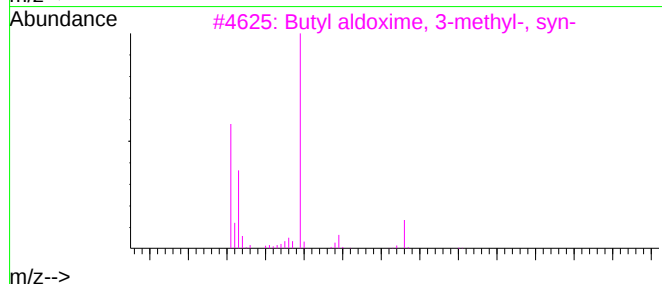
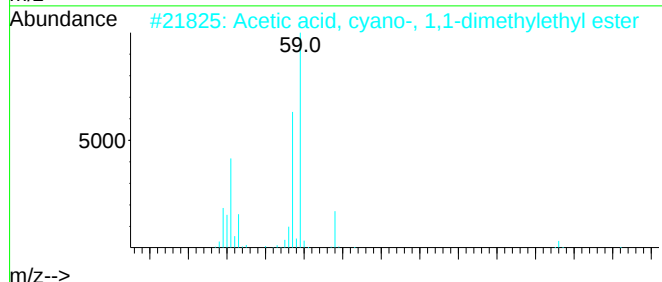
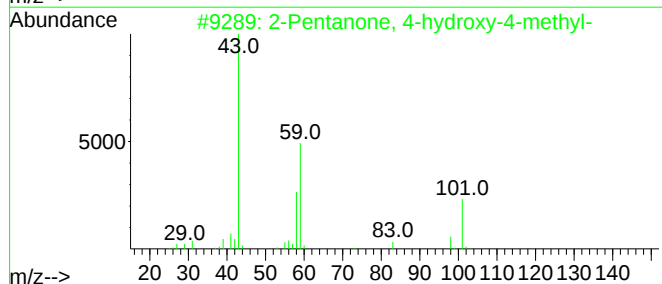
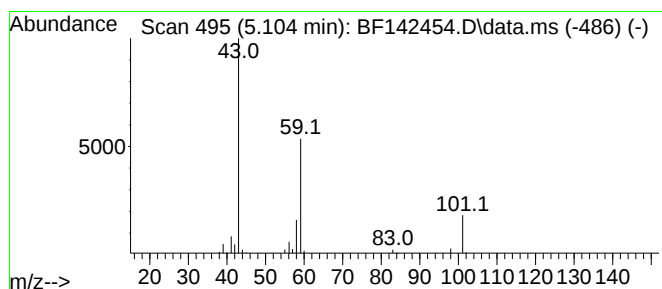
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	2.69 ng	80130	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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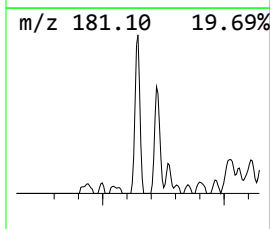
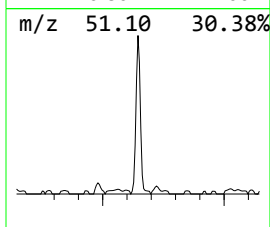
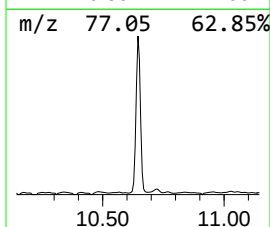
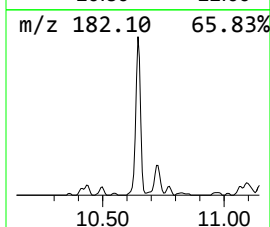
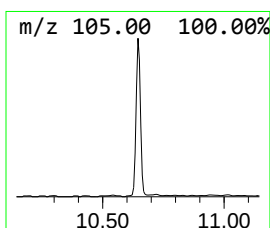
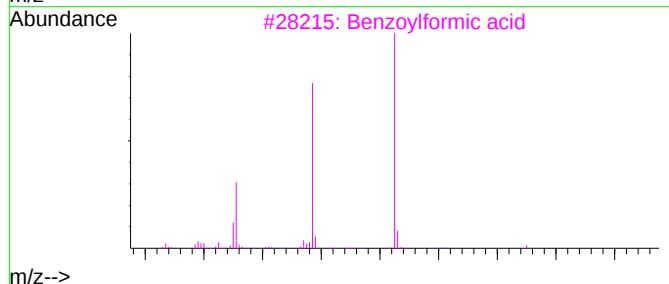
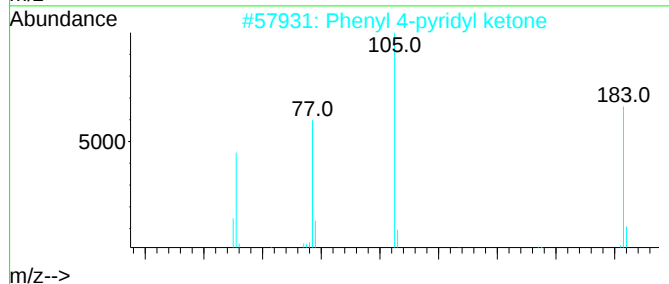
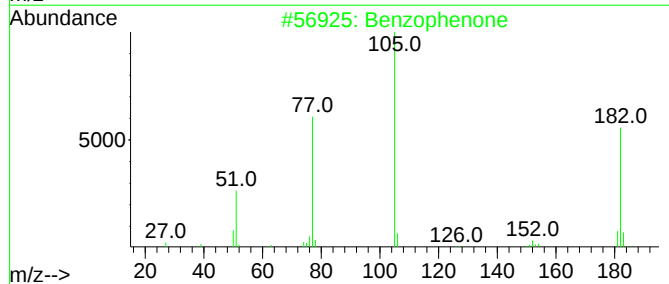
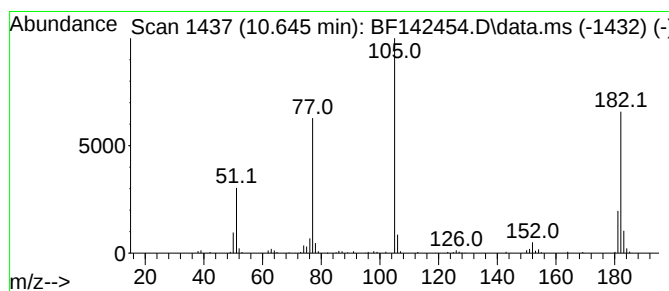
