LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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 >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	485	490	500	rBV	19743	29843	1.37%	0.131%
2	5.487	555	560	583	rVB	236340	336815	15.45%	1.479%
3	6.498	727	732	748	rBV	232457	334980	15.37%	1.471%
4	6.869	790	795	805	rBV	244684	299379	13.73%	1.315%
5	7.433	886	891	906	rBV	159679	212864	9.77%	0.935%
6	8.157	1009	1014	1025	rBV	292481	398601	18.29%	1.751%
7	9.227	1191	1196	1205	rBV	340371	415793	19.08%	1.826%
8	9.569	1249	1254	1257	rBV	17019	23073	1.06%	0.101%
9	9.775	1284	1289	1296	rBV2	21130	25891	1.19%	0.114%
10	9.910	1306	1312	1316	rBV	285653	374000	17.16%	1.643%
11	9.945	1316	1318	1323	rVB	83233	84988	3.90%	0.373%
12	10.116	1343	1347	1351	rBV	43411	56093	2.57%	0.246%
13	10.463	1401	1406	1411	rBV	74159	94749	4.35%	0.416%
14	10.527	1411	1417	1419	rBV	12389	24364	1.12%	0.107%
15	10.622	1426	1433	1439	rVB	58108	86278	3.96%	0.379%
16	10.704	1439	1447	1452	rBV	142886	192896	8.85%	0.847%
17	10.810	1461	1465	1473	rVB7	11064	25477	1.17%	0.112%
18	11.010	1492	1499	1502	rBV3	24112	42325	1.94%	0.186%
19	11.139	1516	1521	1523	rBV2	18894	31852	1.46%	0.140%
20	11.210	1530	1533	1537	rVV	29190	33400	1.53%	0.147%
21	11.251	1537	1540	1545	rVV3	24472	39382	1.81%	0.173%
22	11.298	1545	1548	1555	rVB	46797	60941	2.80%	0.268%
23	11.427	1561	1570	1575	rBV2	860423	1404429	64.43%	6.168%
24	11.480	1575	1579	1583	rVV	223058	289362	13.28%	1.271%
25	11.516	1583	1585	1590	rVB	17955	22407	1.03%	0.098%
26	11.633	1600	1605	1612	rBV2	70316	118203	5.42%	0.519%
27	11.698	1612	1616	1619	rVV	22237	31068	1.43%	0.136%
28	11.739	1619	1623	1628	rVB3	18738	27272	1.25%	0.120%
29	11.904	1646	1651	1653	rBV	112864	144337	6.62%	0.634%
30	11.933	1653	1656	1660	rVB	164096	203626	9.34%	0.894%
31	11.980	1660	1664	1667	rBV	60141	75725	3.47%	0.333%
32	12.021	1667	1671	1679	rVB2	207044	380763	17.47%	1.672%
33	12.086	1679	1682	1685	rBV3	17313	26535	1.22%	0.117%
34	12.198	1697	1701	1704	rBV	84142	108054	4.96%	0.475%
35	12.233	1704	1707	1711	rVB	62534	75218	3.45%	0.330%
36	12.351	1722	1727	1730	rBV2	33266	50431	2.31%	0.221%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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 >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.404	1734	1736	1740	rVB	24175	28492	1.31%	0.125%
38	12.457	1740	1745	1748	rBV	76162	113789	5.22%	0.500%
39	12.492	1748	1751	1757	rVV4	51577	98785	4.53%	0.434%
40	12.551	1757	1761	1766	rVB2	84708	116925	5.36%	0.514%
41	12.627	1768	1774	1778	rBV	1562750	2080938	95.47%	9.139%
42	12.686	1778	1784	1786	rVV2	26298	37252	1.71%	0.164%
43	12.716	1786	1789	1792	rVB2	21093	22154	1.02%	0.097%
44	12.774	1792	1799	1806	rBV3	58338	108742	4.99%	0.478%
45	12.857	1806	1813	1818	rBV	1395947	2179706	100.00%	9.573%
46	12.898	1818	1820	1825	rVB2	72856	92230	4.23%	0.405%
47	12.986	1828	1835	1843	rVB3	330209	625574	28.70%	2.747%
48	13.068	1843	1849	1853	rBV2	122417	230076	10.56%	1.010%
49	13.180	1860	1868	1872	rBV	202394	369783	16.96%	1.624%
50	13.245	1875	1879	1882	rVV	135938	173873	7.98%	0.764%
51	13.280	1882	1885	1893	rVV3	151437	265990	12.20%	1.168%
52	13.339	1893	1895	1898	rVV	28098	28258	1.30%	0.124%
53	13.374	1898	1901	1904	rVV	65605	87670	4.02%	0.385%
54	13.410	1904	1907	1914	rVB3	85150	127788	5.86%	0.561%
55	13.604	1929	1940	1943	rBV3	50143	149444	6.86%	0.656%
56	13.692	1951	1955	1961	rVB	134787	175654	8.06%	0.771%
57	13.804	1969	1974	1976	rBV	167302	246884	11.33%	1.084%
58	13.827	1976	1978	1981	rVV	139396	183555	8.42%	0.806%
59	13.857	1981	1983	1988	rVV3	133578	233733	10.72%	1.027%
60	13.904	1988	1991	1997	rVB	153503	199575	9.16%	0.876%
61	13.968	1998	2002	2008	rBV	40723	70735	3.25%	0.311%
62	14.051	2008	2016	2019	rBV2	1089416	1906958	87.49%	8.375%
63	14.086	2019	2022	2029	rVB	795426	1069000	49.04%	4.695%
64	14.162	2031	2035	2039	rVB	98876	113006	5.18%	0.496%
65	14.204	2039	2042	2046	rBV4	42999	77666	3.56%	0.341%
66	14.280	2052	2055	2059	rVB3	75933	101000	4.63%	0.444%
67	14.404	2073	2076	2078	rBV2	38913	50193	2.30%	0.220%
68	14.439	2078	2082	2086	rVV	152389	225468	10.34%	0.990%
69	14.474	2086	2088	2092	rVB	63160	68836	3.16%	0.302%
70	14.568	2101	2104	2105	rBV	49402	49198	2.26%	0.216%
71	14.762	2134	2137	2140	rBV2	44461	63903	2.93%	0.281%
72	14.945	2164	2168	2175	rBV2	60143	104082	4.78%	0.457%
73	15.115	2191	2197	2208	rBV	648849	1604195	73.60%	7.045%
74	15.221	2211	2215	2222	rVB	109577	150585	6.91%	0.661%
75	15.315	2228	2231	2237	rBV3	29255	68865	3.16%	0.302%
76	15.427	2245	2250	2255	rVB	316509	512058	23.49%	2.249%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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 >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.492	2255	2261	2266	rVV	488921	732912	33.62%	3.219%
78	15.551	2266	2271	2274	rVV	175256	284894	13.07%	1.251%
79	15.586	2274	2277	2284	rVB	144833	231705	10.63%	1.018%
80	17.068	2521	2529	2538	rVB2	204178	447783	20.54%	1.967%
81	17.245	2553	2559	2564	rBV	43740	93935	4.31%	0.413%
82	17.303	2565	2569	2575	rVB2	29995	63327	2.91%	0.278%
83	17.527	2600	2607	2624	rVB	152423	376403	17.27%	1.653%
84	17.774	2643	2649	2666	rVB2	47464	144568	6.63%	0.635%

