LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FENCE WC-2

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144411.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	484	490	502	rVB	100837	151620	19.26%	1.831%
2	5.487	555	560	578	rBV	377559	533122	67.73%	6.437%
3	6.492	726	731	753	rBV	323831	489305	62.16%	5.908%
4	6.863	789	794	799	rBV	156260	200628	25.49%	2.422%
5	7.422	884	889	899	rBV	237317	313293	39.80%	3.783%
6	7.886	963	968	973	rBV	122499	147731	18.77%	1.784%
7	8.145	1007	1012	1021	rBV	169461	226774	28.81%	2.738%
8	9.216	1189	1194	1204	rBV	452090	562509	71.46%	6.792%
9	9.763	1282	1287	1292	rVB	11846	14572	1.85%	0.176%
10	9.898	1305	1310	1315	rBV	188586	238359	30.28%	2.878%
11	10.316	1375	1381	1385	rBV	12710	17508	2.22%	0.211%
12	10.451	1400	1404	1410	rVB	7127	10745	1.37%	0.130%
13	10.610	1425	1431	1438	rBV	47285	64773	8.23%	0.782%
14	10.692	1440	1445	1455	rVV	269537	353286	44.88%	4.266%
15	10.922	1480	1484	1489	rVB	11927	15094	1.92%	0.182%
