LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143719.D
Acq On : 11 Sep 2025 21:25
Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOO-25-0254-0256

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	501	rBB2	38651	61416	8.93%	0.852%
2	5.504	557	563	568	rBV	473210	609797	88.62%	8.456%
3	6.510	728	734	739	rBV	439505	584806	84.98%	8.109%
4	6.892	794	799	804	rBB	196176	234815	34.12%	3.256%
5	7.451	886	894	899	rBV	298691	380076	55.23%	5.270%
6	7.592	913	918	923	rBV	24581	28578	4.15%	0.396%
7	8.175	1010	1017	1022	rBV	247287	312460	45.41%	4.333%
8	8.469	1060	1067	1073	rBV5	3621	8803	1.28%	0.122%
9	8.592	1084	1088	1099	rVB	5027	8538	1.24%	0.118%
10	8.763	1106	1117	1122	rBV	15323	20592	2.99%	0.286%
11	9.251	1194	1200	1205	rBV	549591	688129	100.00%	9.542%
12	9.327	1209	1213	1218	rVB	6641	8914	1.30%	0.124%
13	9.927	1310	1315	1320	rBV	248141	318572	46.30%	4.417%
14	10.598	1420	1429	1433	rBV	110612	143329	20.83%	1.987%
15	10.645	1433	1437	1441	rVB	44007	54683	7.95%	0.758%
16	10.716	1444	1449	1454	rBV	264182	325785	47.34%	4.517%
17	10.768	1454	1458	1466	rVB	76140	92842	13.49%	1.287%
18	10.845	1466	1471	1475	rBV	13006	18443	2.68%	0.256%
19	11.221	1531	1535	1539	rVB	5995	7824	1.14%	0.108%
20	11.315	1547	1551	1555	rVB2	13468	17573	2.55%	0.244%
21	11.363	1555	1559	1563	rBV4	6192	10508	1.53%	0.146%
22	11.415	1563	1568	1576	rVV2	200643	330015	47.96%	4.576%
23	11.492	1578	1581	1584	rVB	10612	12305	1.79%	0.171%
24	11.645	1602	1607	1613	rBV3	8068	18140	2.64%	0.252%
25	11.868	1640	1645	1650	rBV	136644	177512	25.80%	2.461%
26	11.945	1650	1658	1662	rBV3	73593	120888	17.57%	1.676%
27	12.027	1669	1672	1680	rVB2	9372	18763	2.73%	0.260%
28	12.468	1744	1747	1750	rBV2	7654	9267	1.35%	0.128%
29	12.551	1758	1761	1766	rVB	12482	16655	2.42%	0.231%
30	12.633	1770	1775	1780	rBV	140446	187697	27.28%	2.603%
31	12.727	1787	1791	1798	rBV2	24975	36971	5.37%	0.513%
32	12.862	1807	1814	1819	rBV	118963	178727	25.97%	2.478%
33	13.004	1833	1838	1844	rVB	476311	602725	87.59%	8.358%
34	13.292	1884	1887	1889	rBV2	11939	14300	2.08%	0.198%
35	13.321	1890	1892	1899	rVB3	15078	19192	2.79%	0.266%
36	13.480	1914	1919	1924	rVB	274511	344781	50.10%	4.781%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Acq On : 11 Sep 2025 21:25
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Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.692	1952	1955	1960	rBV	23730	32699	4.75%	0.453%
38	13.904	1987	1991	1999	rVB3	42065	64046	9.31%	0.888%
39	14.056	2011	2017	2028	rVB2	286083	555265	80.69%	7.699%
40	15.103	2190	2195	2204	rBV	81285	206612	30.03%	2.865%
41	15.409	2244	2247	2253	rVB2	40831	60387	8.78%	0.837%
42	15.474	2254	2258	2263	rVB	49274	72390	10.52%	1.004%
43	15.539	2264	2269	2274	rBV	121825	195893	28.47%	2.716%