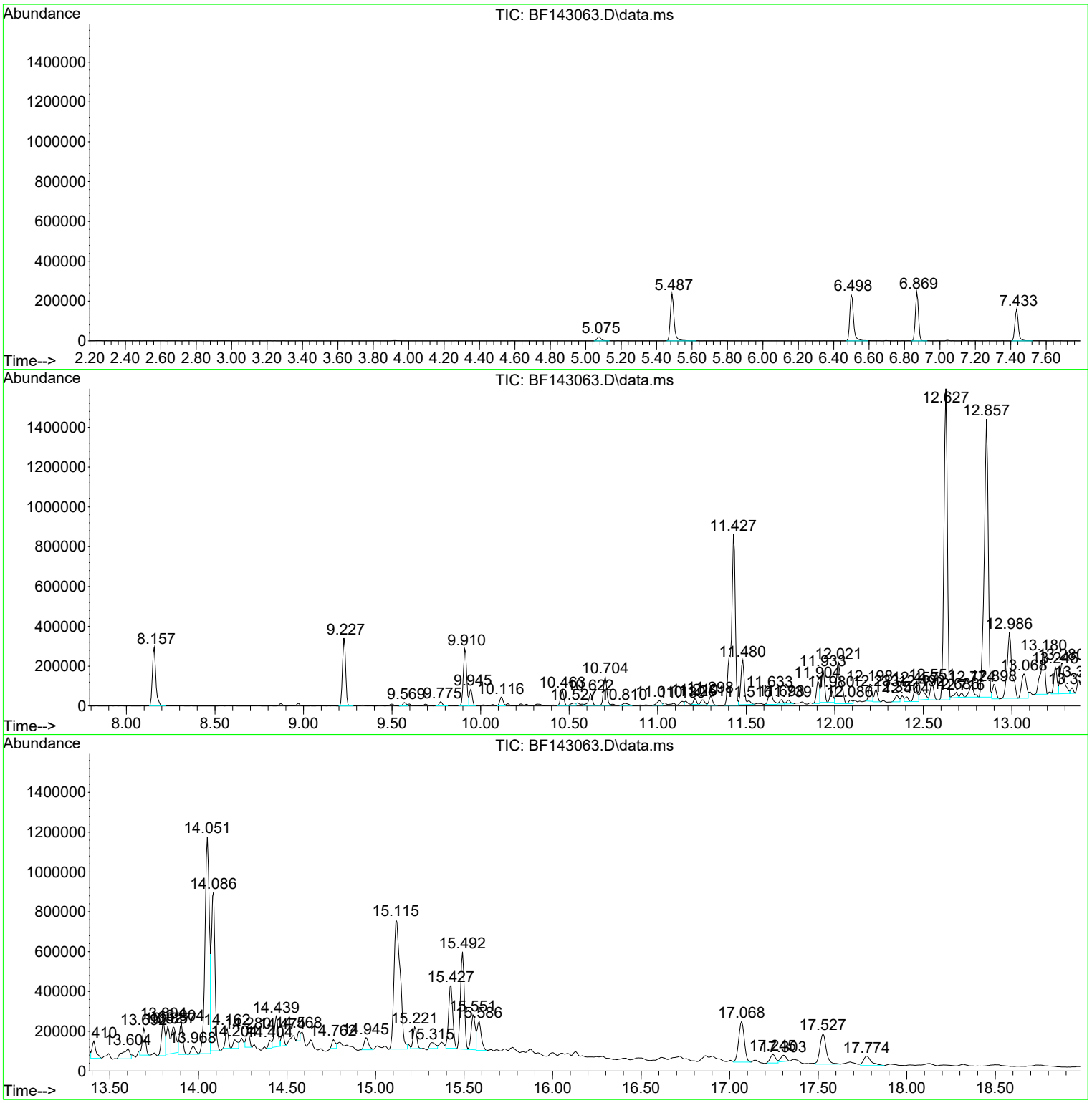
Sum of corrected areas: 22769559

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

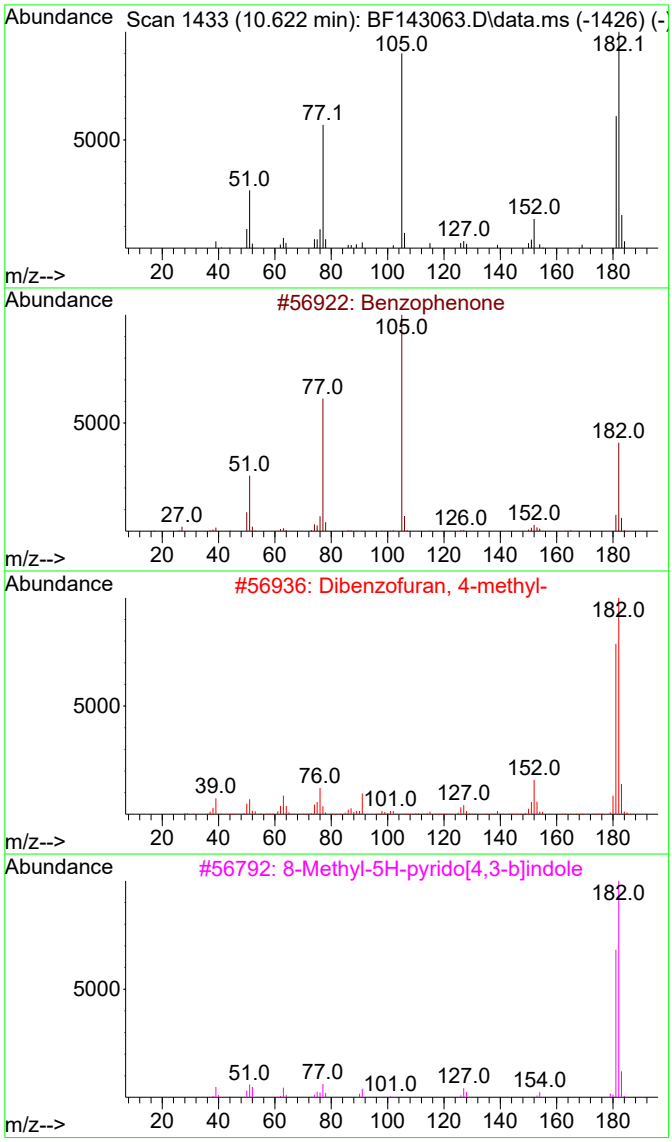
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

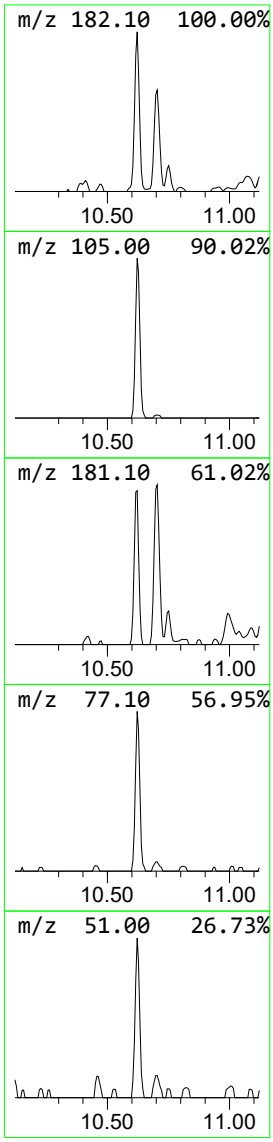
****

Peak Number 1 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	4.61 ng	86278	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	49
4	Azobenzene	182	C12H10N2	000103-33-3	49
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

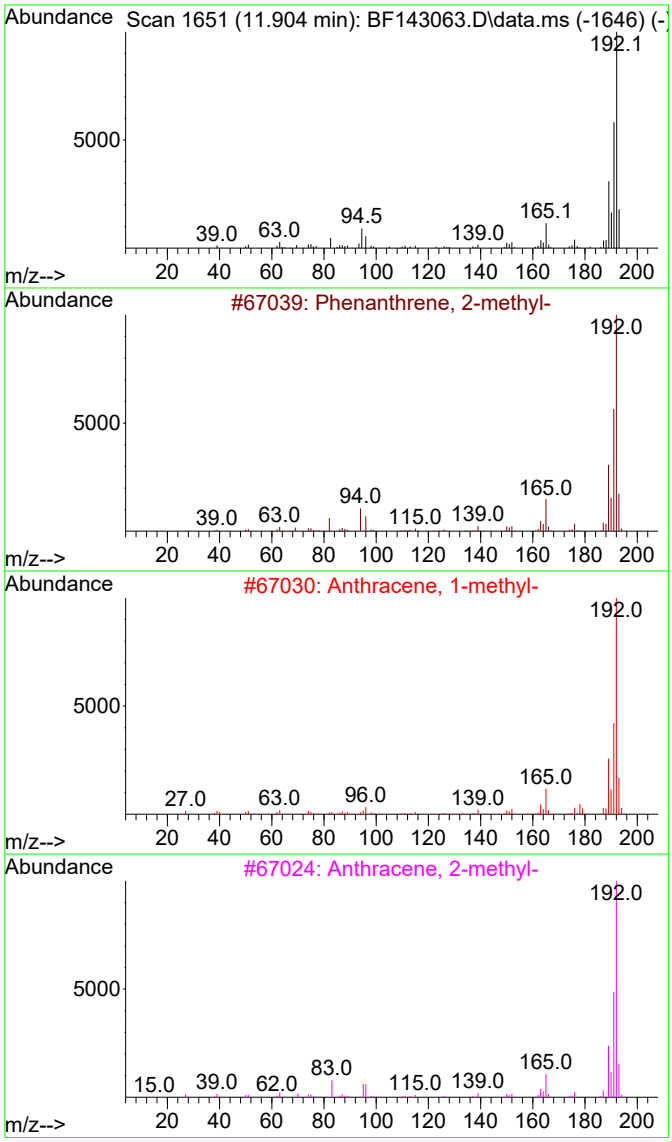
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

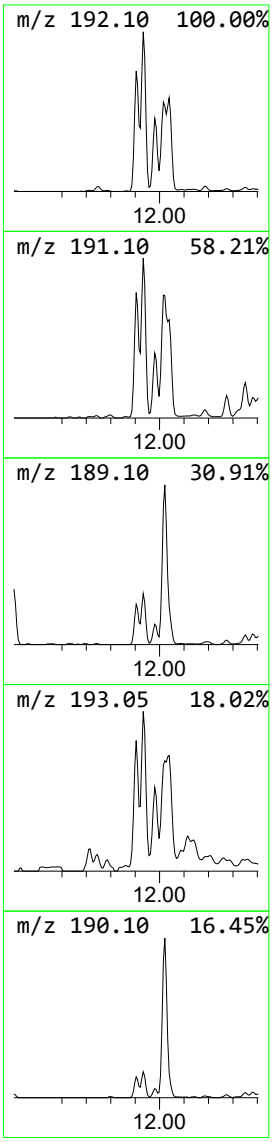
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	2.06 ng	144337	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

