LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	3	9	25	rVB	1033880	1640905	47.99%	4.652%
2	5.157	496	504	520	rBV	267296	400255	11.71%	1.135%
3	5.563	567	573	592	rBV	2405858	3178023	92.95%	9.010%
4	6.557	736	742	768	rBV	2409898	3257204	95.27%	9.234%
5	6.928	800	805	812	rBV	771531	941006	27.52%	2.668%
6	7.481	893	899	910	rBV	1525951	2090948	61.16%	5.928%
7	8.210	1017	1023	1040	rBV	906637	1202014	35.16%	3.408%
8	9.281	1199	1205	1210	rBV	2742551	3418984	100.00%	9.693%
9	9.963	1312	1321	1325	rBV	977121	1225914	35.86%	3.476%
10	9.992	1325	1326	1330	rVB	49362	44562	1.30%	0.126%
11	10.169	1351	1356	1359	rBV	33994	47053	1.38%	0.133%
12	10.369	1386	1390	1397	rVB2	31105	56033	1.64%	0.159%
13	10.510	1409	1414	1418	rBV2	36135	48440	1.42%	0.137%
14	10.669	1436	1441	1449	rVB	357457	460946	13.48%	1.307%
15	10.751	1449	1455	1469	rVV	1435044	1896389	55.47%	5.376%
16	10.869	1471	1475	1482	rVB6	22394	43141	1.26%	0.122%
17	10.980	1491	1494	1499	rVB	54232	66096	1.93%	0.187%
18	11.057	1501	1507	1510	rBV3	21088	40722	1.19%	0.115%
19	11.251	1537	1540	1544	rVB	32650	38688	1.13%	0.110%
20	11.304	1544	1549	1553	rVV4	34305	63028	1.84%	0.179%
21	11.345	1553	1556	1561	rVB	32326	44042	1.29%	0.125%
22	11.451	1568	1574	1576	rBV	817474	1194377	34.93%	3.386%
23	11.522	1582	1586	1590	rVB	90444	111979	3.28%	0.317%
24	11.674	1607	1612	1620	rBV3	44456	93928	2.75%	0.266%
25	11.827	1634	1638	1642	rVB3	41249	56006	1.64%	0.159%
26	11.974	1654	1663	1668	rBV2	244500	539873	15.79%	1.531%
27	12.022	1668	1671	1674	rVV	61162	91119	2.67%	0.258%
28	12.063	1674	1678	1686	rVB	176379	370961	10.85%	1.052%
29	12.245	1705	1709	1711	rBV	54089	65600	1.92%	0.186%
30	12.392	1729	1734	1737	rBV2	49088	76207	2.23%	0.216%
31	12.498	1748	1752	1755	rBV	97386	126020	3.69%	0.357%
32	12.533	1755	1758	1764	rVV3	58063	105925	3.10%	0.300%
33	12.586	1764	1767	1772	rVB2	64303	89064	2.60%	0.252%
34	12.663	1775	1780	1785	rBV	717645	891837	26.08%	2.528%
35	12.892	1812	1819	1825	rBV	663057	1030535	30.14%	2.922%
36	12.945	1825	1828	1832	rVB2	52994	75470	2.21%	0.214%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.027	1835	1842	1850	rBV	2236154	3043999	89.03%	8.630%
38	13.110	1851	1856	1863	rBV5	80774	154909	4.53%	0.439%
39	13.216	1867	1874	1878	rVB3	89109	189936	5.56%	0.538%
40	13.321	1888	1892	1899	rVB3	93931	142275	4.16%	0.403%
41	13.416	1905	1908	1911	rBV	51876	70809	2.07%	0.201%
42	13.445	1911	1913	1917	rVB2	53454	61409	1.80%	0.174%
43	13.604	1936	1940	1945	rBV6	27864	68093	1.99%	0.193%
44	13.721	1957	1960	1966	rVB	74789	106616	3.12%	0.302%
45	13.833	1975	1979	1982	rBV2	60562	99573	2.91%	0.282%
46	13.863	1982	1984	1987	rVB	33133	37286	1.09%	0.106%
47	13.933	1992	1996	2004	rVB	141462	246578	7.21%	0.699%
48	14.086	2015	2022	2034	rBV3	978691	2019626	59.07%	5.726%
49	14.474	2084	2088	2091	rBV	83148	108182	3.16%	0.307%
50	14.510	2091	2094	2097	rVB	42217	47554	1.39%	0.135%
51	14.839	2146	2150	2158	rBV	280055	467846	13.68%	1.326%
52	15.139	2196	2201	2210	rBV	339396	761812	22.28%	2.160%
53	15.251	2217	2220	2224	rVB	45516	55708	1.63%	0.158%
54	15.451	2249	2254	2259	rVB	185378	297546	8.70%	0.844%
55	15.510	2260	2264	2270	rVB	262441	381901	11.17%	1.083%
56	15.574	2270	2275	2291	rBV	719084	1299737	38.02%	3.685%
57	17.086	2527	2532	2541	rVB2	125639	279582	8.18%	0.793%
58	17.545	2604	2610	2620	rVB	94416	208737	6.11%	0.592%