Sum of corrected areas: 7211713

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Instrument :
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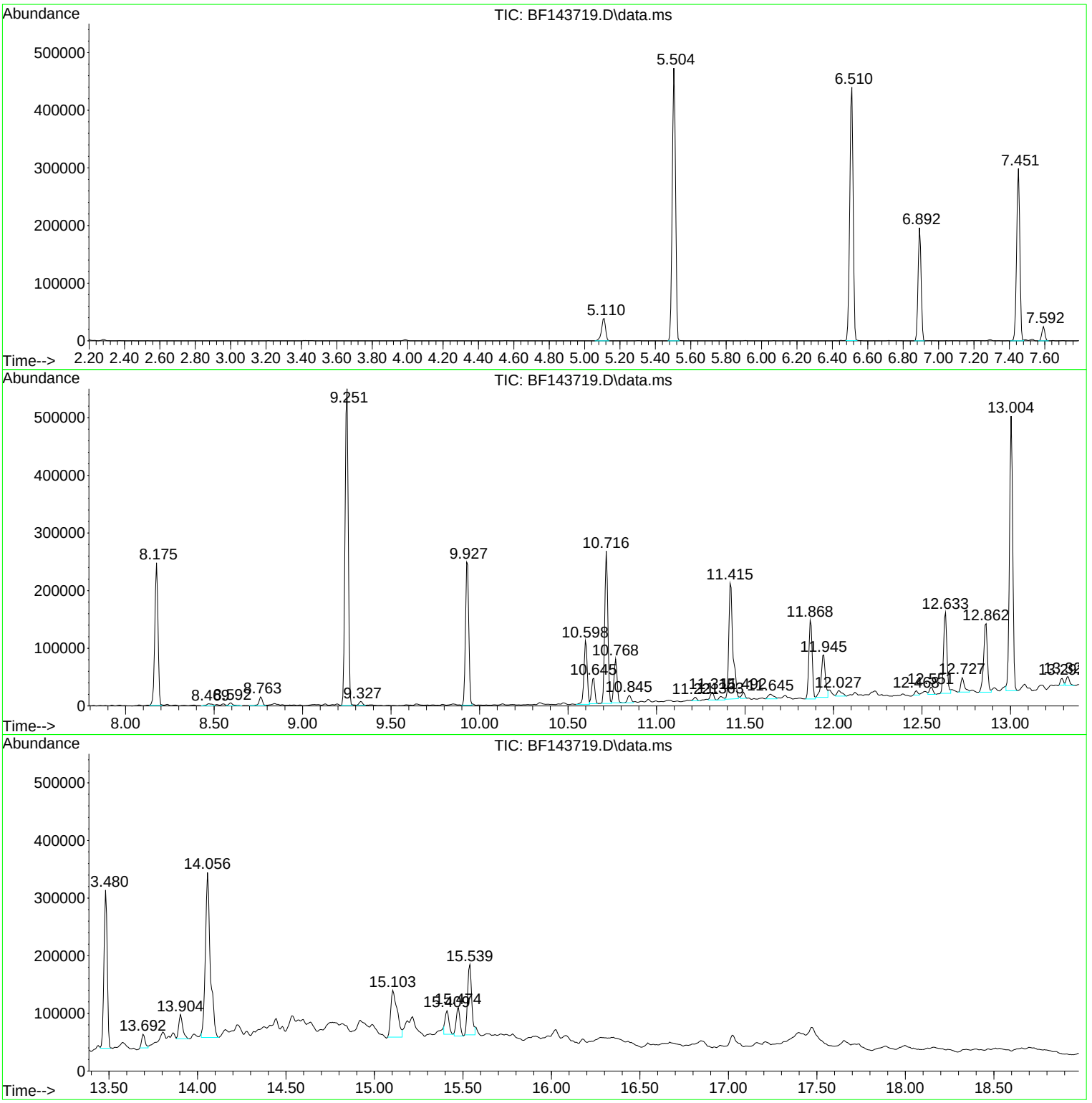
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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\BF091125\
Data File : BF143719.D
Acq On : 11 Sep 2025 21:25
Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