16	10.998	1489	1497	1500	rBV5	4917	9668	1.23%	0.117%
17	11.198	1527	1531	1535	rBV	8149	9877	1.25%	0.119%
18	11.286	1542	1546	1551	rVB	9711	14142	1.80%	0.171%
19	11.392	1558	1564	1566	rBV	212074	287727	36.55%	3.474%
20	11.416	1566	1568	1573	rVV	147143	158834	20.18%	1.918%
21	11.469	1573	1577	1580	rVV	20247	23754	3.02%	0.287%
22	11.622	1597	1603	1611	rBV2	34000	70559	8.96%	0.852%
23	11.727	1617	1621	1625	rVB3	12428	18413	2.34%	0.222%
24	11.916	1645	1653	1660	rVV3	125459	259051	32.91%	3.128%
25	12.004	1664	1668	1677	rVB2	56306	123184	15.65%	1.487%
26	12.080	1677	1681	1686	rBV7	8425	17929	2.28%	0.216%
27	12.163	1691	1695	1698	rBV2	31608	43381	5.51%	0.524%
28	12.192	1698	1700	1702	rVV	18396	18407	2.34%	0.222%
29	12.221	1702	1705	1710	rVB	31518	40775	5.18%	0.492%
30	12.269	1710	1713	1718	rBV6	4506	8589	1.09%	0.104%
31	12.339	1719	1725	1727	rBV3	13387	22847	2.90%	0.276%
32	12.369	1727	1730	1733	rBV	10132	12632	1.60%	0.153%