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.645	3.42 ng	151396	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	45
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43



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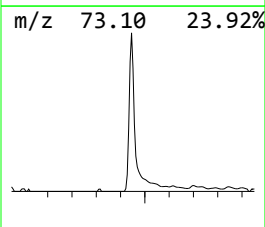
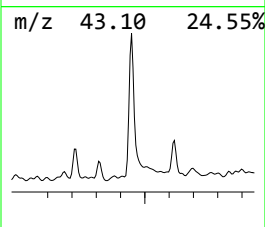
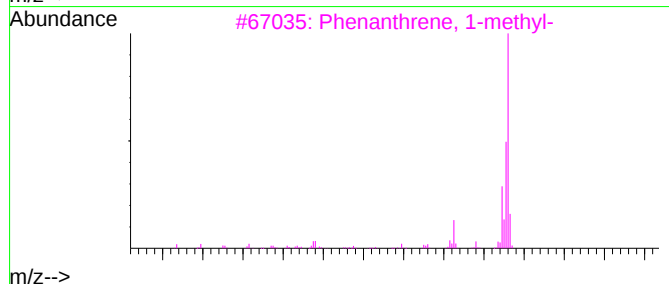
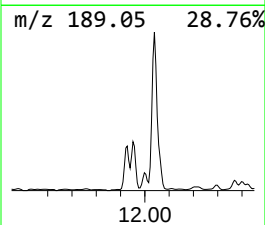
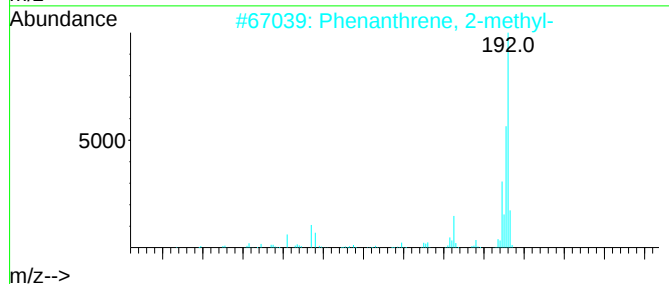
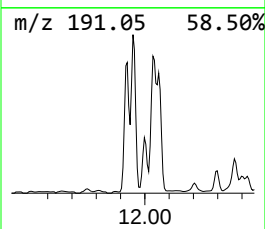
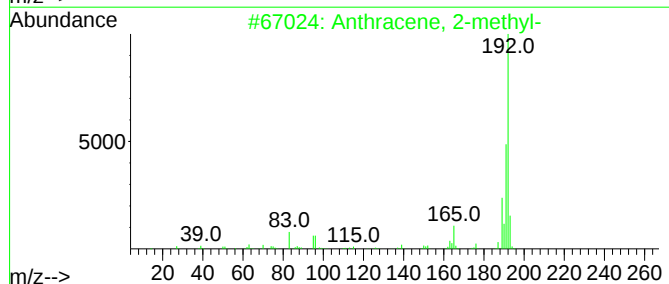
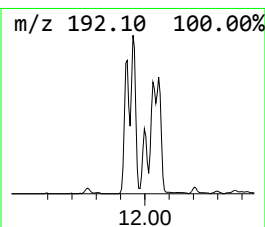
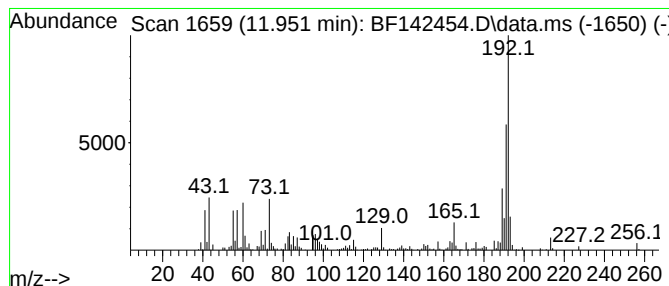
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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.951	9.67 ng	470217	Phenanthrene-d10			11.422