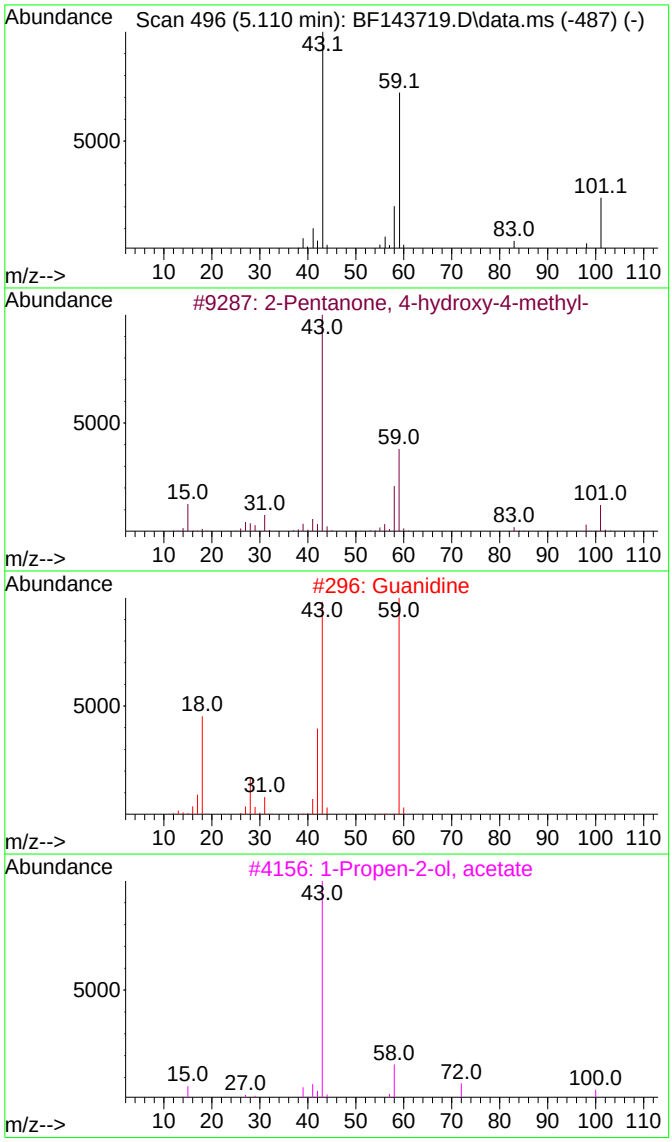
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

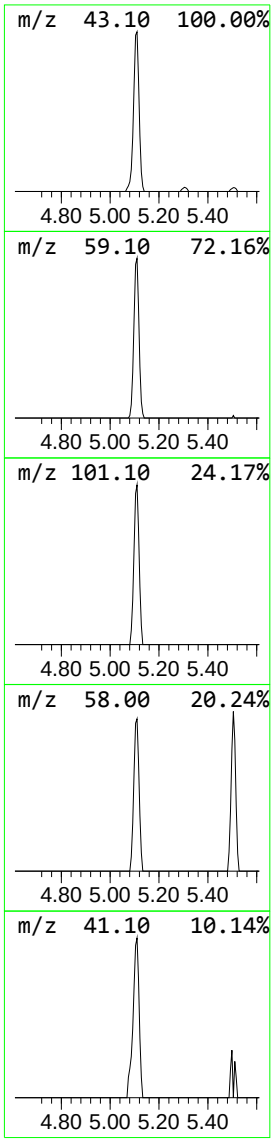
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.23 ng	61416	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143719.D
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Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

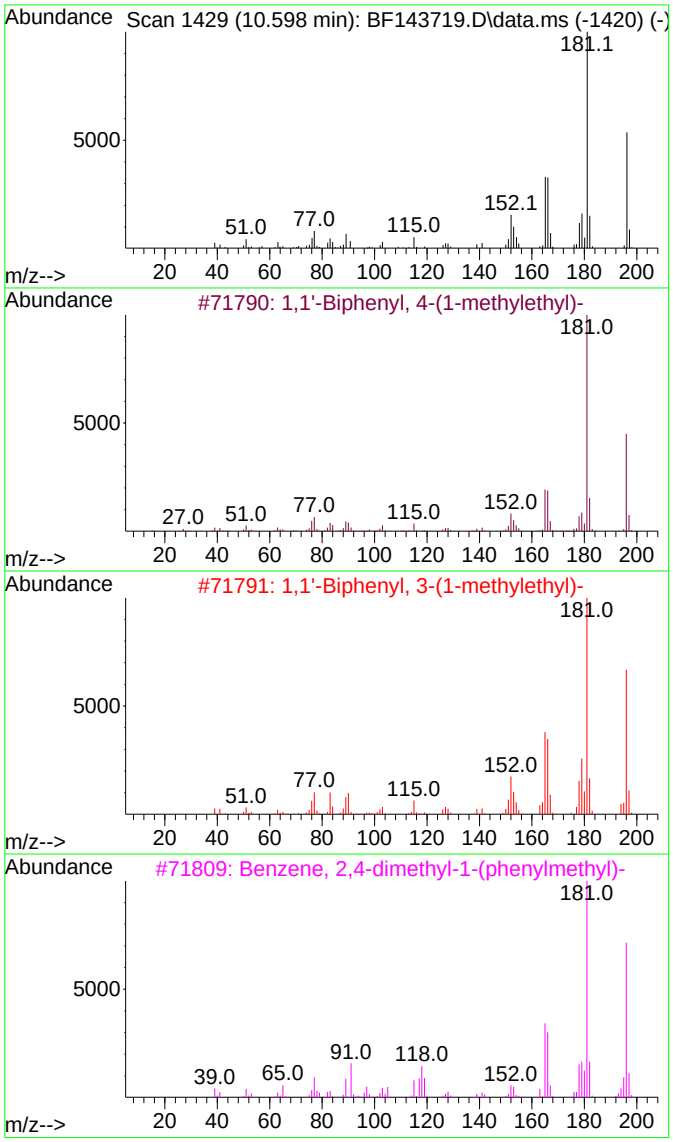
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