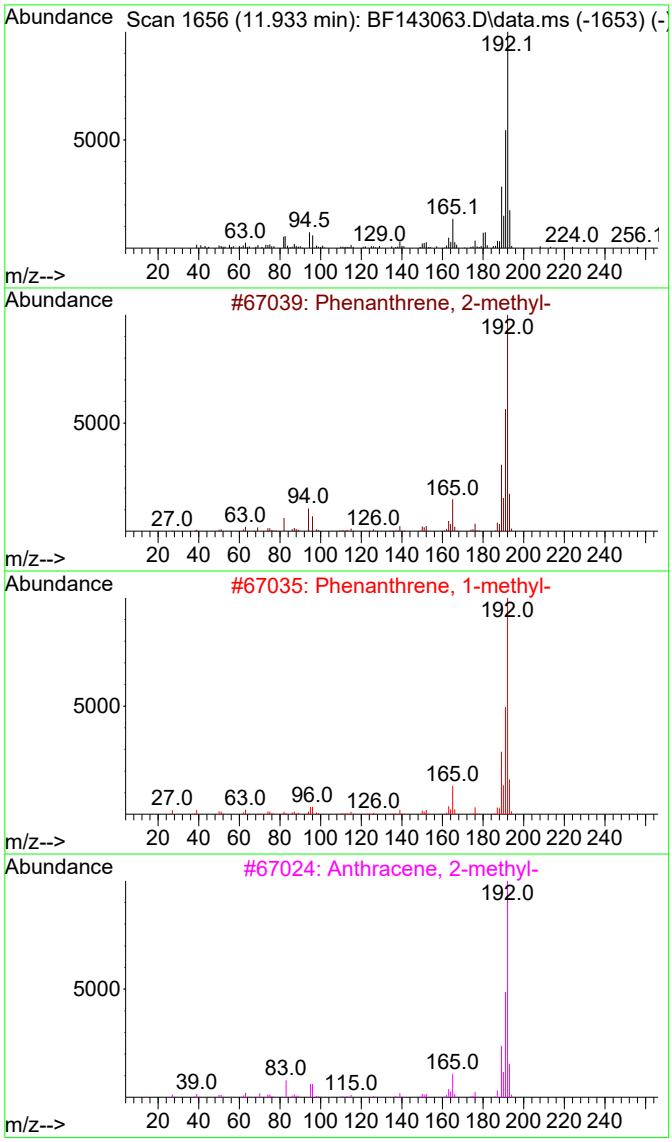
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

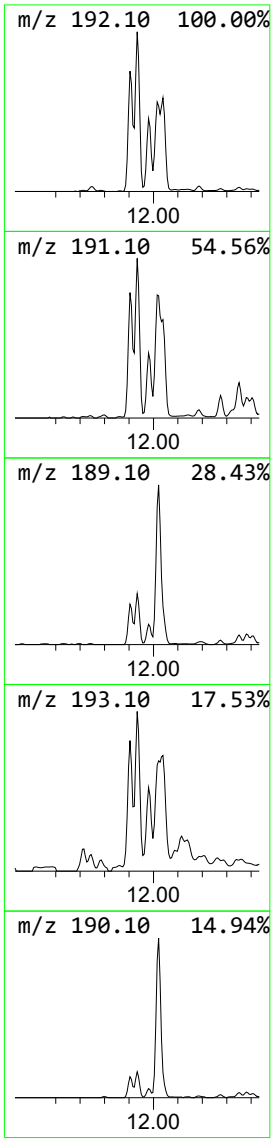
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.90 ng	203626	Phenanthrene-d10	11.404

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

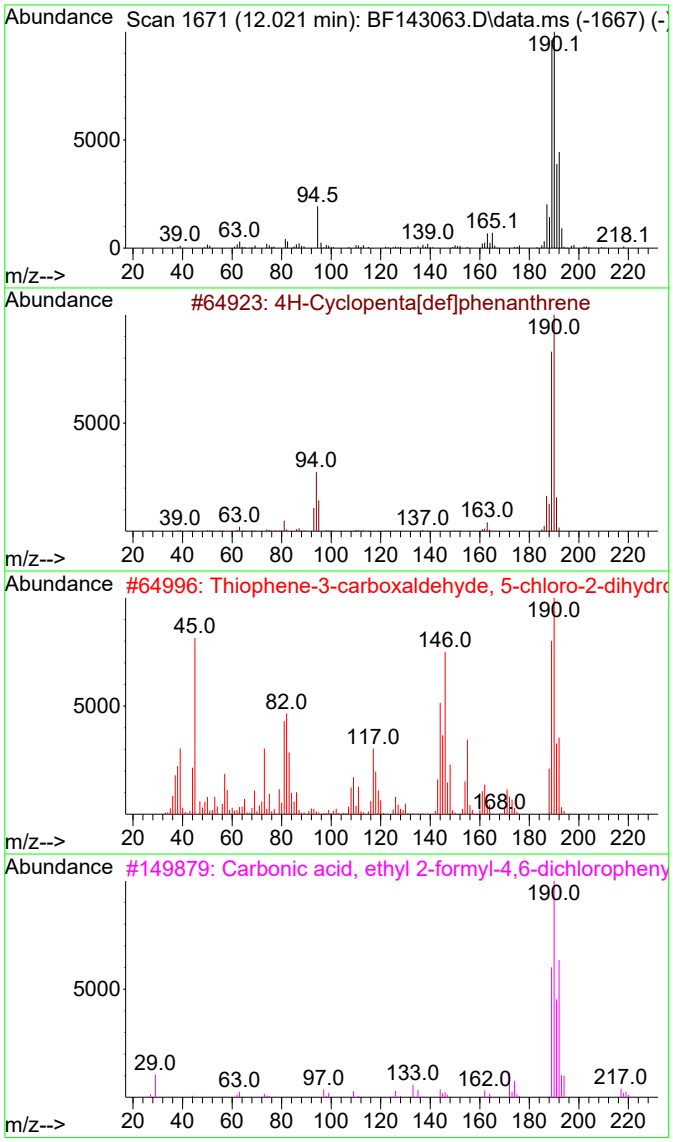
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

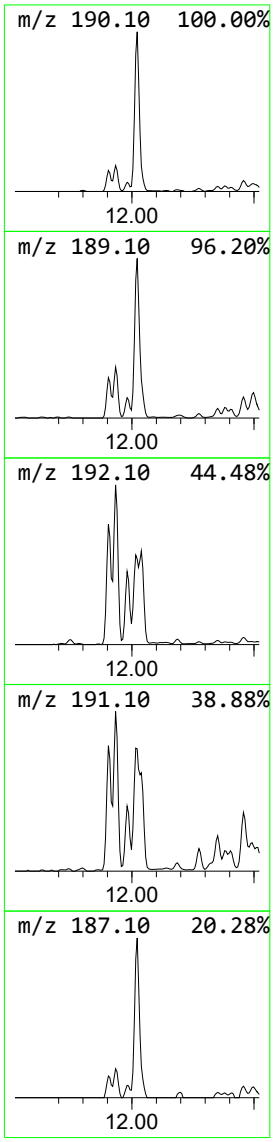
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	5.42 ng	380763	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

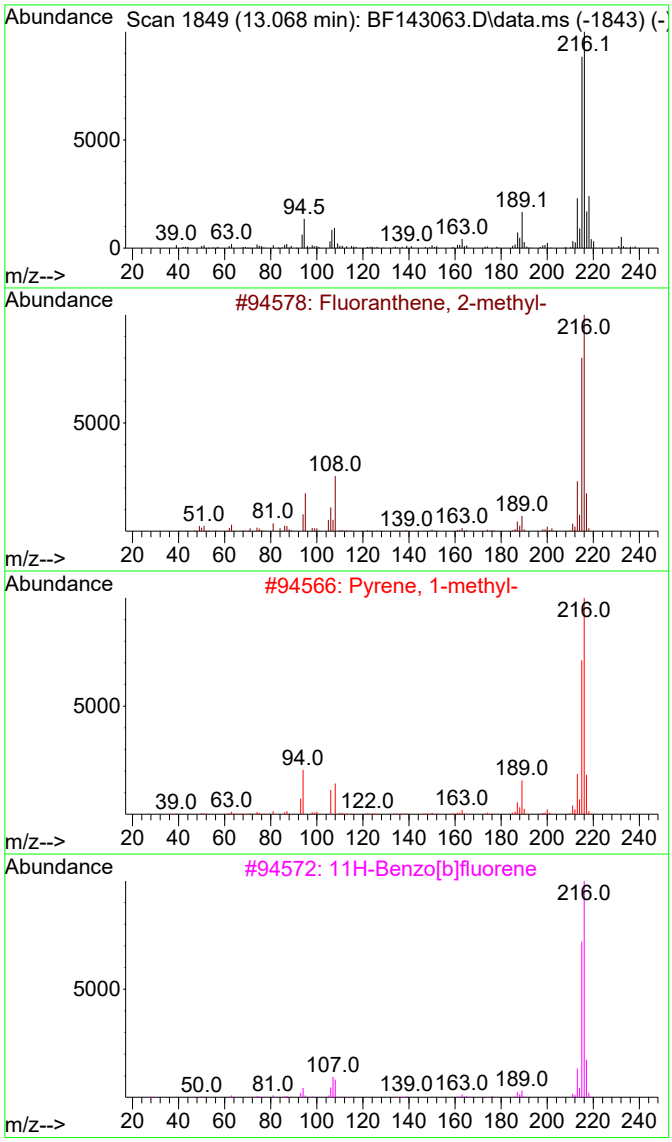
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