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	93



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

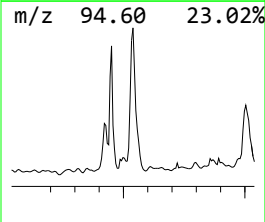
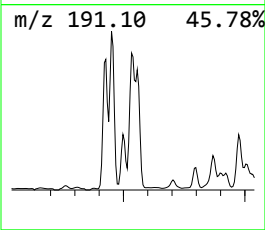
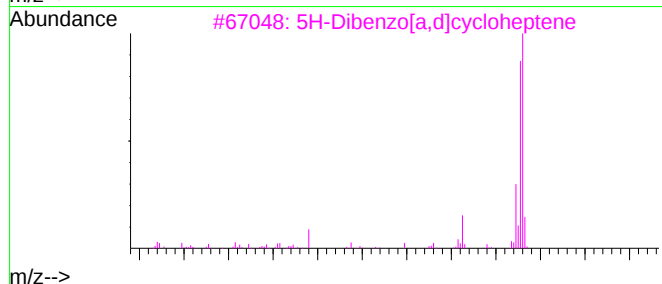
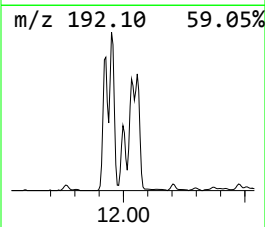
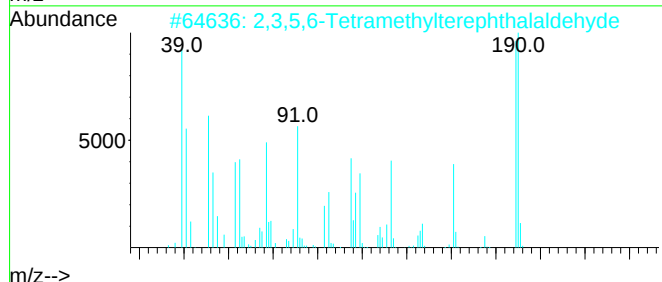
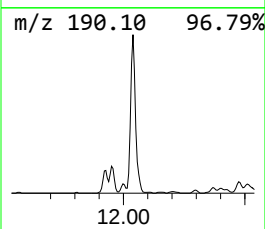
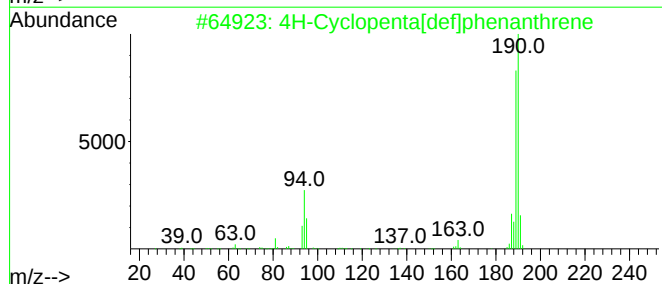
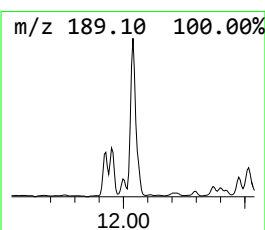
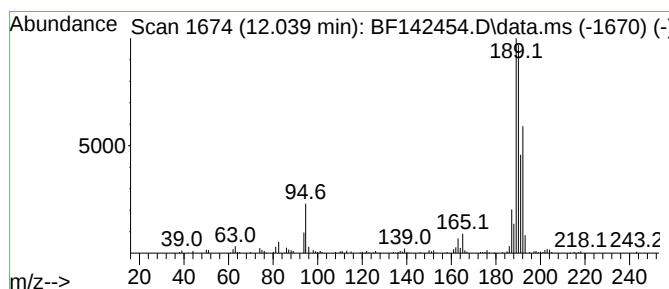
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	6.81 ng	330928	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142454.D
Acq On : 19 May 2025 16:31