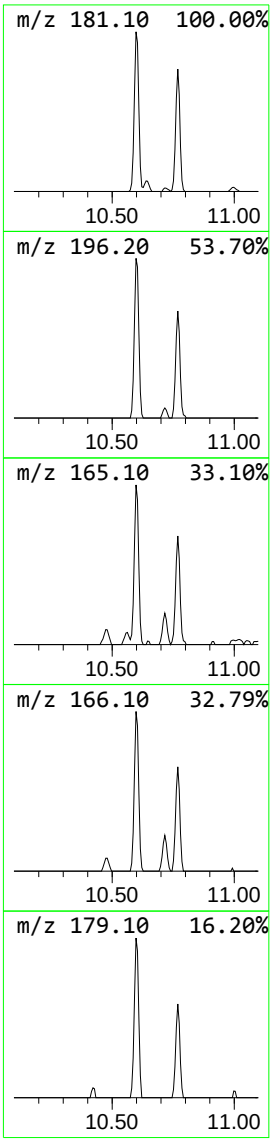
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	9.00 ng	143329	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
3	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143719.D
Acq On : 11 Sep 2025 21:25
Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

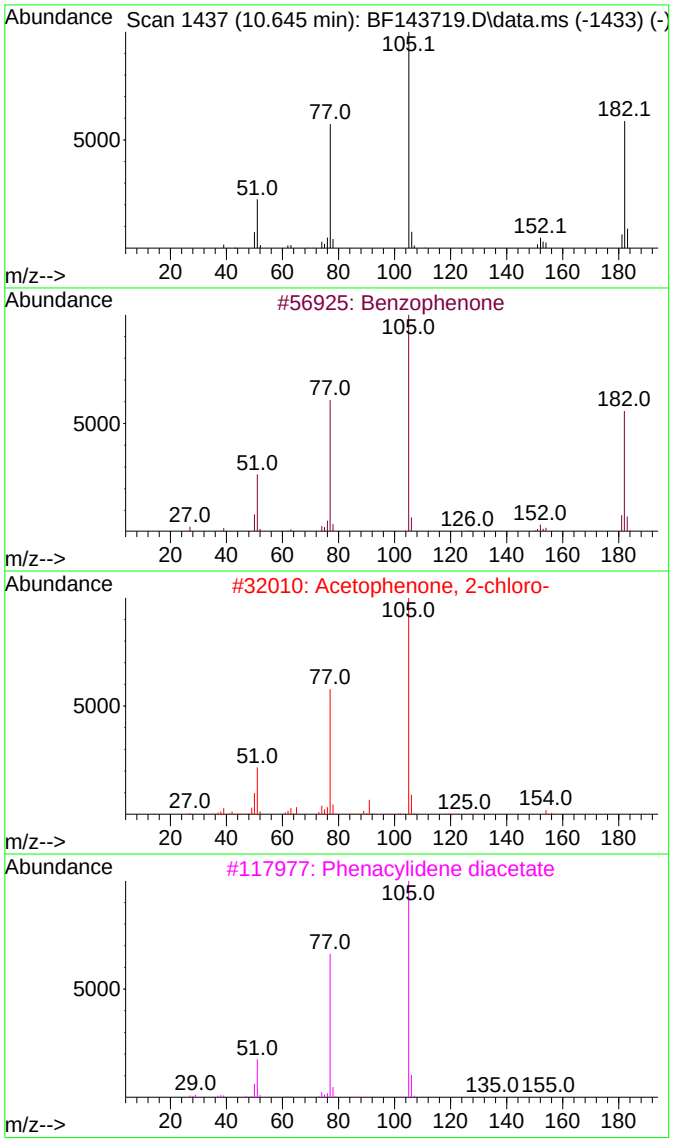
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