33	12.445	1738	1743	1746	rBV	46158	65274	8.29%	0.788%
34	12.480	1746	1749	1755	rVB3	24003	39081	4.96%	0.472%
35	12.533	1755	1758	1763	rVB	25497	33502	4.26%	0.405%
36	12.610	1766	1771	1776	rBV	332444	429692	54.59%	5.188%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.651	1776	1778	1780	rBV3	7898	8711	1.11%	0.105%
38	12.704	1783	1787	1791	rVB2	25004	32331	4.11%	0.390%
39	12.839	1803	1810	1816	rBV	325575	476968	60.60%	5.759%
40	12.892	1816	1819	1824	rVB2	24417	32534	4.13%	0.393%
41	12.980	1827	1834	1842	rBV	574701	787133	100.00%	9.504%
42	13.057	1843	1847	1852	rBV2	40842	69972	8.89%	0.845%
43	13.163	1859	1865	1869	rBV	48025	95321	12.11%	1.151%
44	13.233	1875	1877	1880	rVB	17285	17078	2.17%	0.206%
45	13.274	1880	1884	1892	rBV2	50215	77608	9.86%	0.937%
46	13.368	1896	1900	1902	rBV	32155	39145	4.97%	0.473%
47	13.398	1902	1905	1911	rVV2	29208	40544	5.15%	0.490%
48	13.457	1912	1915	1922	rVB2	29414	45365	5.76%	0.548%
49	13.680	1950	1953	1957	rBV	40967	57641	7.32%	0.696%