Operator : RC/JU
Sample : Q2047-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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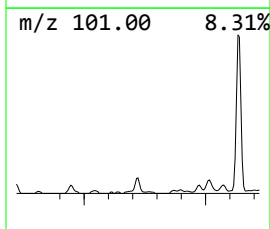
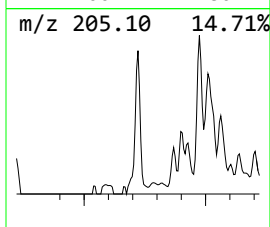
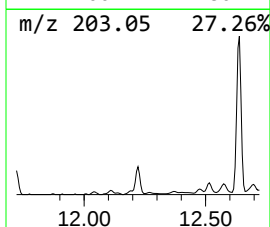
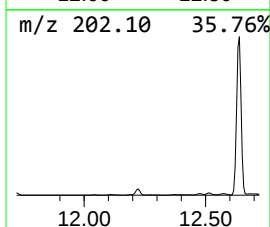
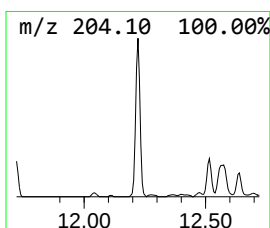
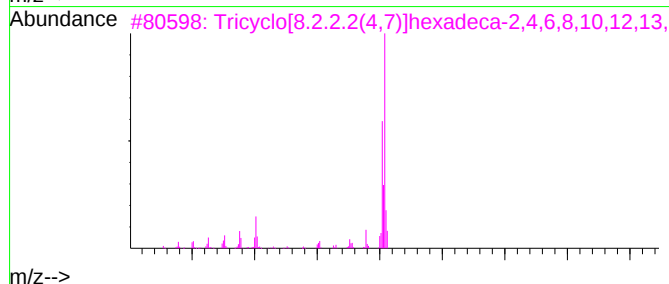
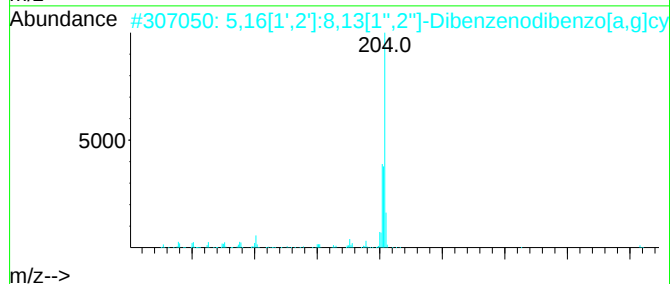
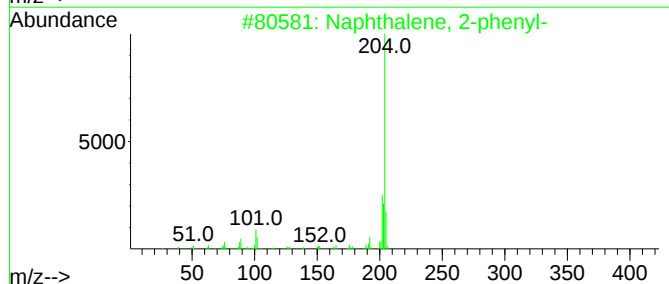
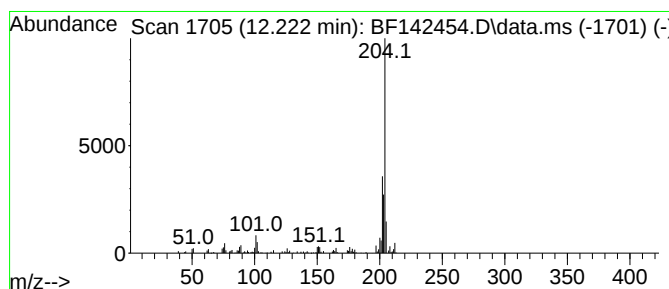
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.222	2.46 ng	119410	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	81