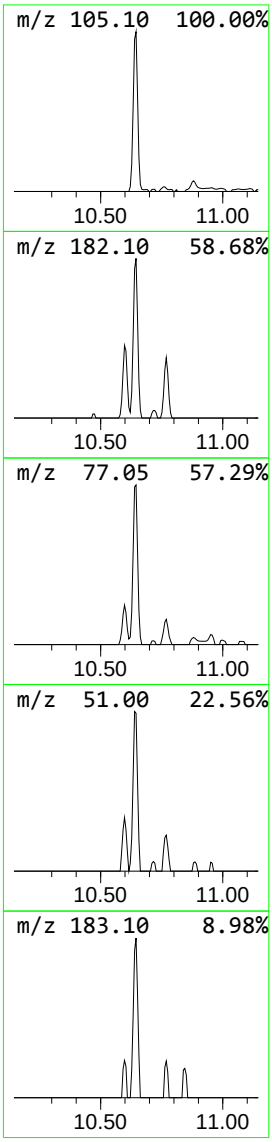
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.43 ng	54683	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	53
3	Phenacylidene diacetate	236	C12H12O5	005062-30-6	47
4	Benzoylformic acid	150	C8H6O3	000611-73-4	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

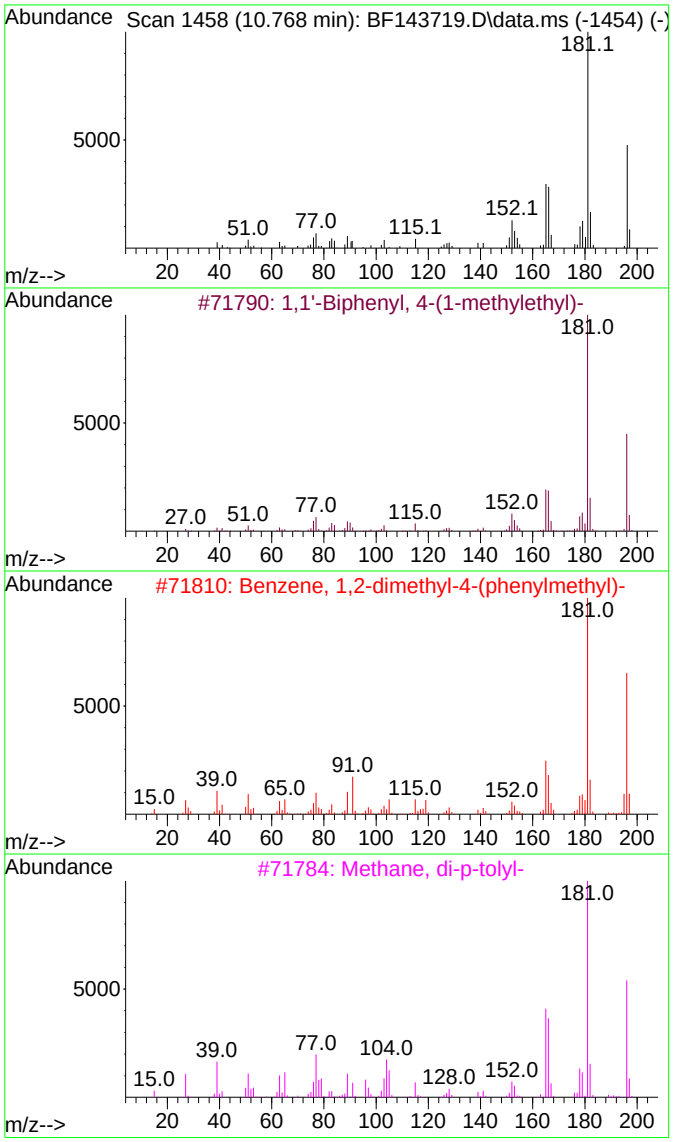
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

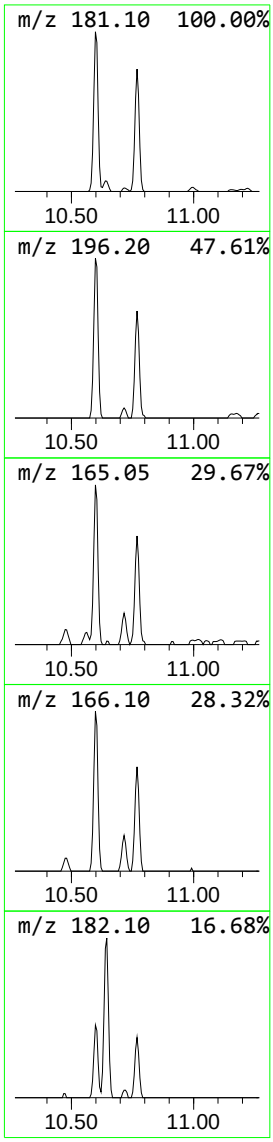
****

Peak Number 4 unknown10.769 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	5.63 ng	92842	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
4	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91
5	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