50	14.039	2009	2014	2017	rBV2	349722	578349	73.48%	6.983%
51	15.092	2189	2193	2201	rBV	137899	329461	41.86%	3.978%
52	15.398	2242	2245	2251	rVB	65797	91094	11.57%	1.100%
53	15.462	2252	2256	2262	rVV	108380	166770	21.19%	2.014%
54	15.527	2262	2267	2283	rVB2	155293	289330	36.76%	3.493%

Sum of corrected areas: 8281992

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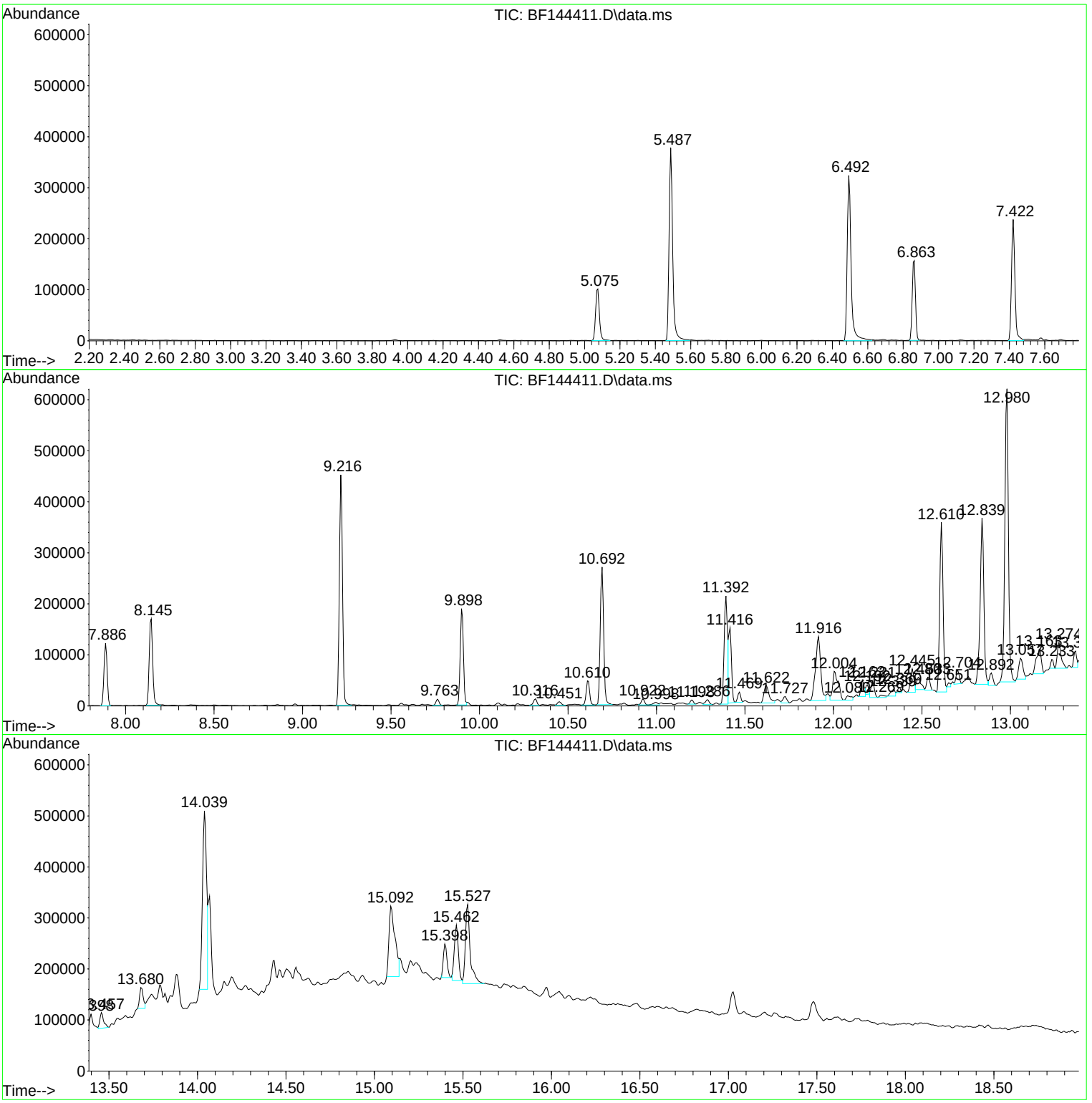
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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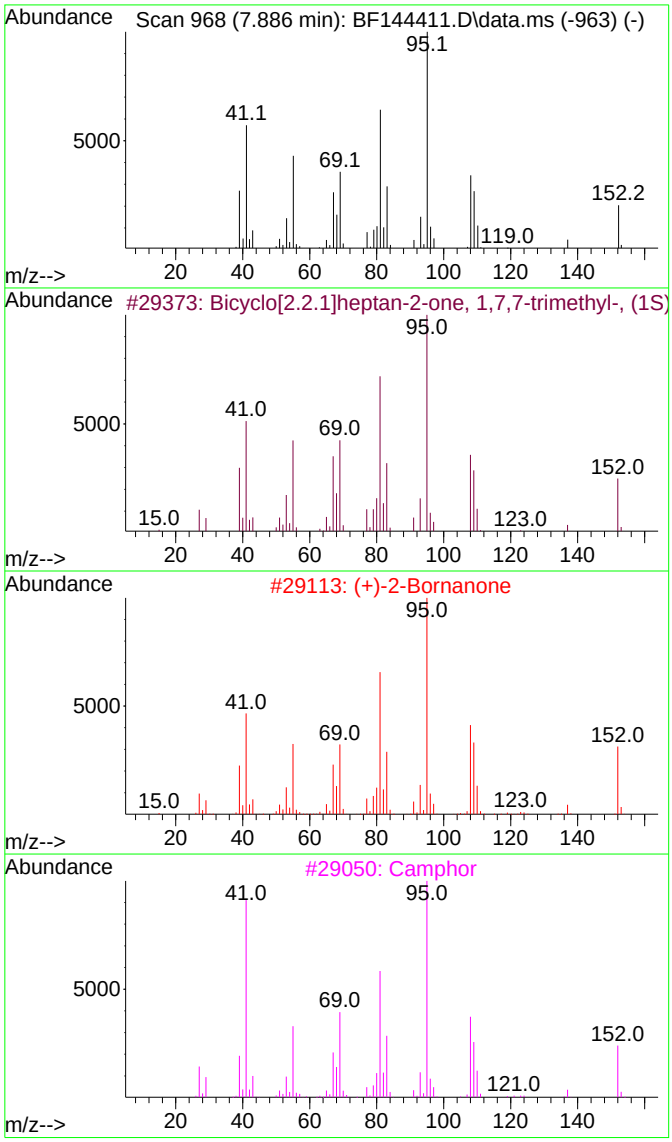
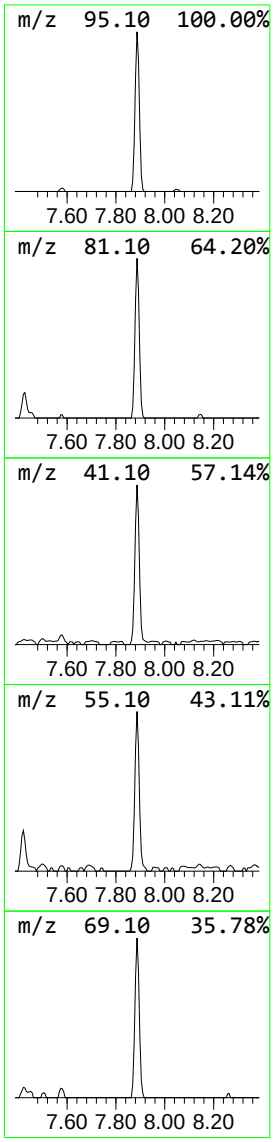
Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.886	13.03 ng	147731	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Camphor	152	C10H16O	000076-22-2	97
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	58
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

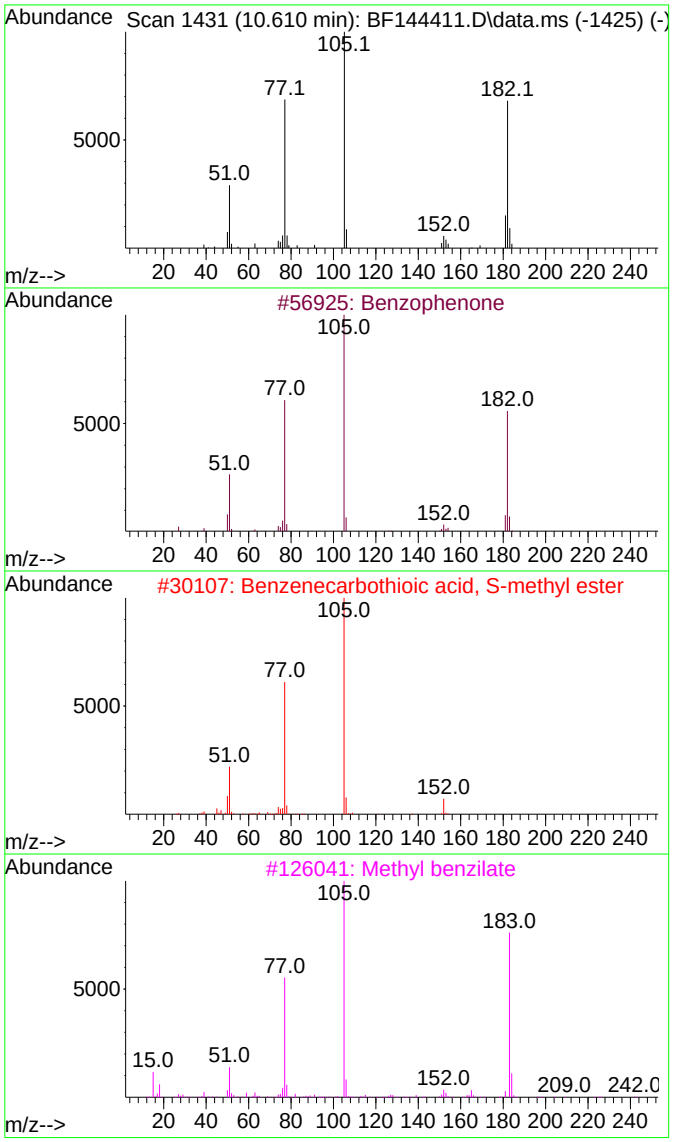