4	6-Cyanophenanthridine		204	C14H8N2	002176-28-5	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...		204	C16H12	013141-45-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142454.D
Acq On : 19 May 2025 16:31
Operator : RC/JU
Sample : Q2047-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-051425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

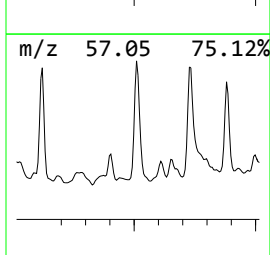
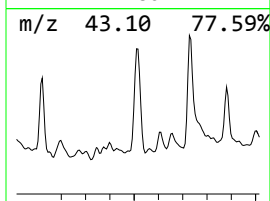
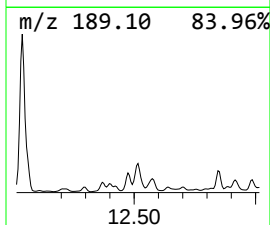
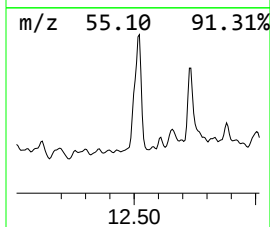
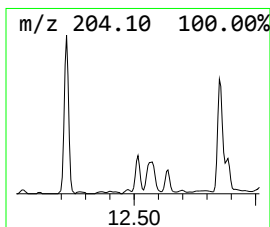
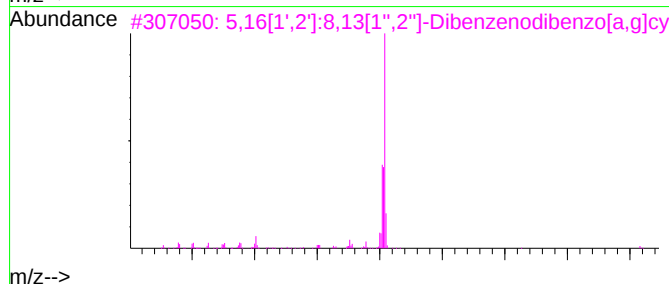
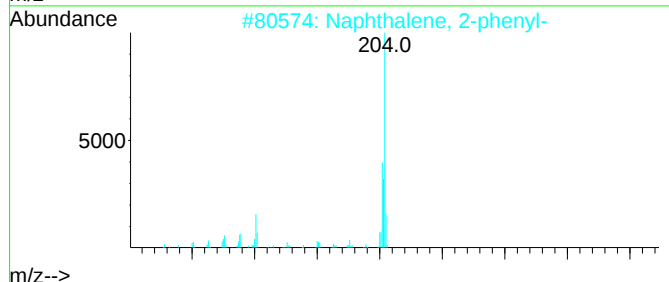
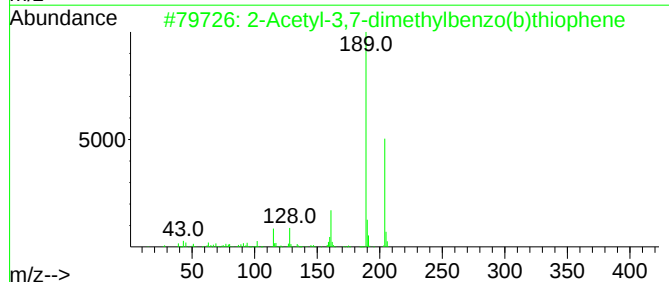
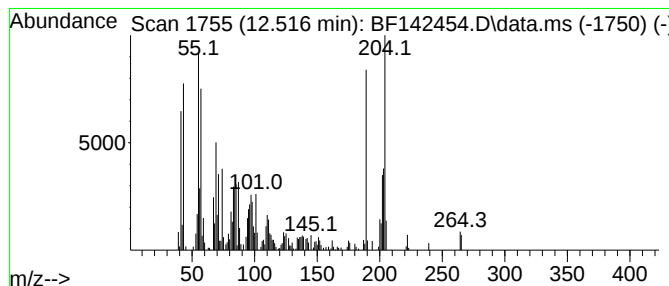