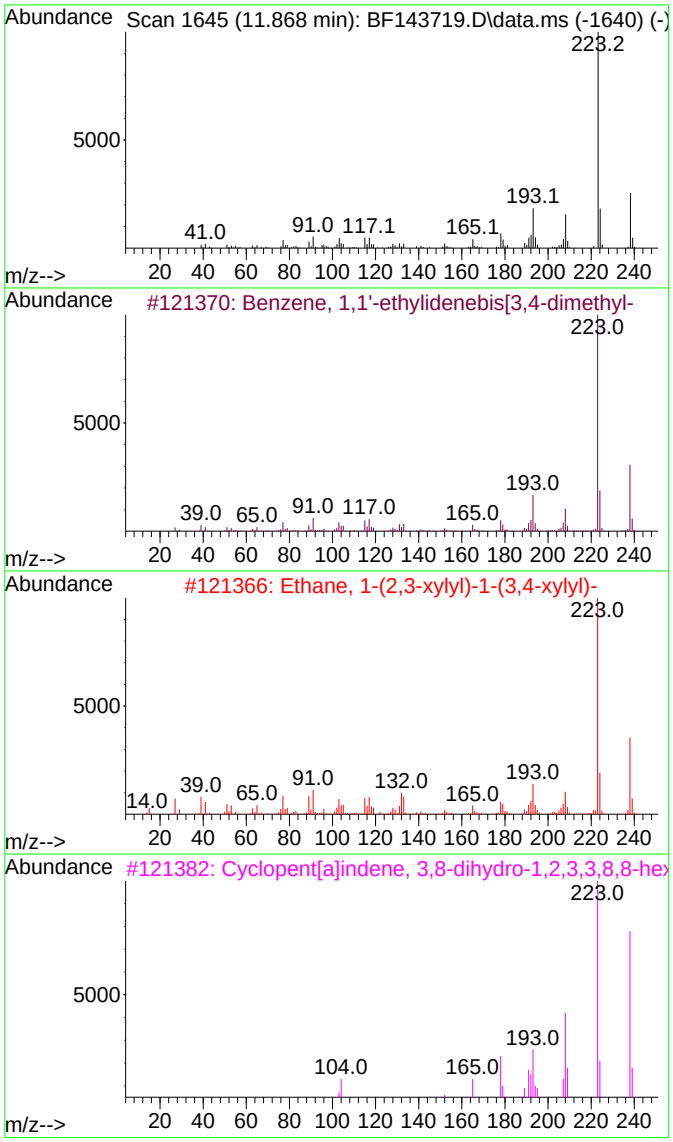
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