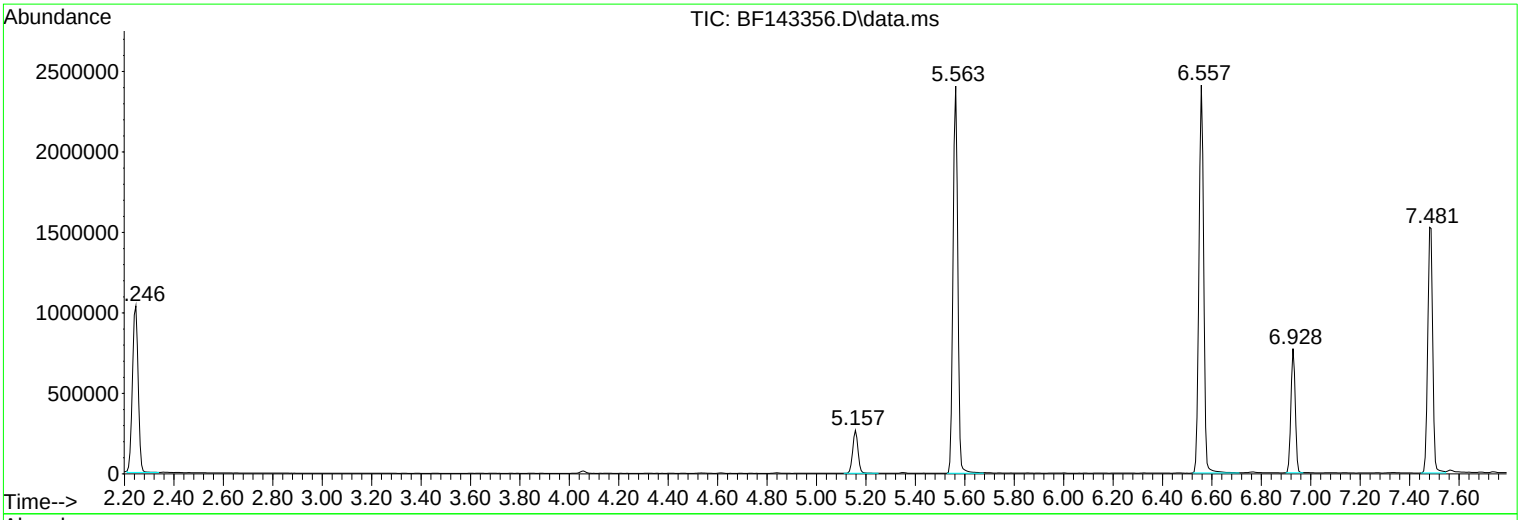
Sum of corrected areas: 35273008

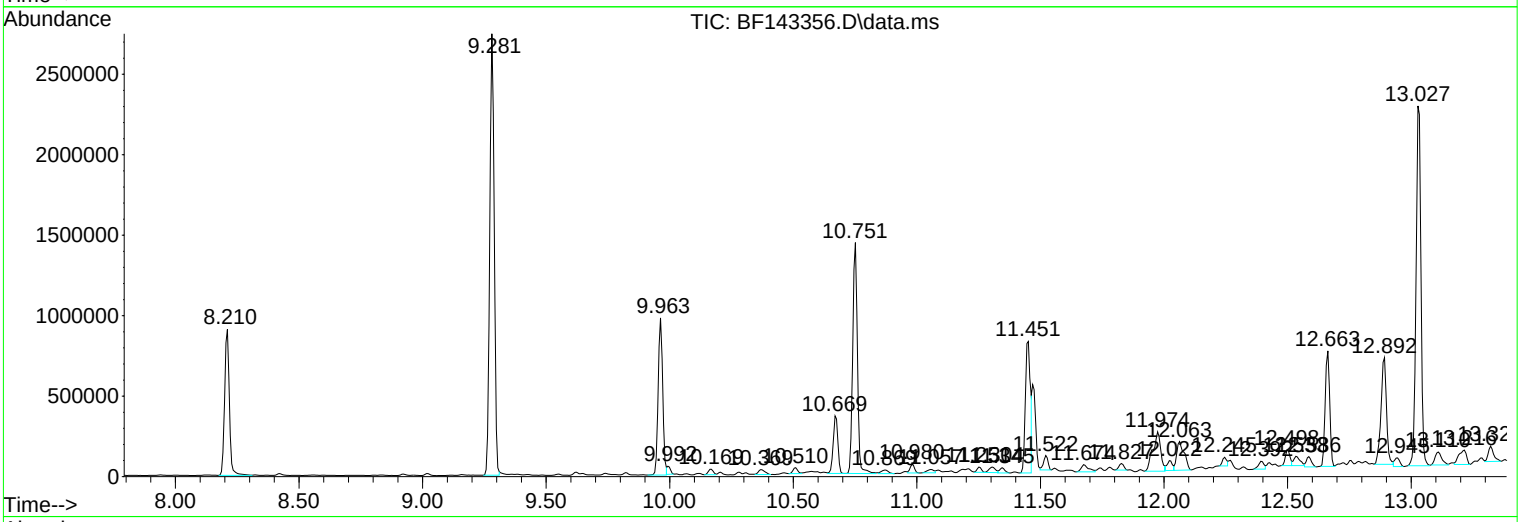
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