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

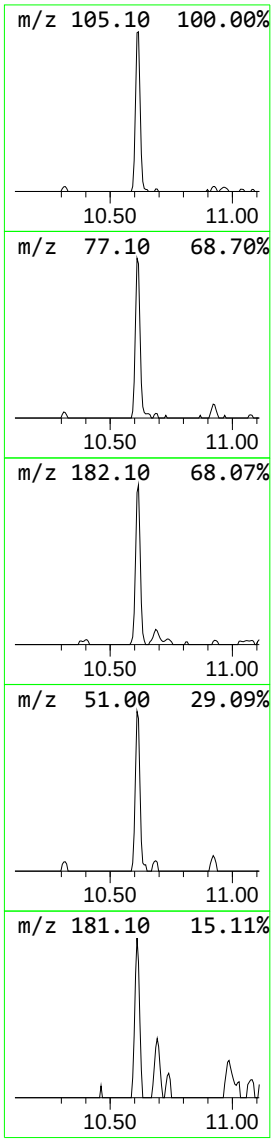
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	5.43 ng	64773	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
3	Methyl benzilate	242	C15H14O3	000076-89-1	43
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	38
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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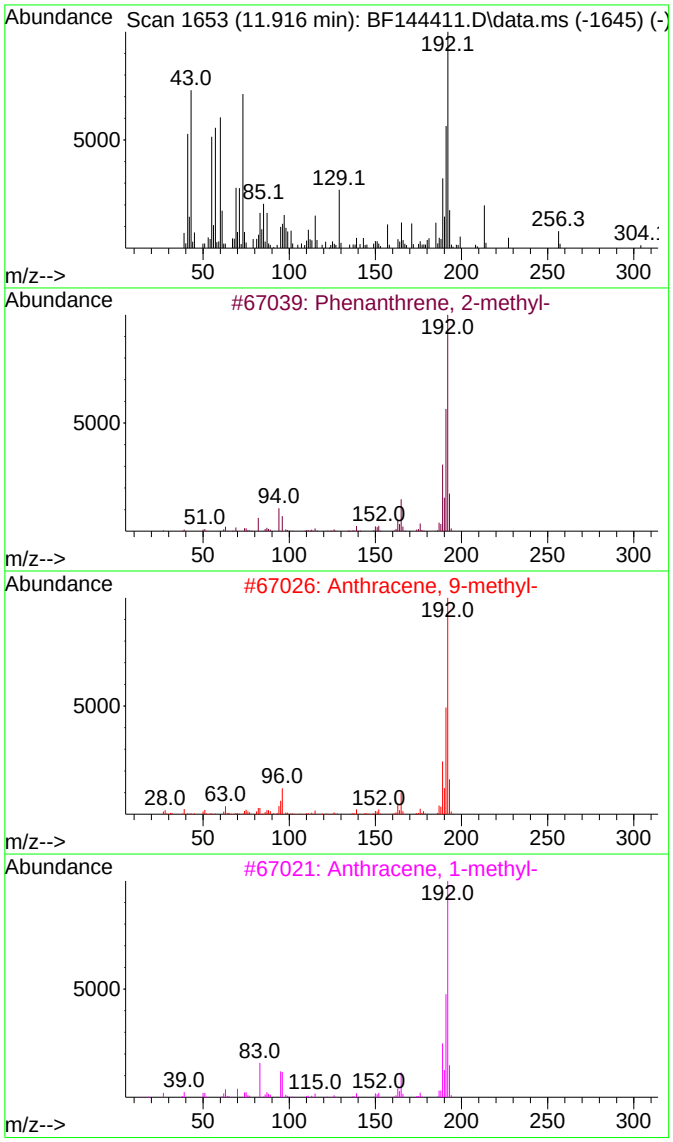
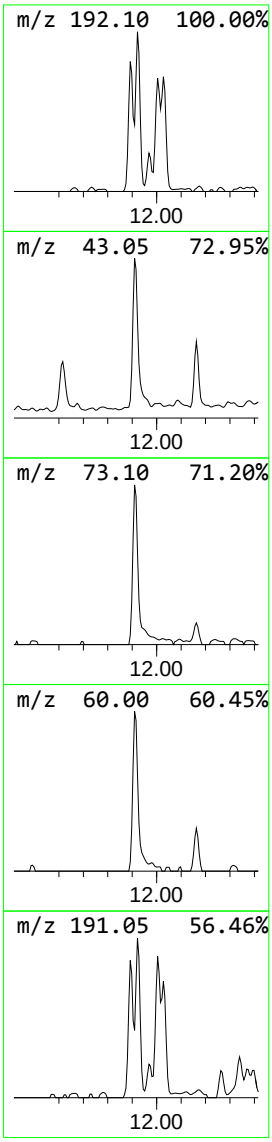
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	18.01 ng	259051	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
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Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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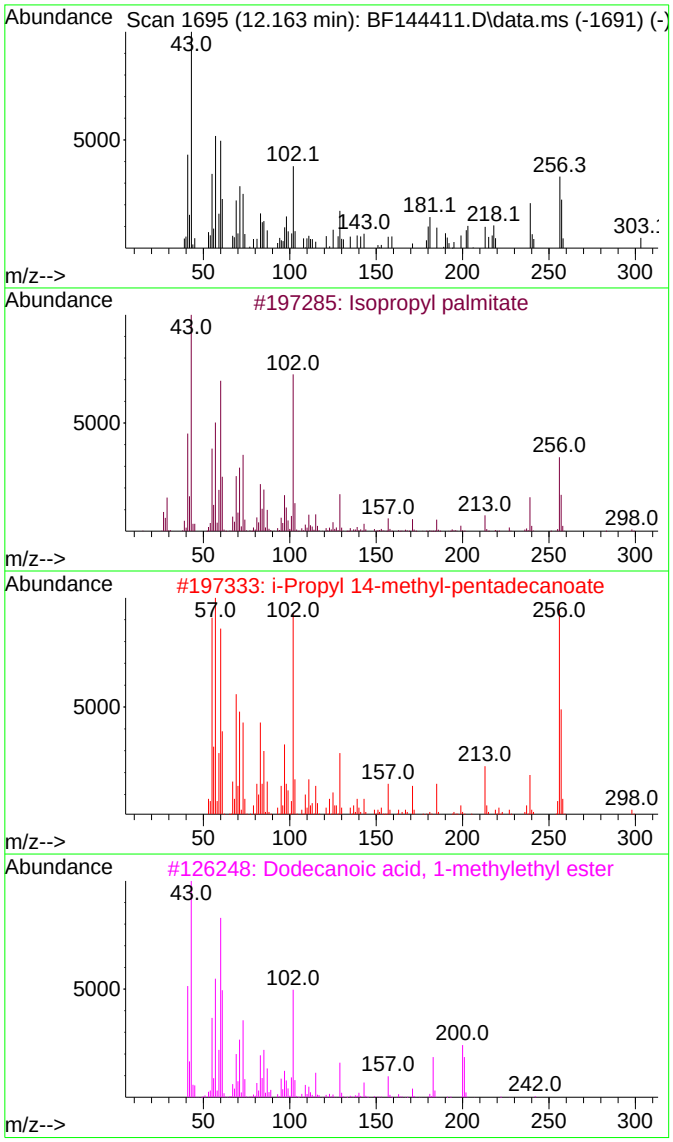
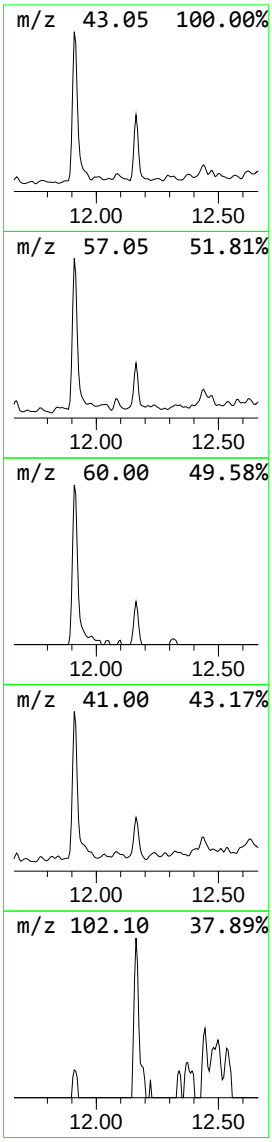
Peak Number 7 Isopropyl palmitate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	3.02 ng	43381	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	86