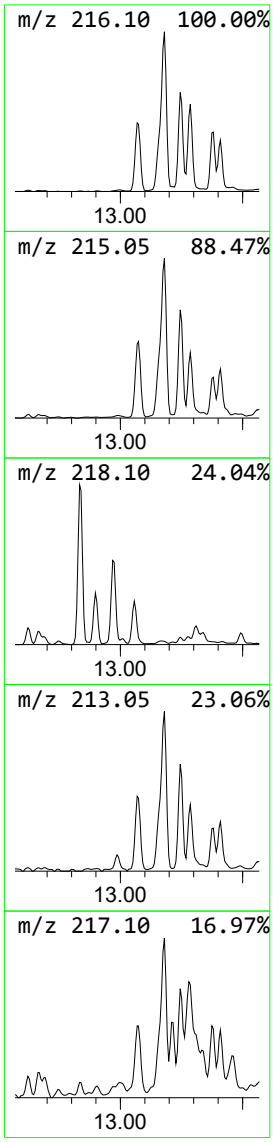
****

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.068	2.41 ng	230076	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

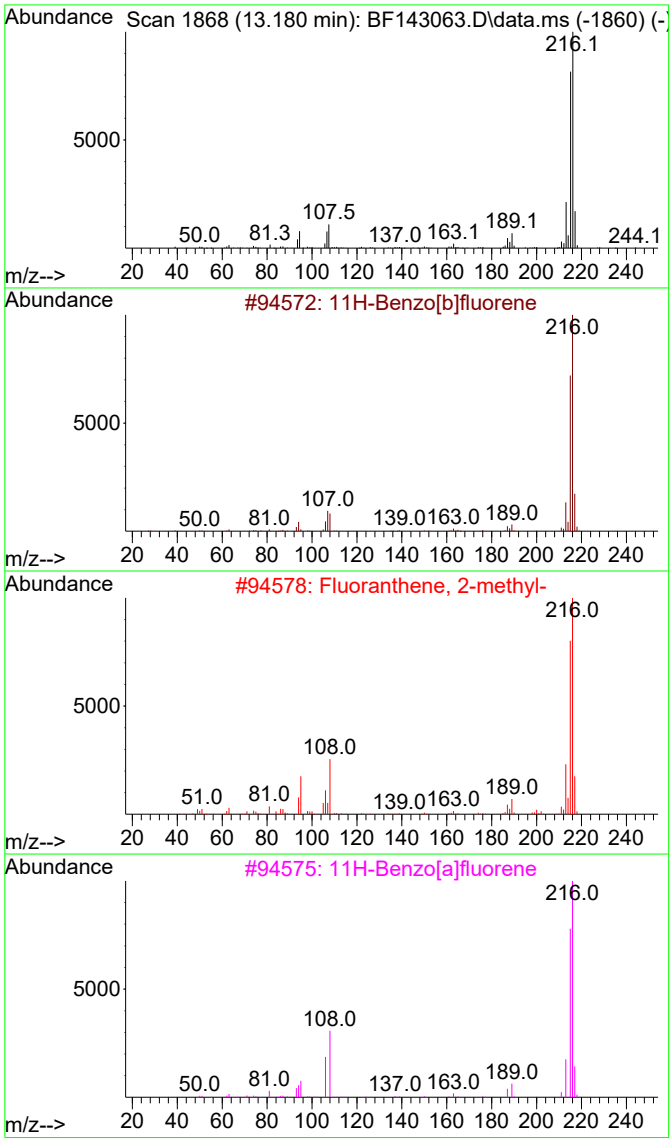
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

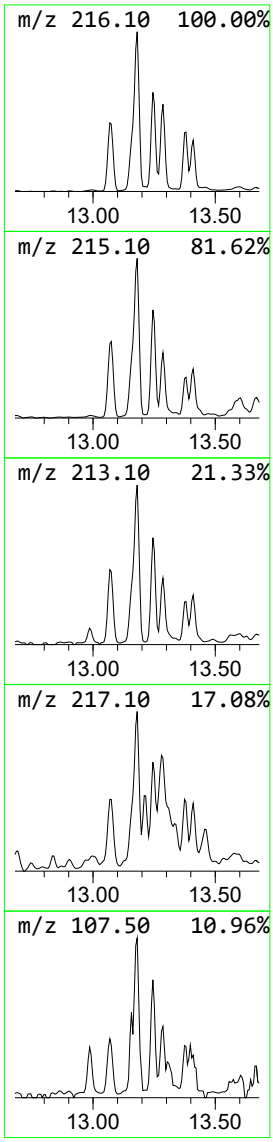
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.88 ng	369783	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

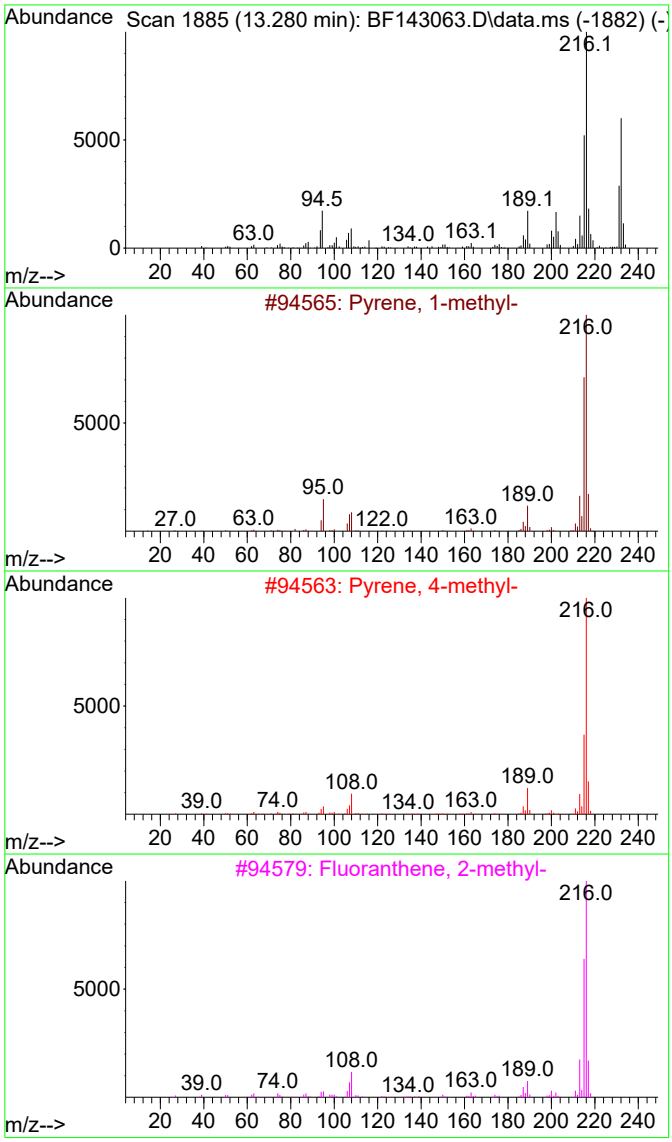
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

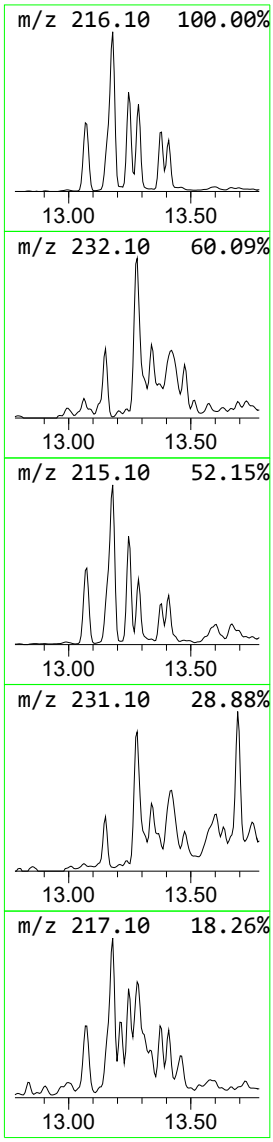
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.79 ng	265990	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