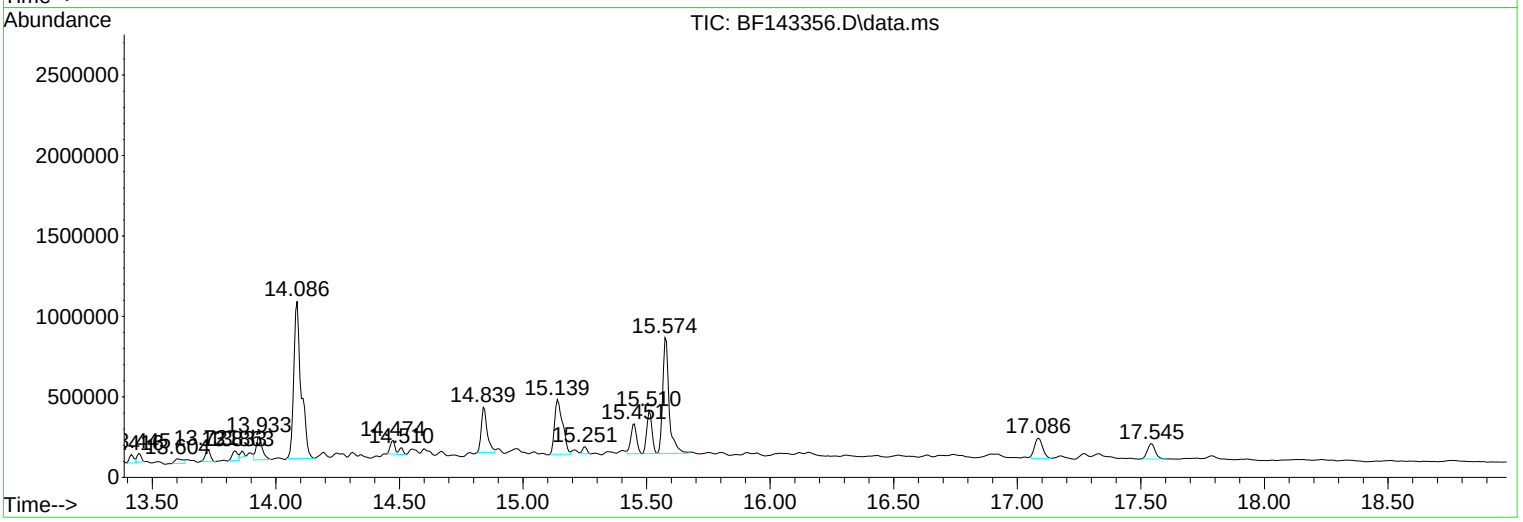
Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

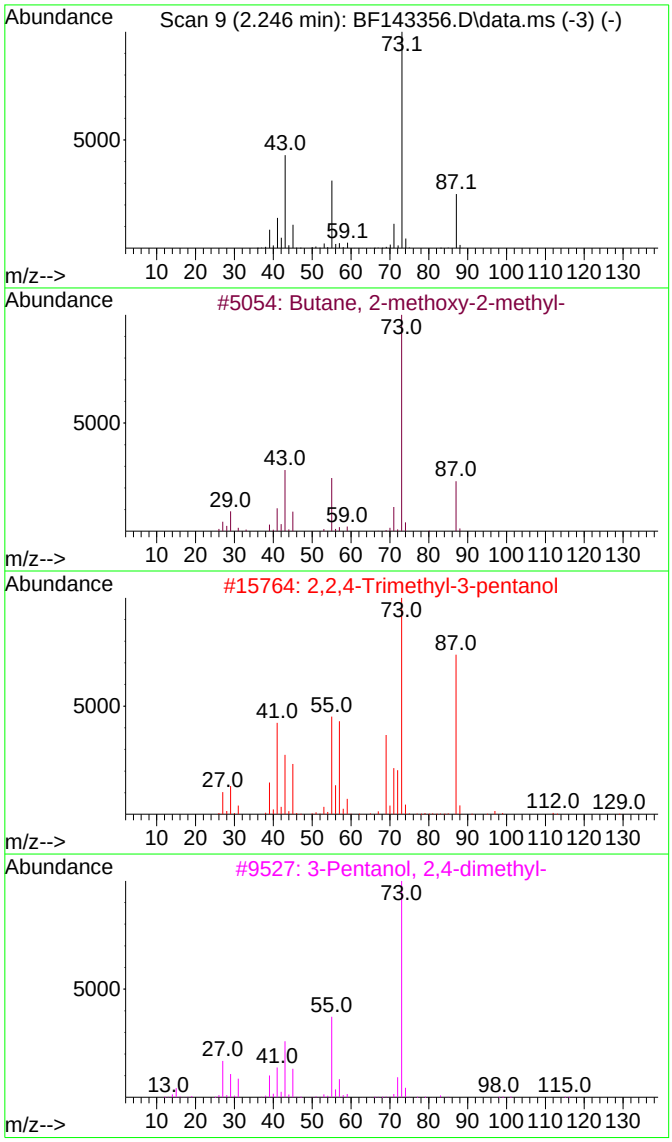
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

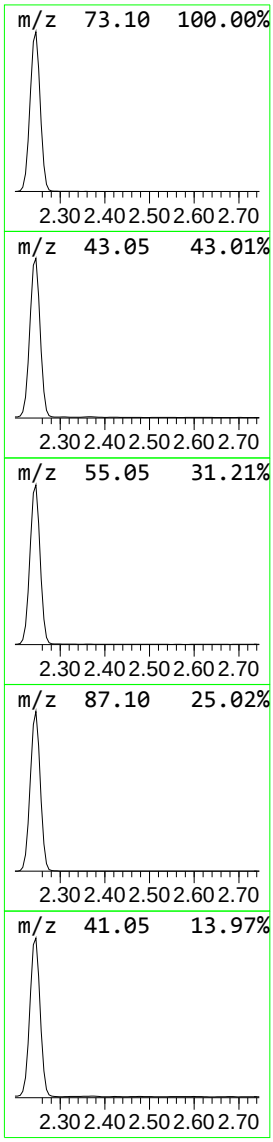
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	34.88 ng	1640910	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