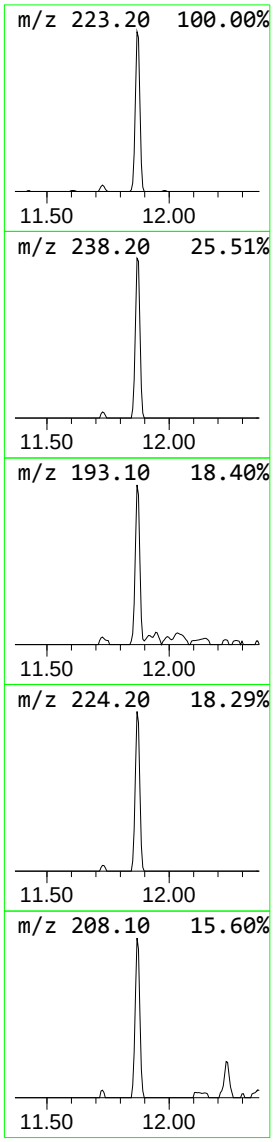
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,1'-ethylidenebis... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	10.76 ng	177512	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	97
2	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	94
3	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	64
4	6-Cyanomethoxy-N-methoxymethyl-N...	238	C9H14N6O2	078927-31-8	53
5	1H-Benzimidazole, 2-(5-ethyl-2-p...	223	C14H13N3	067273-43-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Operator : RC/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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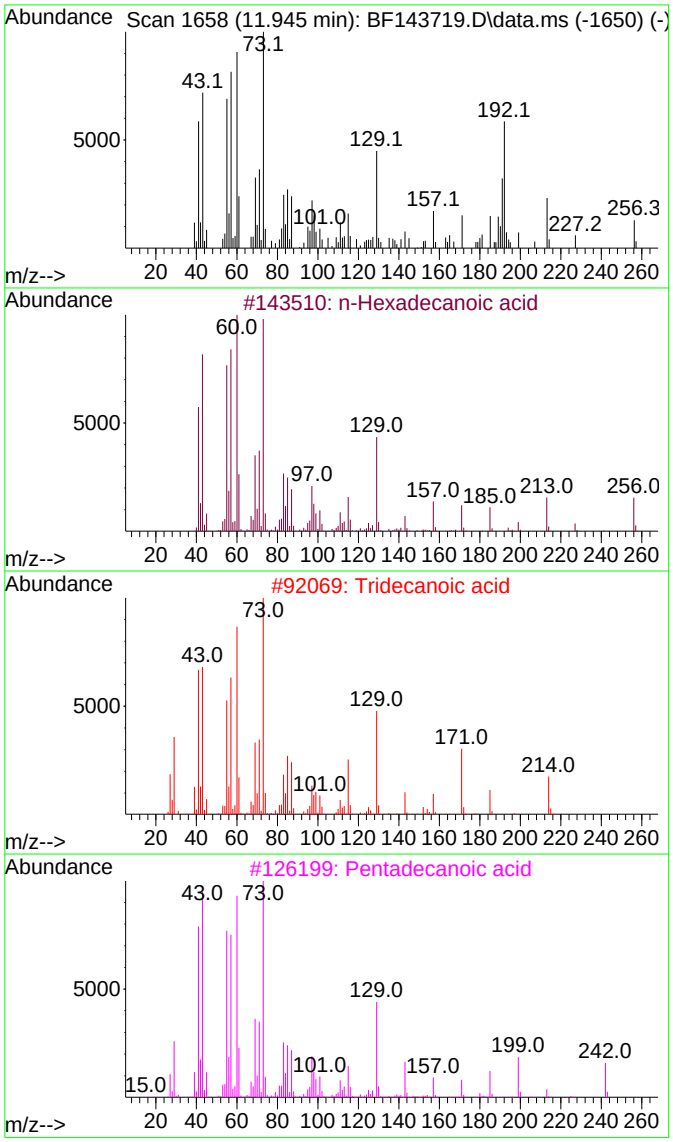
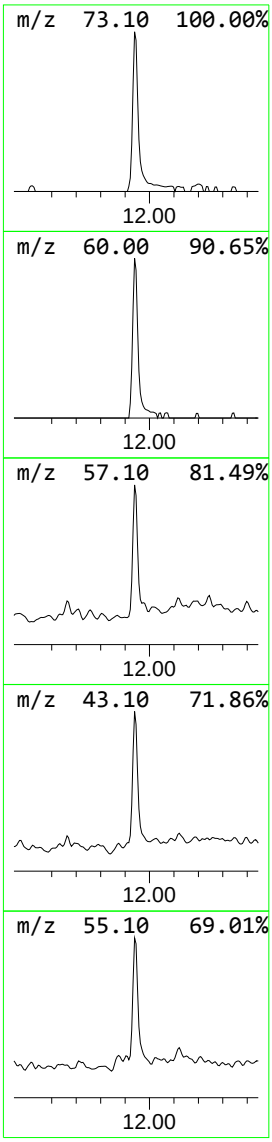
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	7.33 ng	120888	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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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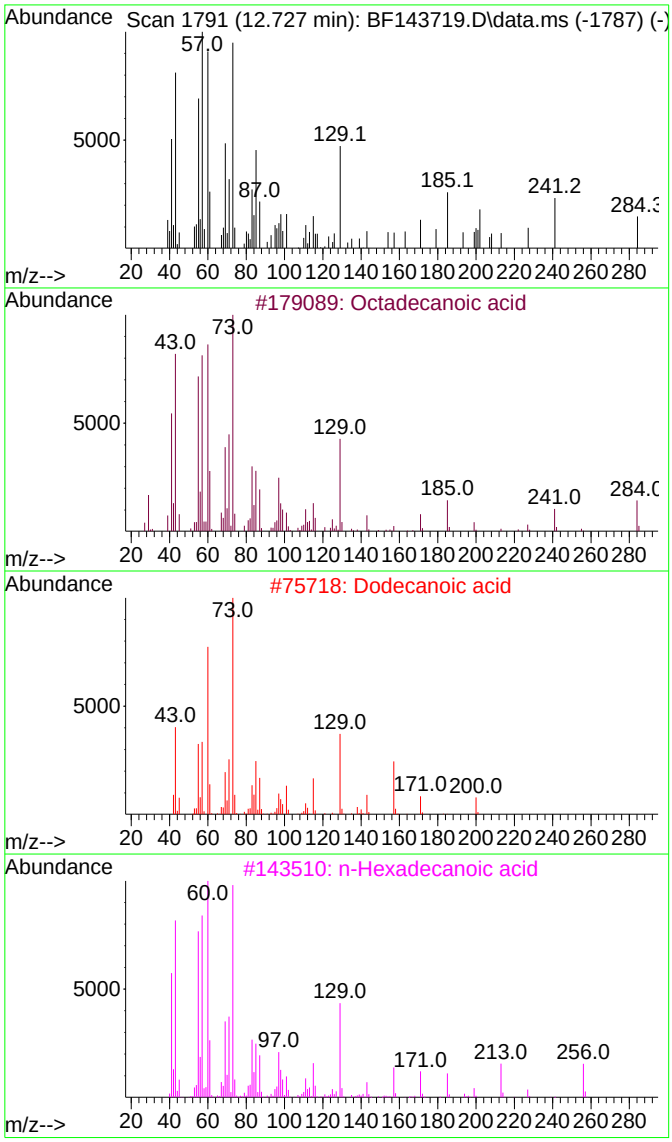
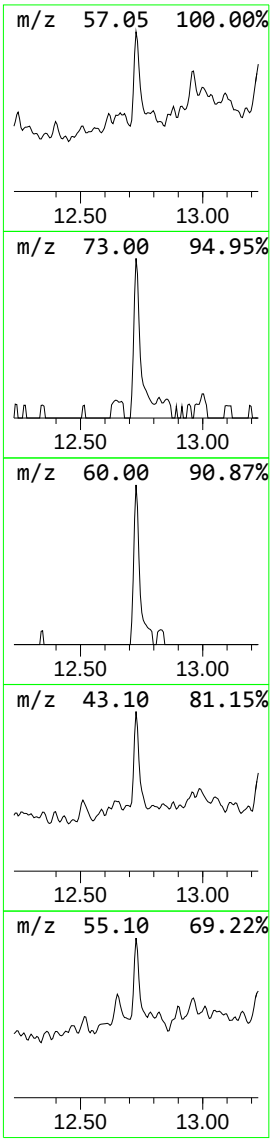
Peak Number 7 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.24 ng	36971	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Dodecanoic acid	200	C12H24O2	000143-07-7	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143719.D
Acq On : 11 Sep 2025 21:25
Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