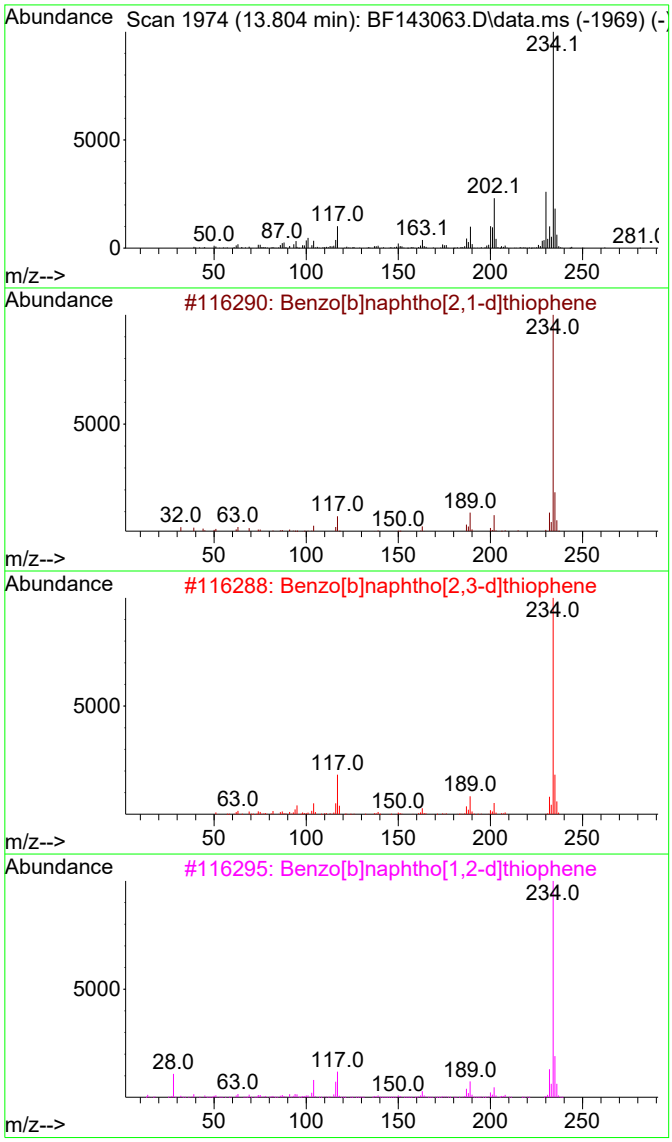
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

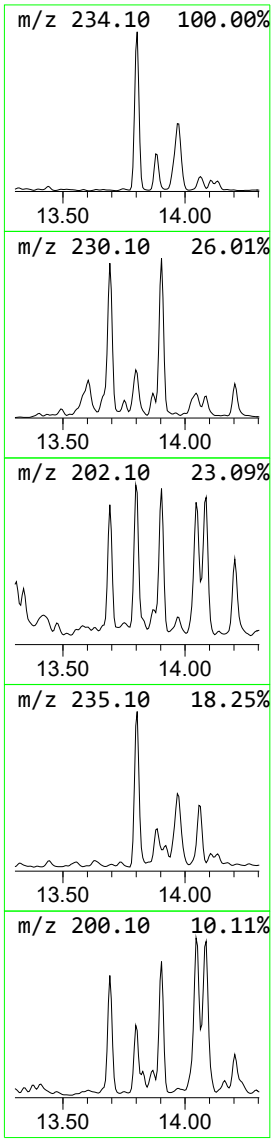
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.59 ng	246884	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4	1,9,12-Trioxa-4,6-diazacyclotetr...	234	C9H18N2O3S	075491-64-4	50
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

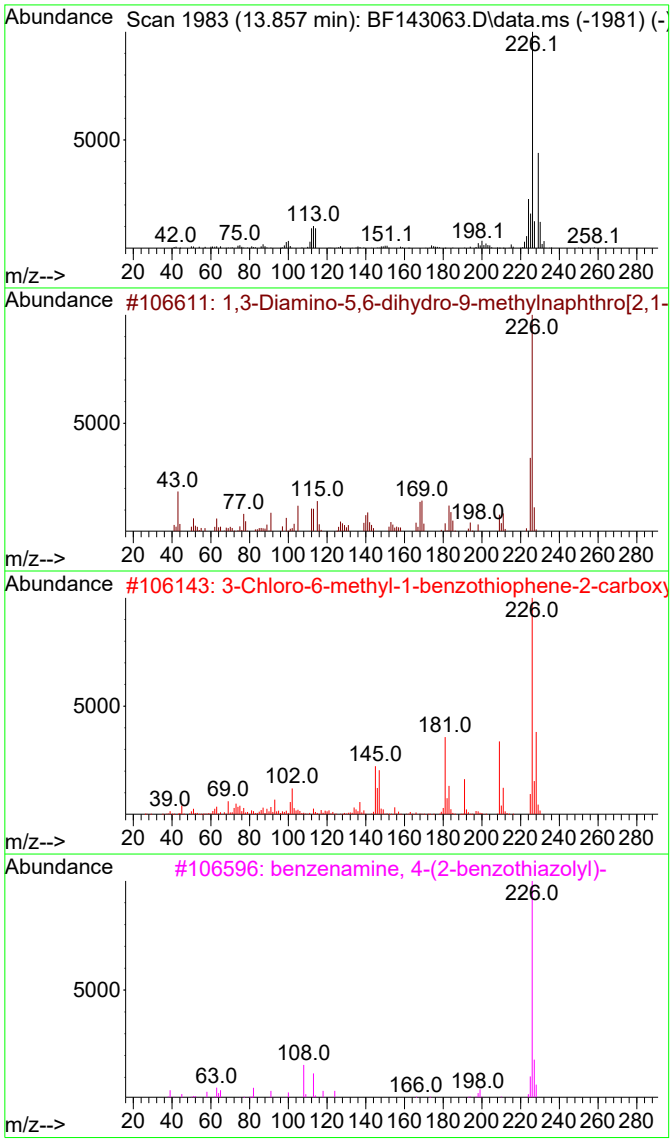
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

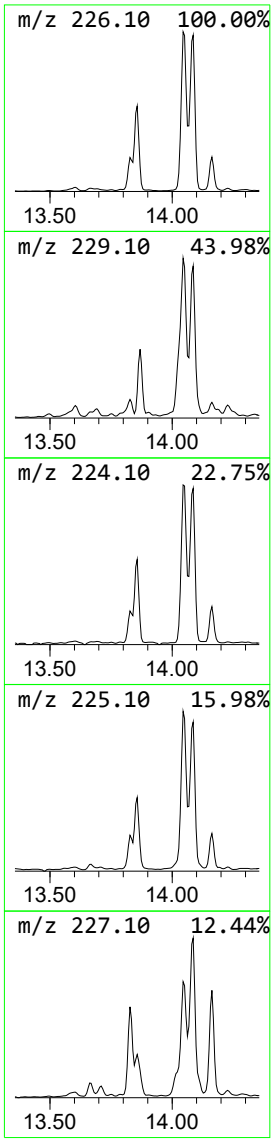
****

Peak Number 9 unknown13.857 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.45 ng	233733	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	32
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	32
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

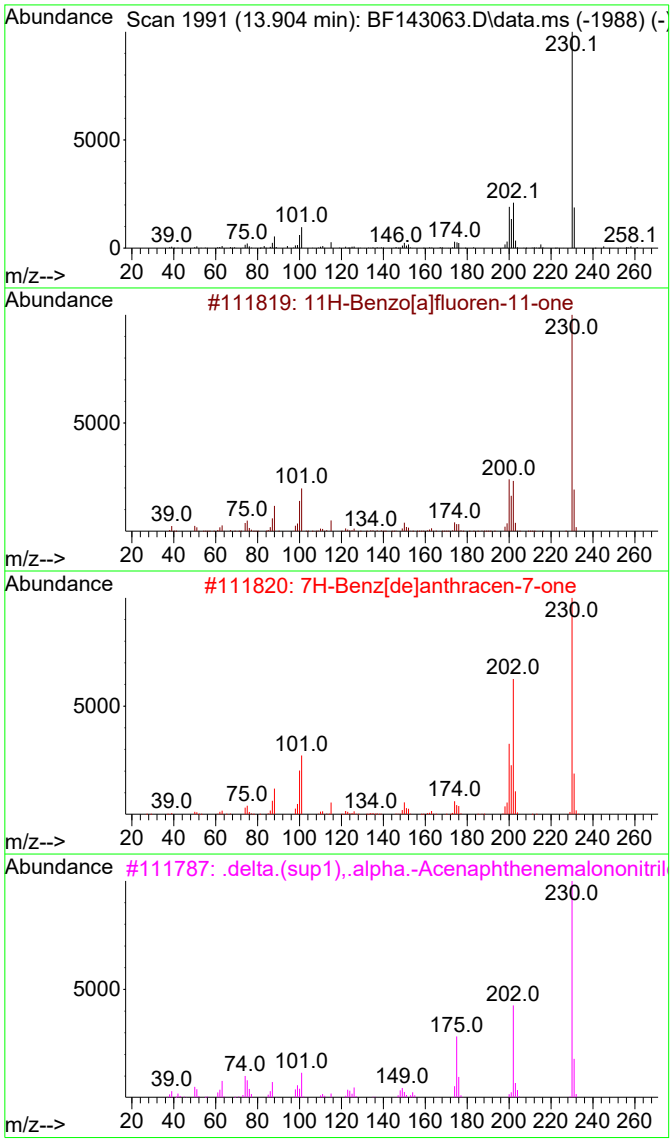
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