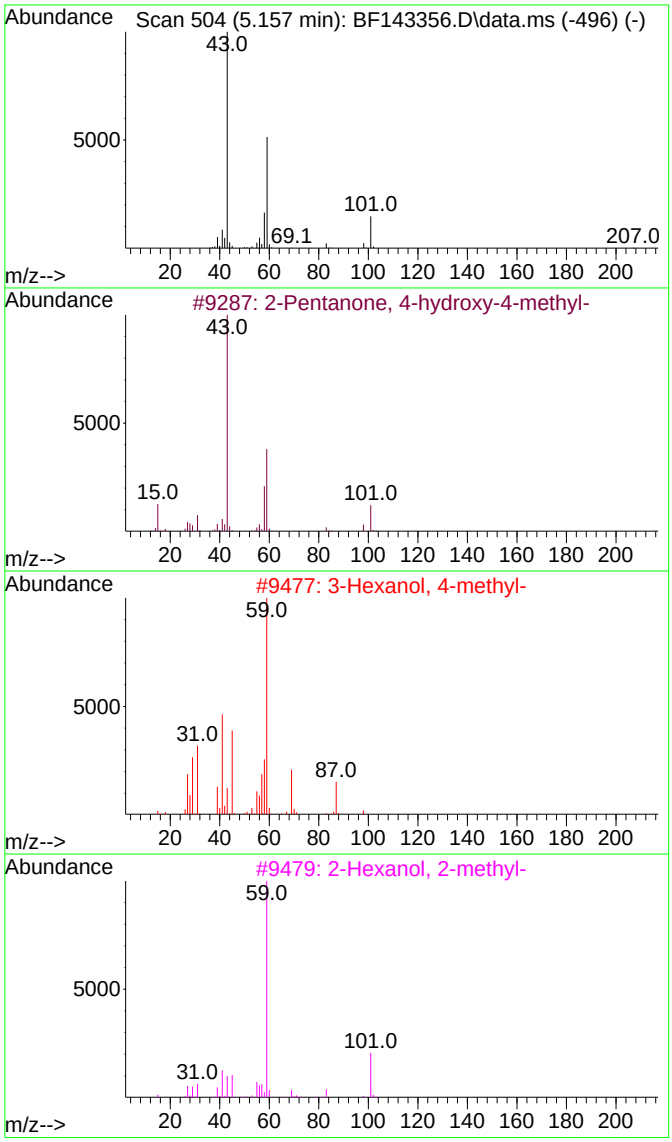
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

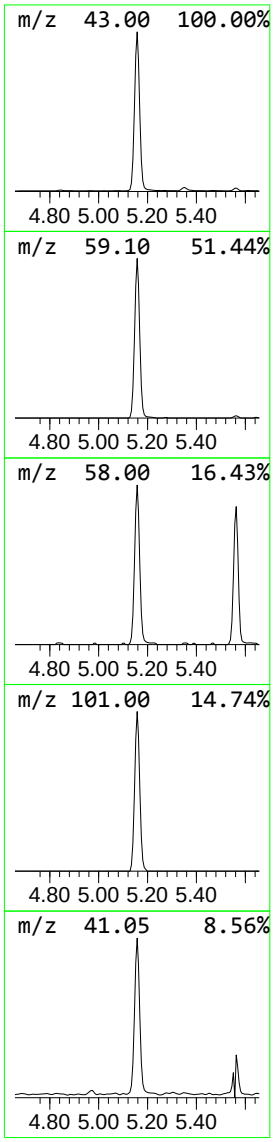
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	8.51 ng	400255	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

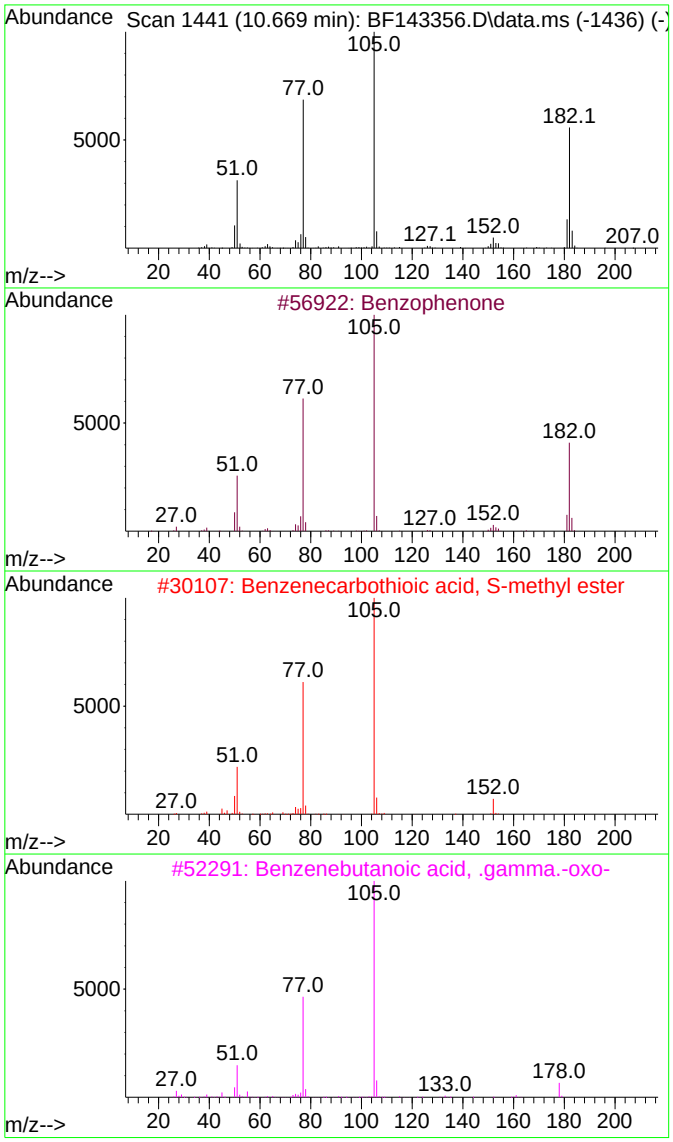
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