2	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	43
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	38
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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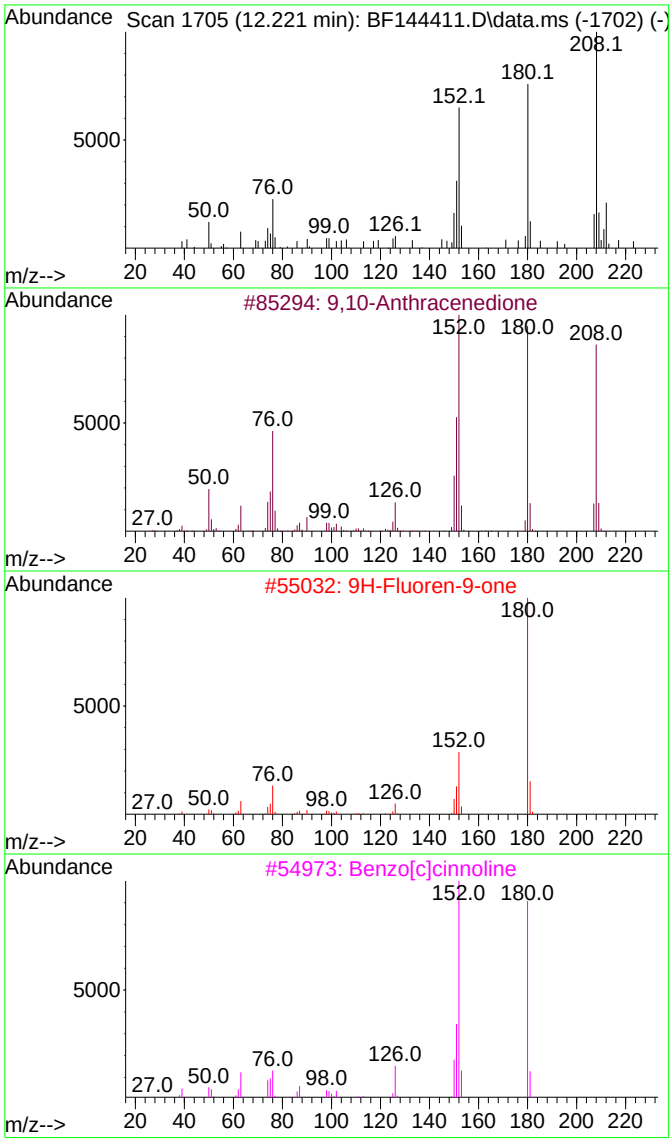
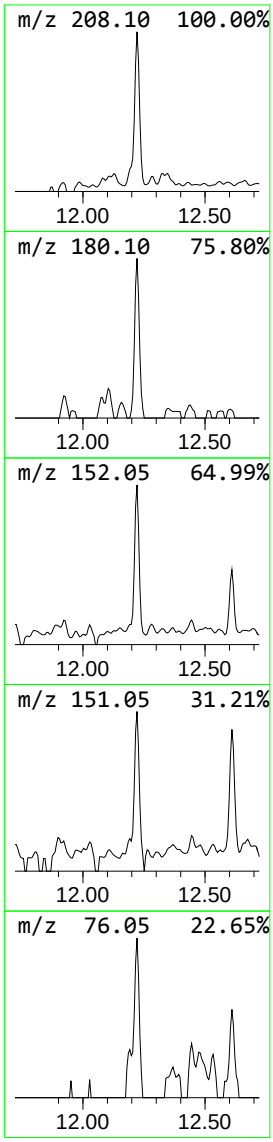
Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	2.83 ng	40775	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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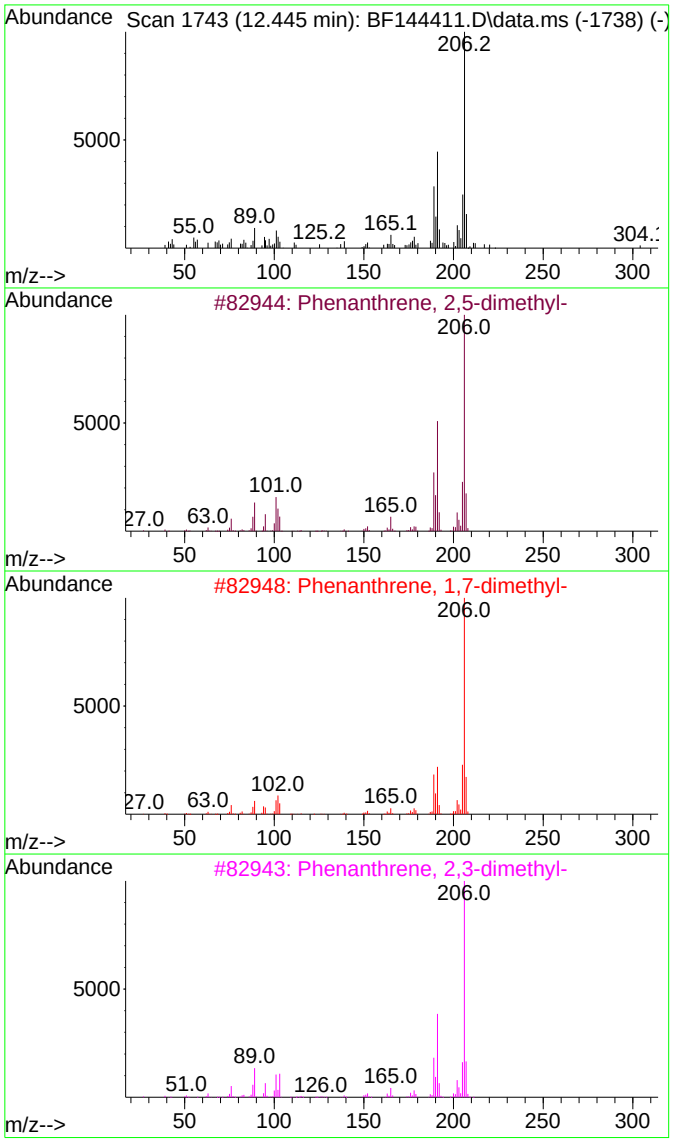
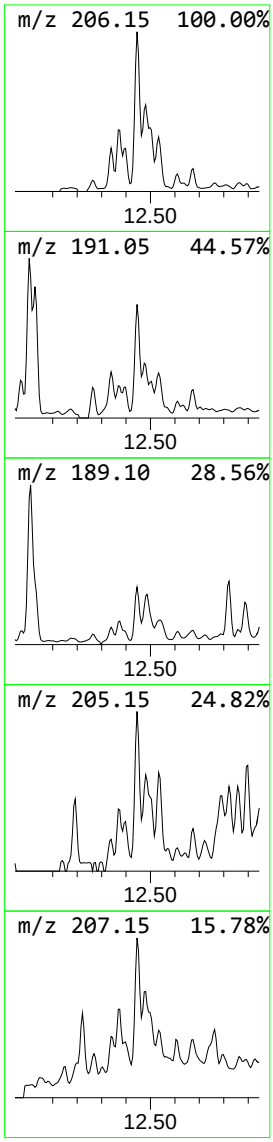
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.54 ng	65274	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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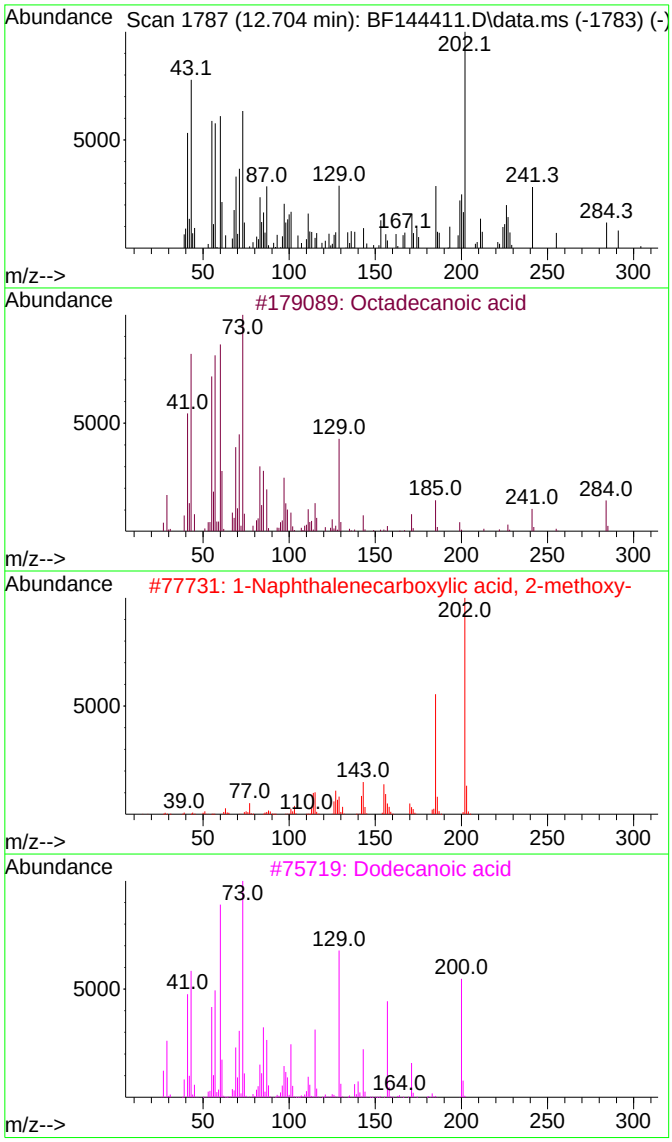
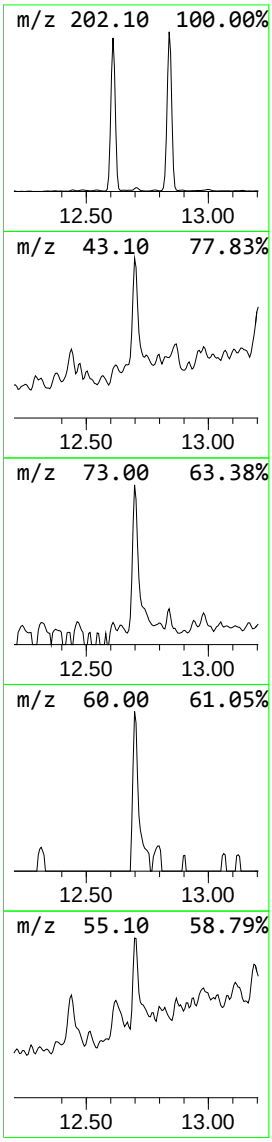
Peak Number 12 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	2.25 ng	32331	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	30