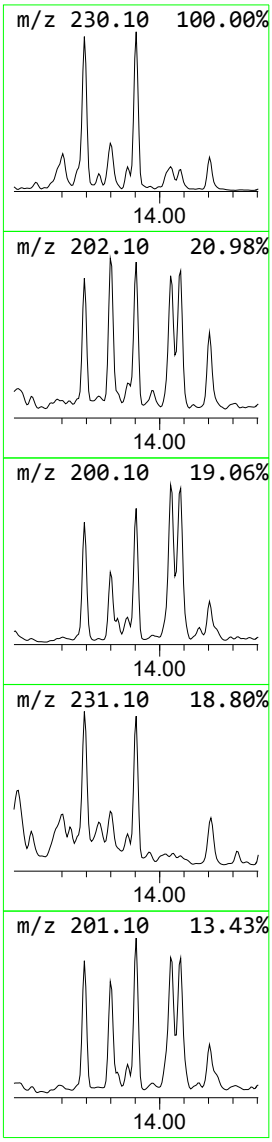
****

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.09 ng	199575	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

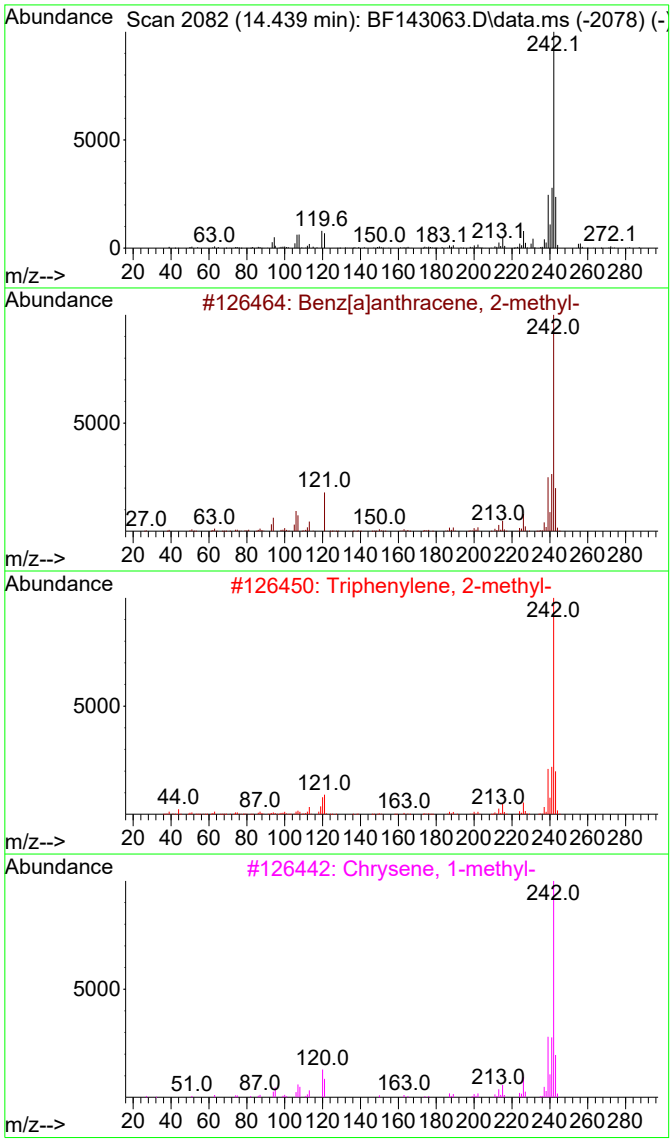
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

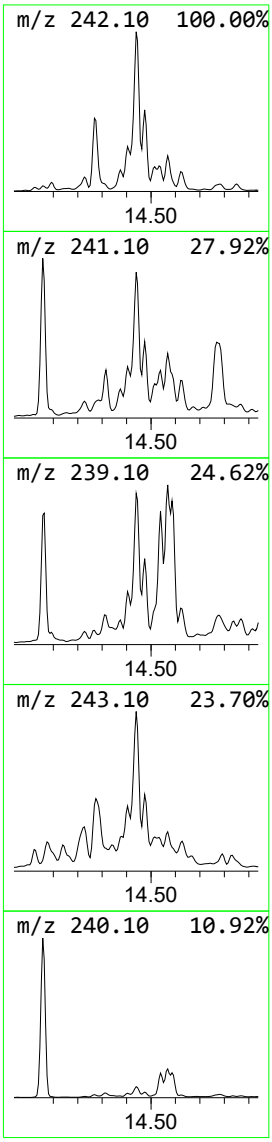
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benz[a]anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	2.36 ng	225468	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	92
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

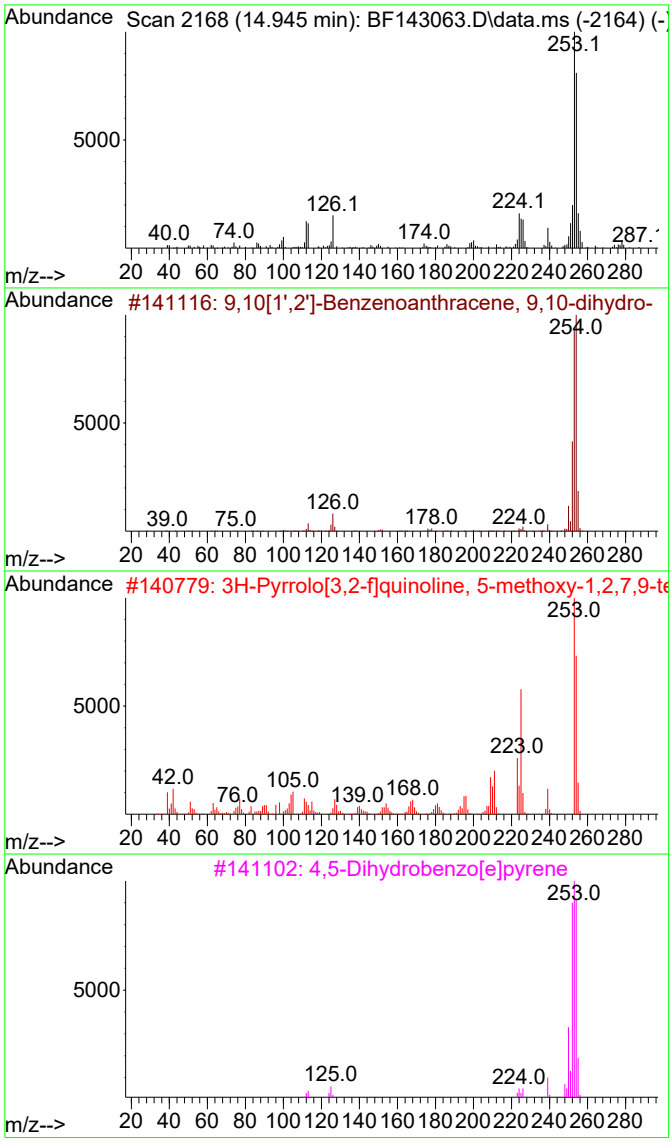
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

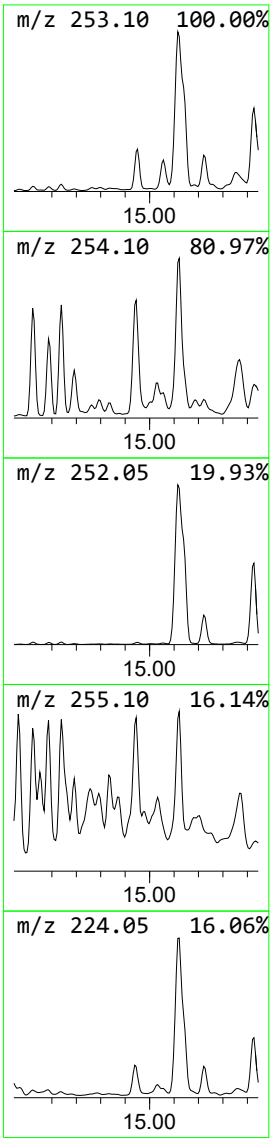
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10[1',2']-Benzenoanthrace... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	7.31 ng	104082	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74
2	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	72
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