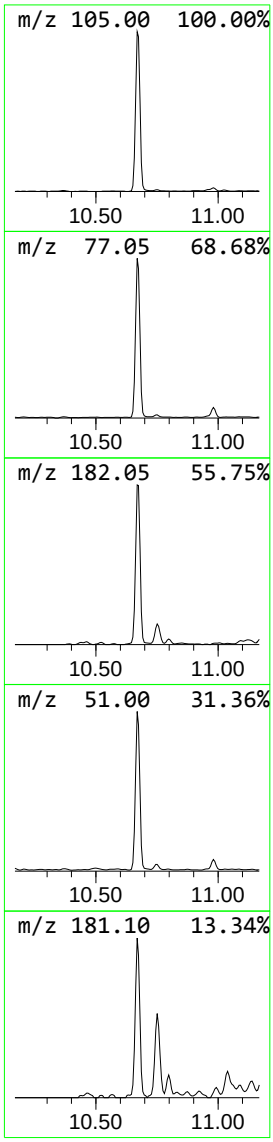
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	7.52 ng	460946	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

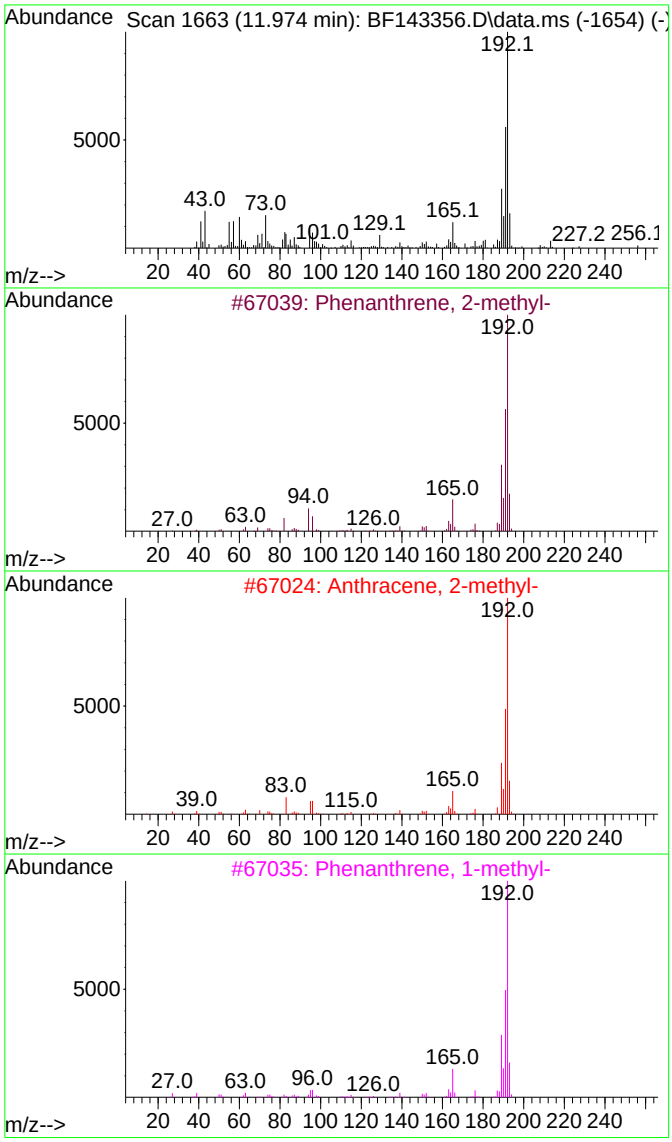
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

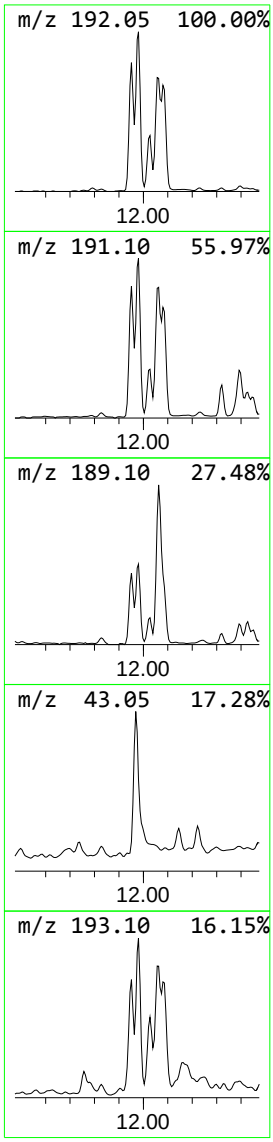
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	9.04 ng	539873	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

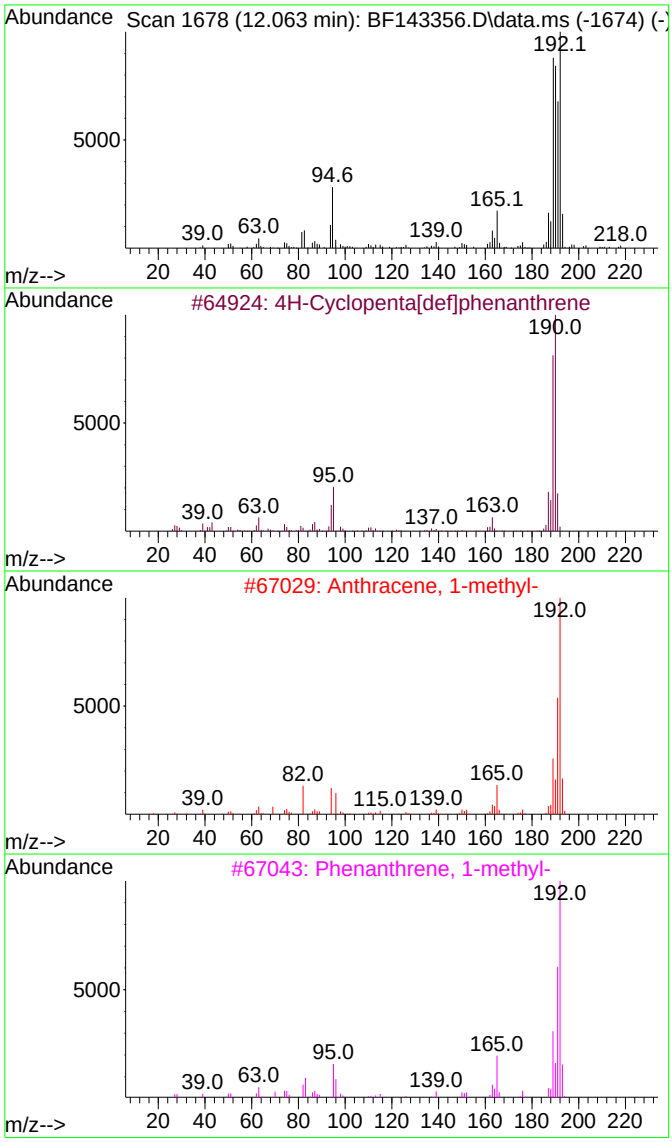
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