3	Dodecanoic acid	200	C12H24O2	000143-07-7	18
4	3H-Pyrazol-3-one, 2,4-dihydro-4,...	202	C12H14N2O	000947-82-0	18
5	Pyrene	202	C16H10	000129-00-0	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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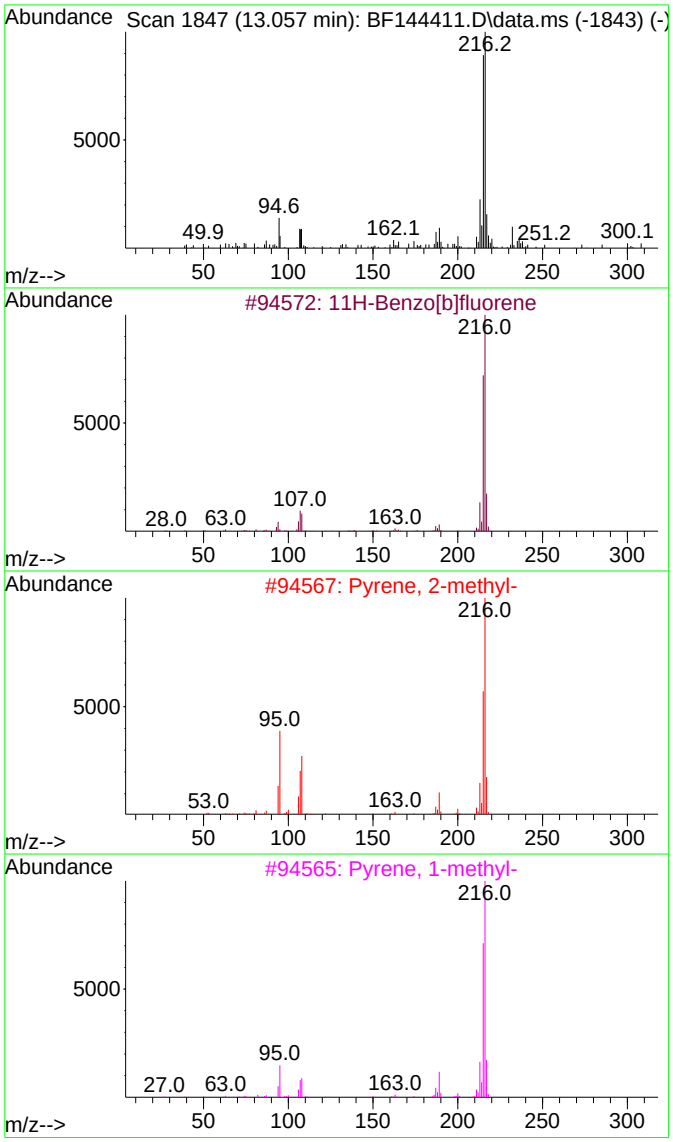
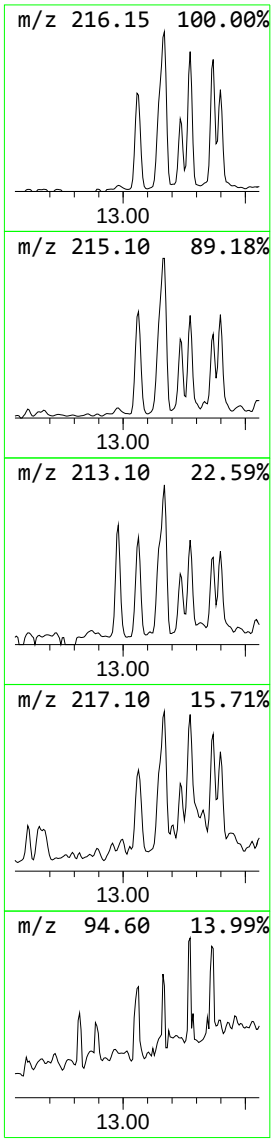
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.42 ng	69972	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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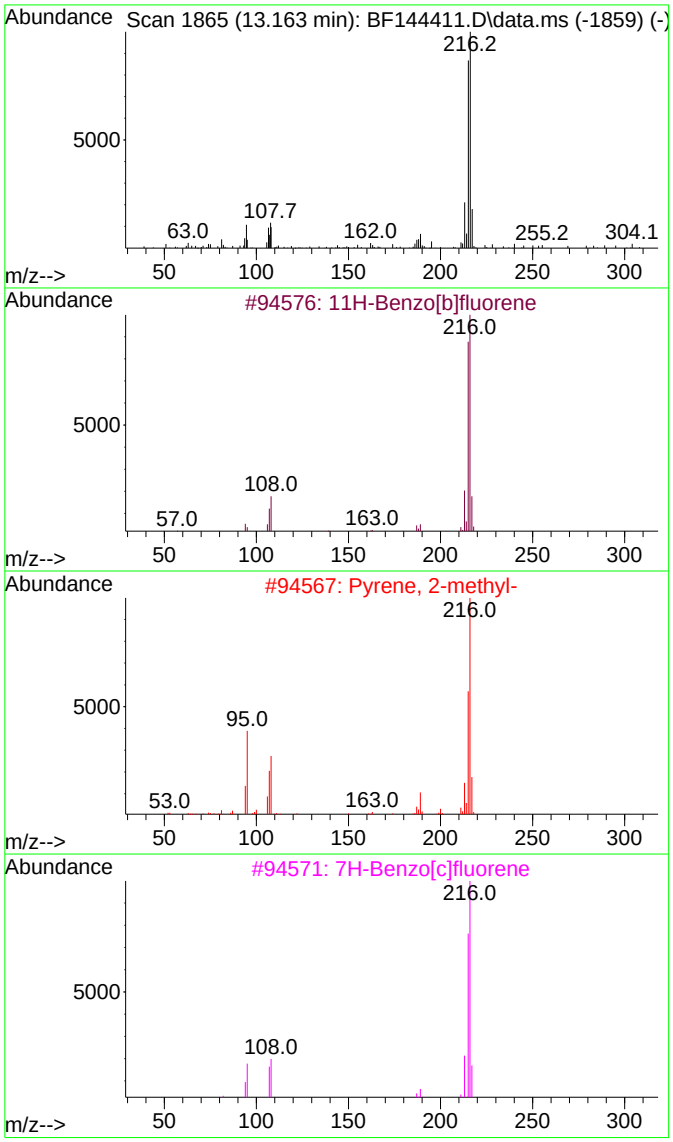
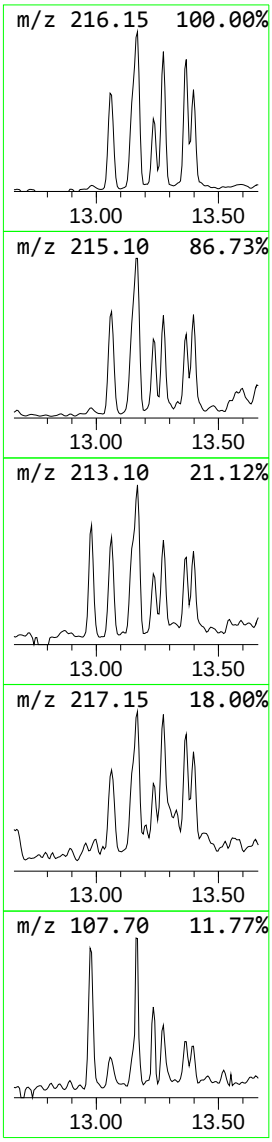
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.30 ng	95321	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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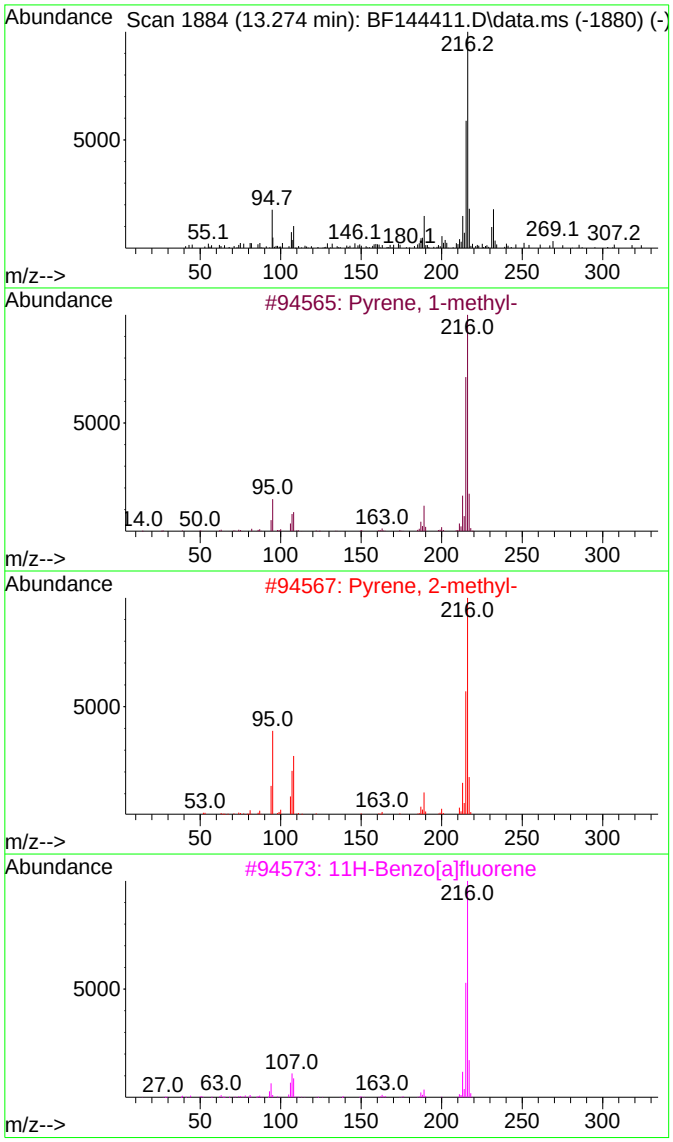
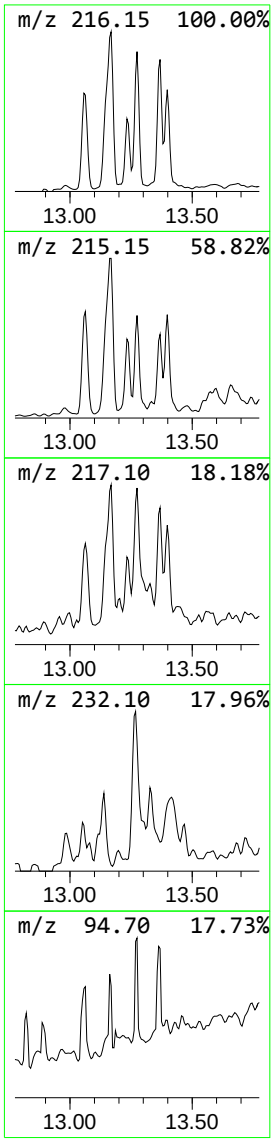