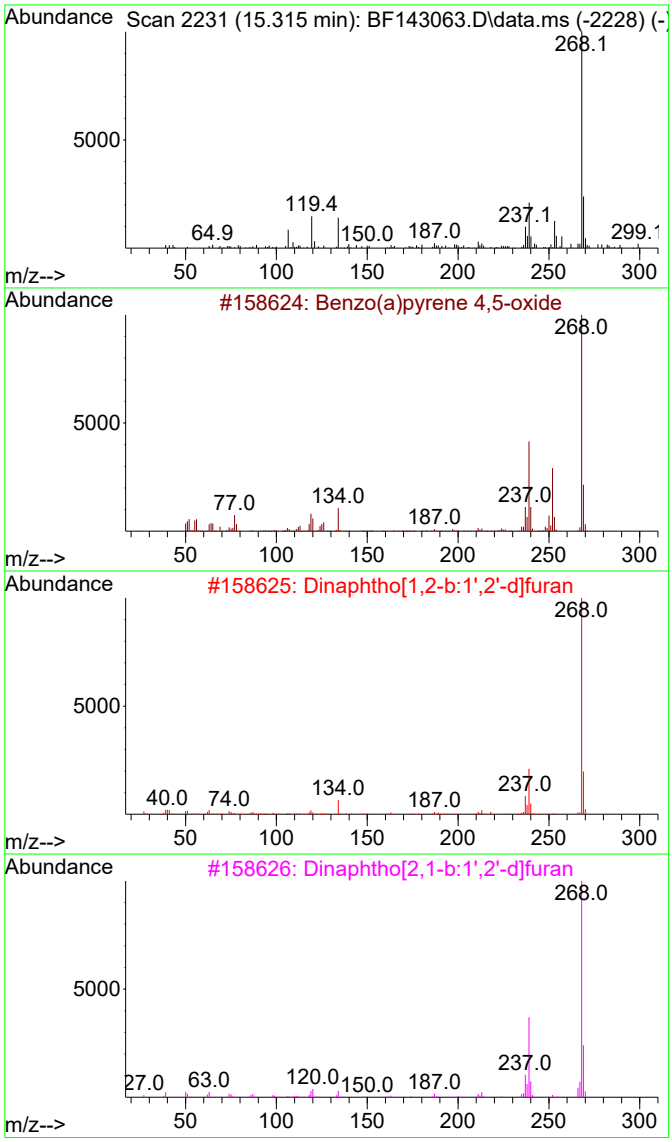
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

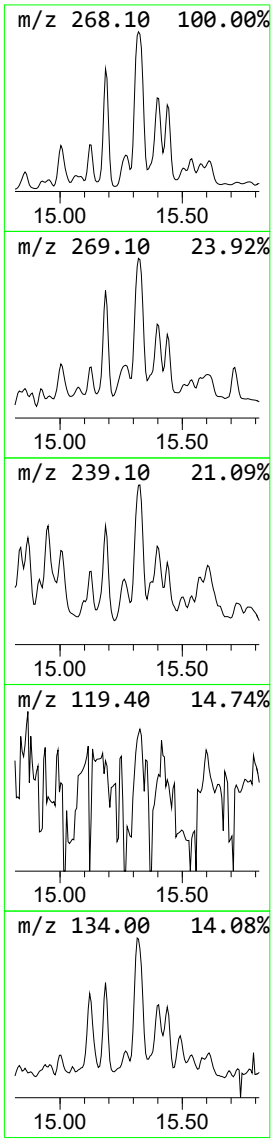
****

Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	4.83 ng	68865	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	91
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
4	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	59
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

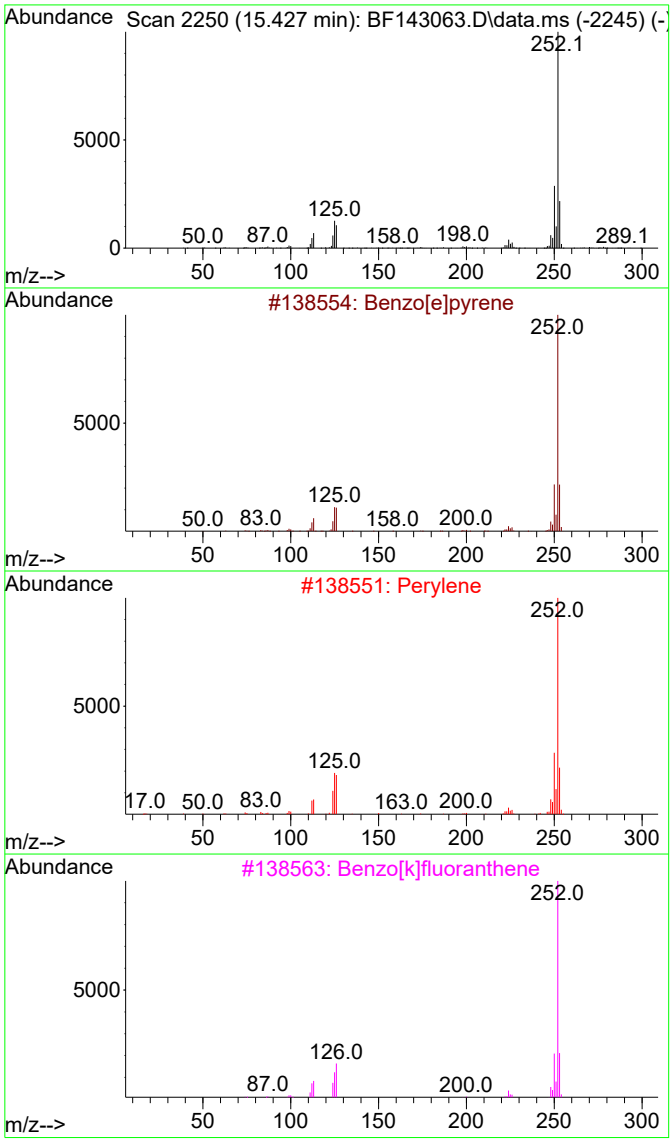
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

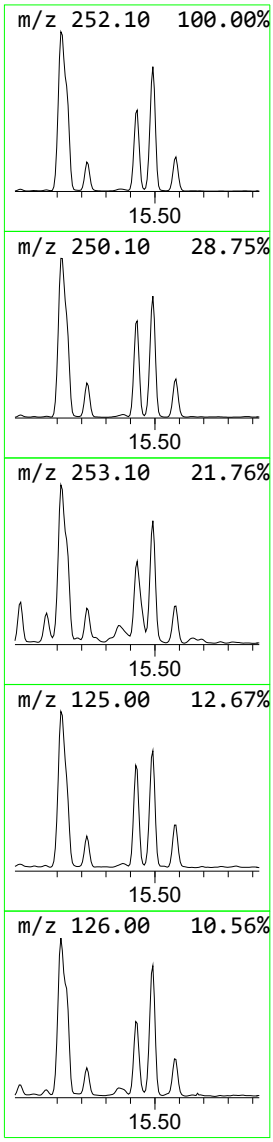
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	35.95 ng	512058	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

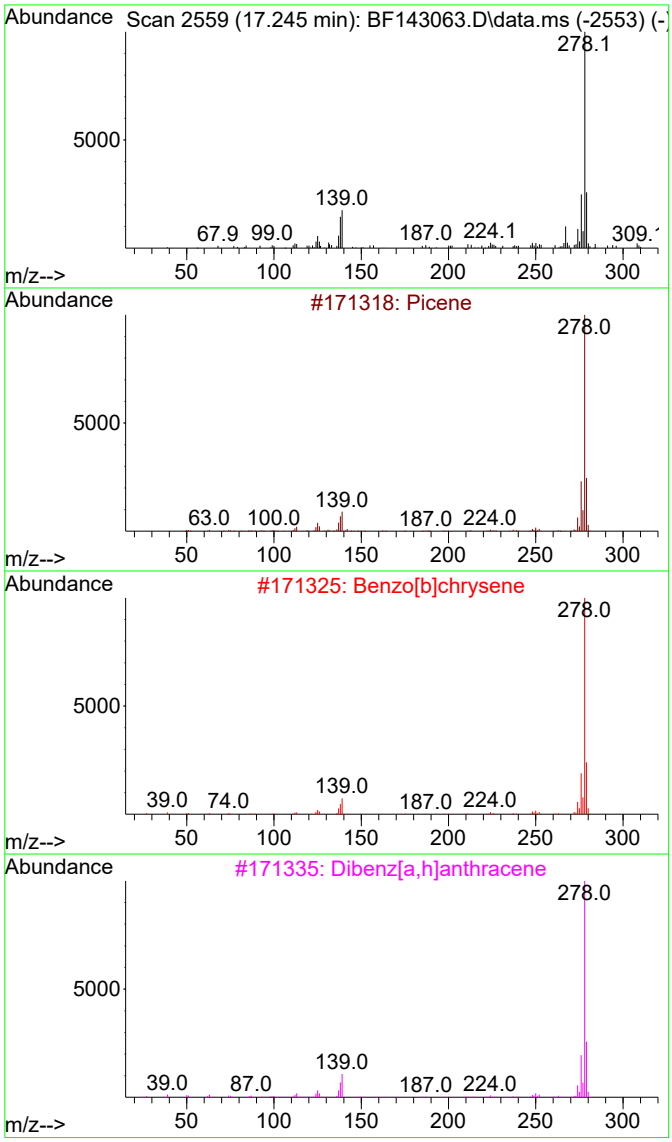
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

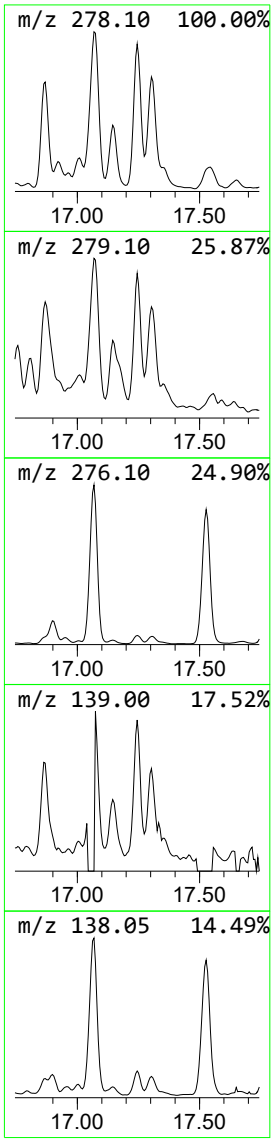
****

Peak Number 16 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	6.59 ng	93935	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[b]chrysene	278	C22H14	000214-17-5	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Pentaphene	278	C22H14	000222-93-5	96
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