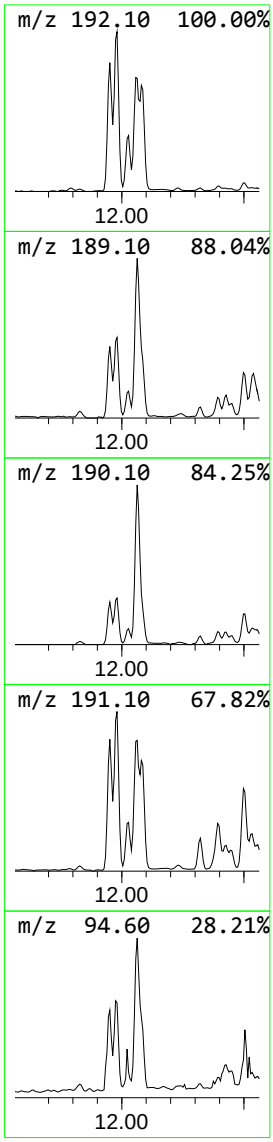
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	6.21 ng	370961	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

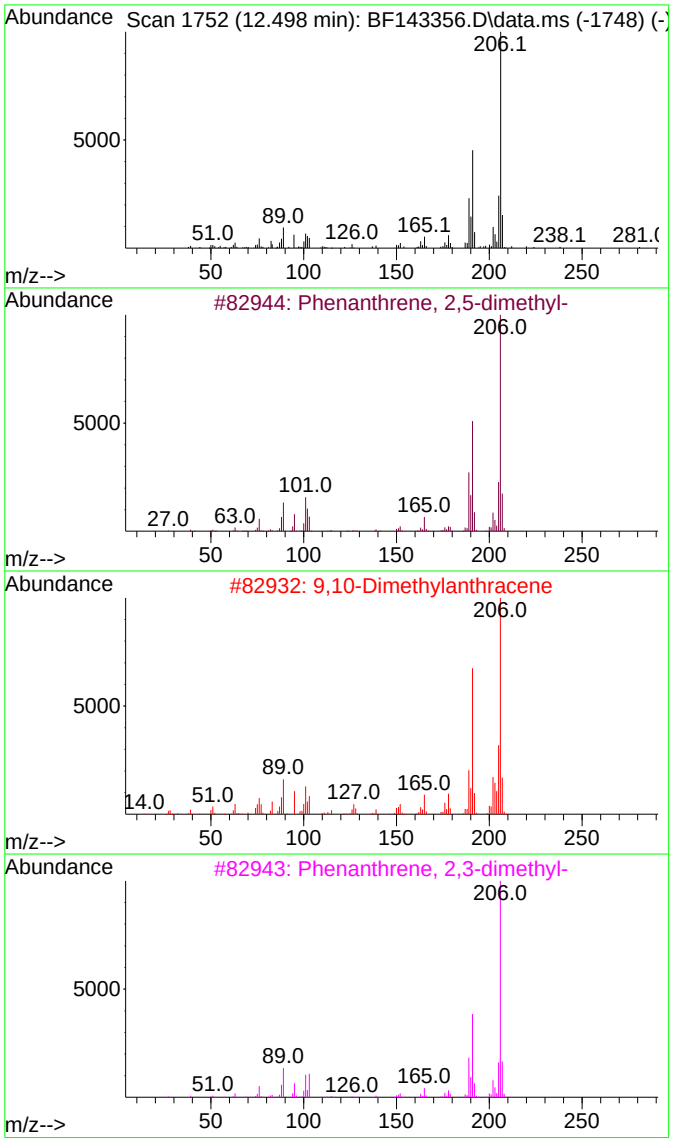
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

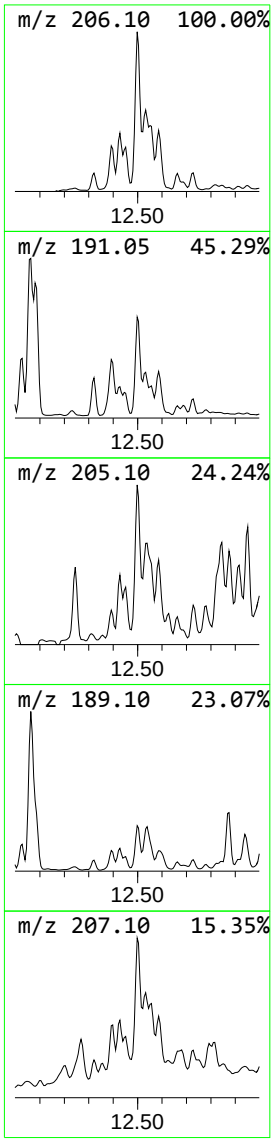
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.11 ng	126020	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