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.68 ng	77608	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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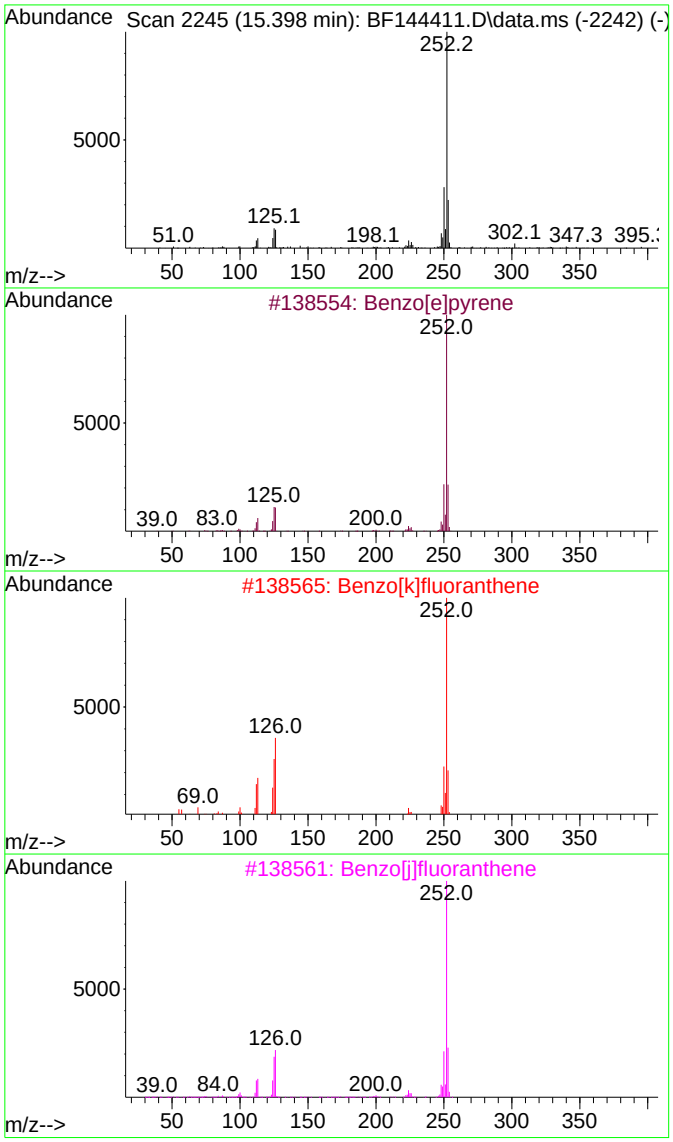
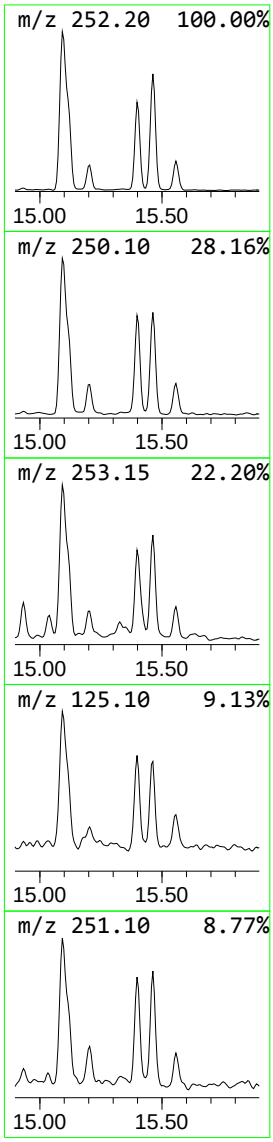
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	6.30 ng	91094	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Bicyclo[2.2.1]h...	7.886	13.0	ng	147731	2	8.145	226774	20.0
Benzophenone	10.610	5.4	ng	64773	3	9.898	238359	20.0
Phenanthrene, 2...	11.916	18.0	ng	259051	4	11.392	287727	20.0
Isopropyl palmi...	12.163	3.0	ng	43381	4	11.392	287727	20.0
9,10-Anthracene...	12.222	2.8	ng	40775	4	11.392	287727	20.0
Phenanthrene, 2...	12.445	4.5	ng	65274	4	11.392	287727	20.0
Octadecanoic acid	12.704	2.3	ng	32331	4	11.392	287727	20.0
11H-Benzo[b]flu...	13.057	2.4	ng	69972	5	14.045	578349	20.0
Pyrene, 2-methyl-	13.163	3.3	ng	95321	5	14.045	578349	20.0
Pyrene, 1-methyl-	13.274	2.7	ng	77608	5	14.045	578349	20.0
Benzo[e]pyrene	15.398	6.3	ng	91094	6	15.527	289330	20.0