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.516 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	3.80 ng	184695	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	25
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	25



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Sample : Q2047-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-051425

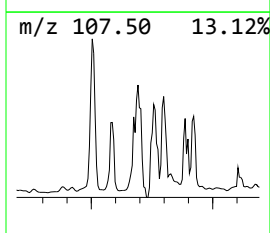
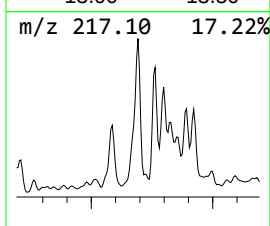
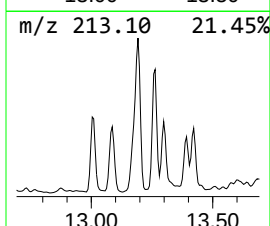
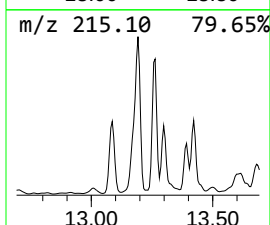
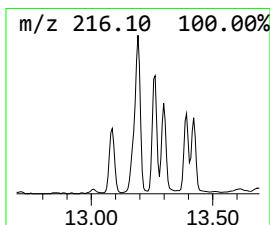
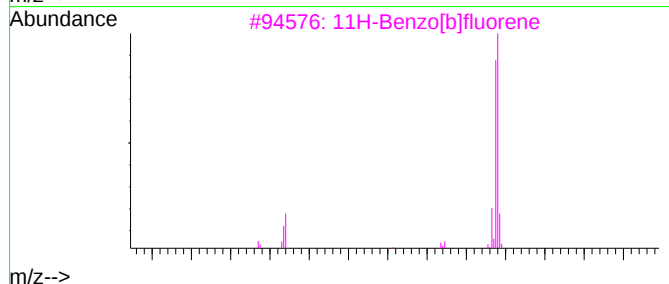
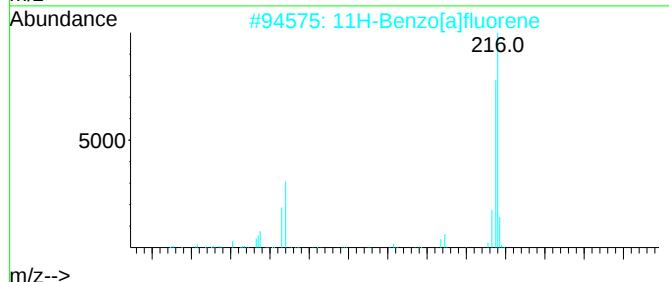
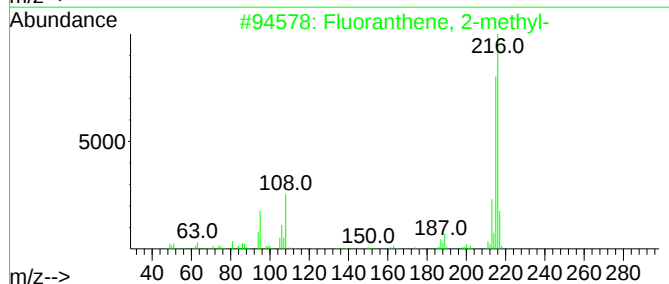
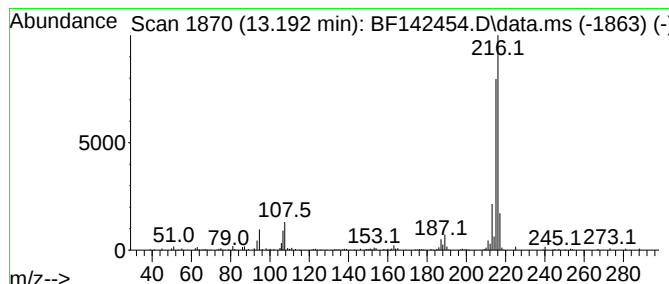
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.192	2.72 ng	160000	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142454.D
Acq On : 19 May 2025 16:31
Operator : RC/JU
Sample : Q2047-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-051425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	2.7	ng	80130	1	6.898	595093	20.0
Benzophenone	10.645	3.4	ng	151396	3	9.939	886387	20.0
Anthracene, 2-m...	11.951	9.7	ng	470217	4	11.422	972218	20.0
4H-Cyclopenta[d...	12.039	6.8	ng	330928	4	11.422	972218	20.0
Naphthalene, 2-...	12.222	2.5	ng	119410	4	11.422	972218	20.0
unknown12.516	12.516	3.8	ng	184695	4	11.422	972218	20.0
Fluoranthene, 2...	13.192	2.7	ng	160000	5	14.063	1178040	20.0