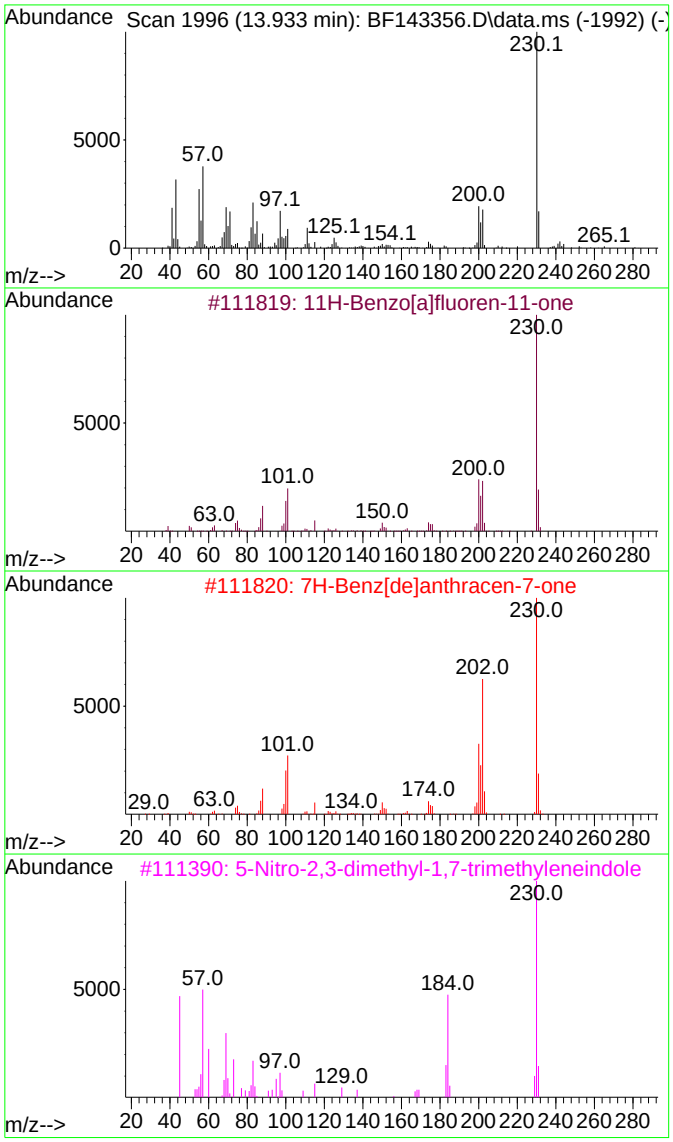
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

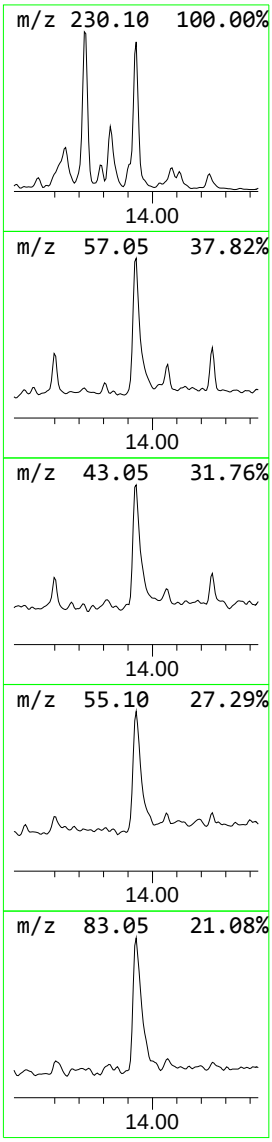
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.44 ng	246578	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	50
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	47
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	47