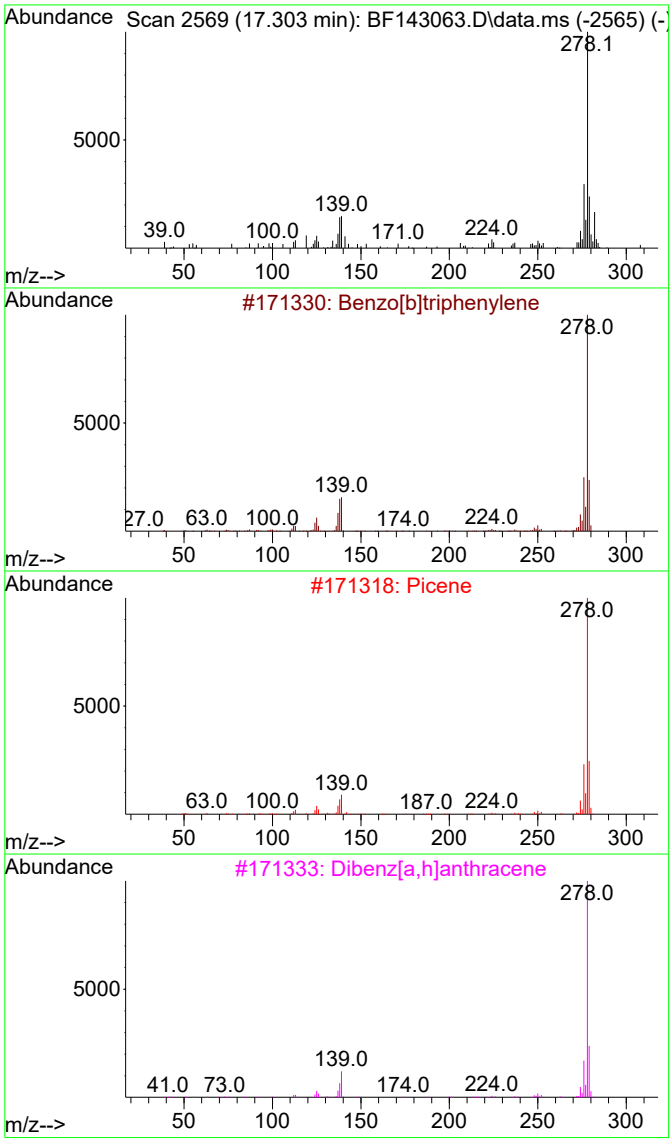
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

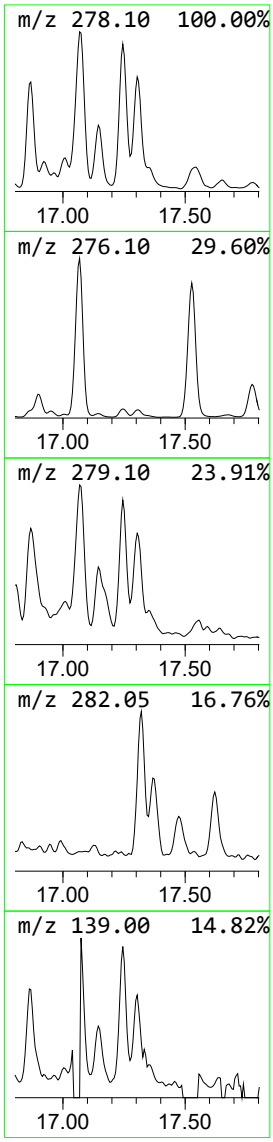
****

Peak Number 17 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.303	4.45 ng	63327	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4	Pentacene	278	C22H14	000135-48-8	89
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

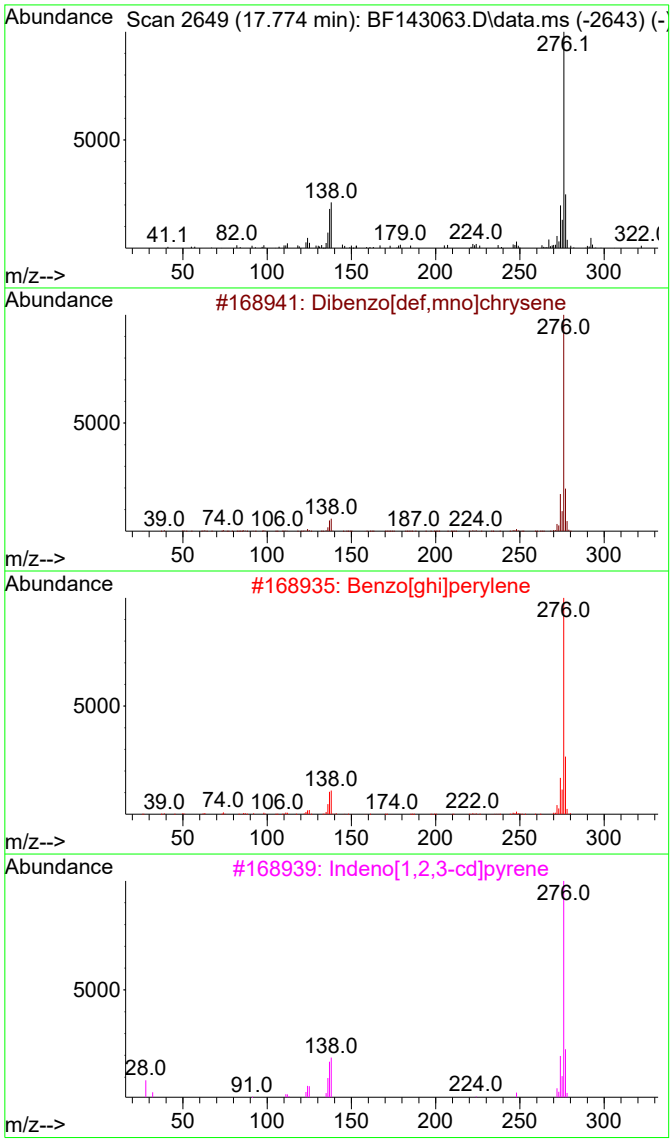
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

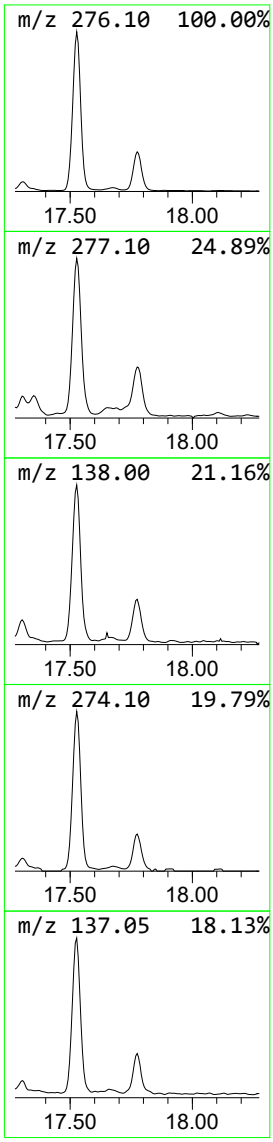
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.774	10.15 ng	144568	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.621	4.6	ng	86278	3	9.910	374000	20.0
Phenanthrene, 2...	11.904	2.1	ng	144337	4	11.404	1404430	20.0
Phenanthrene, 1...	11.933	2.9	ng	203626	4	11.404	1404430	20.0
4H-Cyclopenta[d...	12.021	5.4	ng	380763	4	11.404	1404430	20.0
Fluoranthene, 2...	13.068	2.4	ng	230076	5	14.057	1906960	20.0
11H-Benzo[b]flu...	13.180	3.9	ng	369783	5	14.057	1906960	20.0
Pyrene, 1-methyl-	13.280	2.8	ng	265990	5	14.057	1906960	20.0
Benzo[b]naphtho...	13.804	2.6	ng	246884	5	14.057	1906960	20.0
unknown13.857	13.857	2.5	ng	233733	5	14.057	1906960	20.0
11H-Benzo[a]flu...	13.904	2.1	ng	199575	5	14.057	1906960	20.0
Benz[a]anthrace...	14.439	2.4	ng	225468	5	14.057	1906960	20.0
9,10[1',2']-Ben...	14.945	7.3	ng	104082	6	15.551	284894	20.0
Benzo(a)pyrene ...	15.315	4.8	ng	68865	6	15.551	284894	20.0
Benzo[e]pyrene	15.427	36.0	ng	512058	6	15.551	284894	20.0
Picene	17.245	6.6	ng	93935	6	15.551	284894	20.0
Benzo[b]triphen...	17.303	4.5	ng	63327	6	15.551	284894	20.0
Dibenzo[def,mno...	17.774	10.2	ng	144568	6	15.551	284894	20.0