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Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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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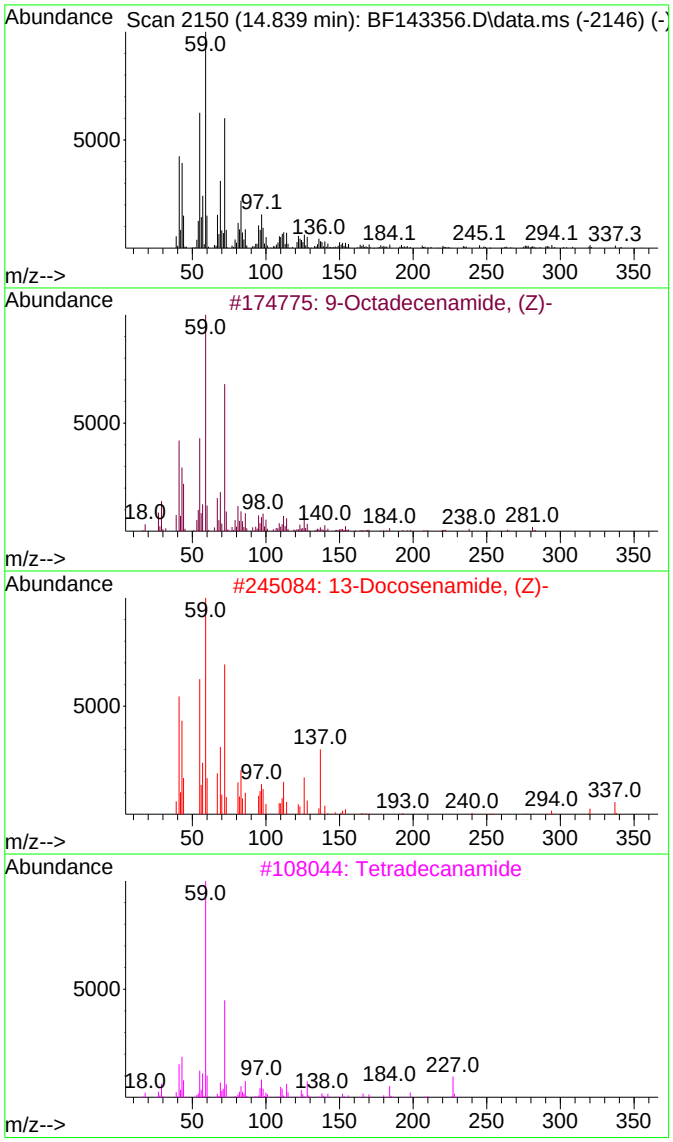
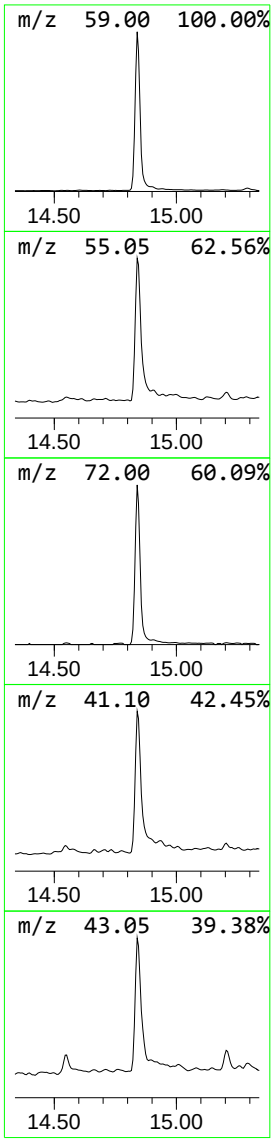
Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	7.20 ng	467846	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
5	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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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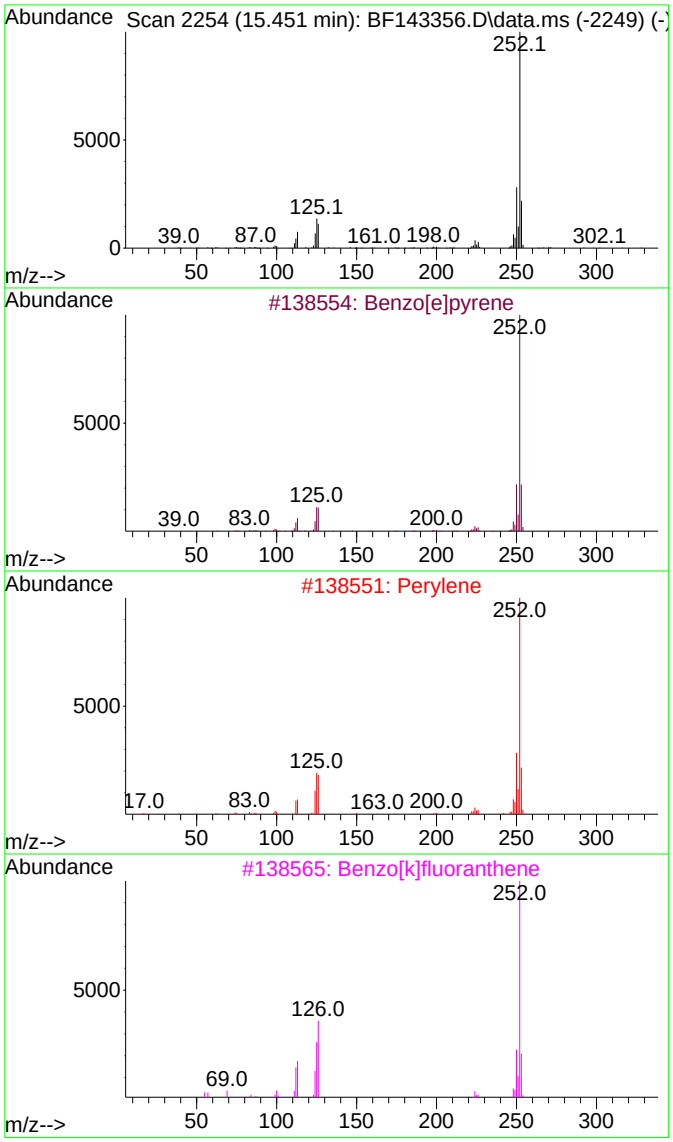
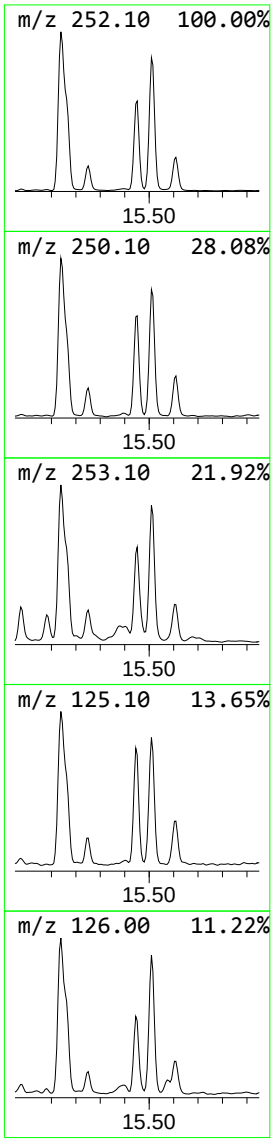
Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	4.58 ng	297546	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143356.D
Acq On : 12 Aug 2025 16:32
Operator : RC/JU
Sample : Q2807-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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
Butane, 2-metho...	2.246	34.9	ng	1640910	1	6.928	941006	20.0
2-Pentanone, 4-...	5.157	8.5	ng	400255	1	6.928	941006	20.0
Benzophenone	10.669	7.5	ng	460946	3	9.963	1225910	20.0
Phenanthrene, 2...	11.975	9.0	ng	539873	4	11.451	1194380	20.0
4H-Cyclopenta[d...	12.063	6.2	ng	370961	4	11.451	1194380	20.0
Phenanthrene, 2...	12.498	2.1	ng	126020	4	11.451	1194380	20.0
11H-Benzo[a]flu...	13.933	2.4	ng	246578	5	14.086	2019630	20.0
9-Octadecenamid...	14.839	7.2	ng	467846	6	15.574	1299740	20.0
Benzo[e]pyrene	15.451	4.6	ng	297546	6	15.574	1299740	20.0