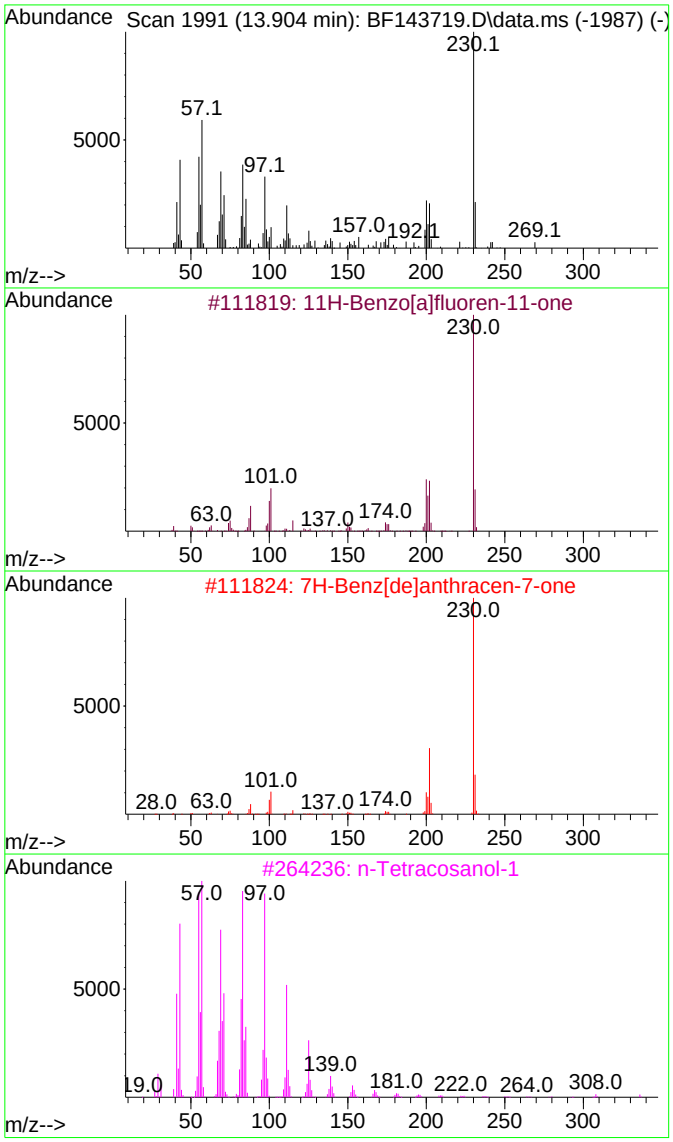
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

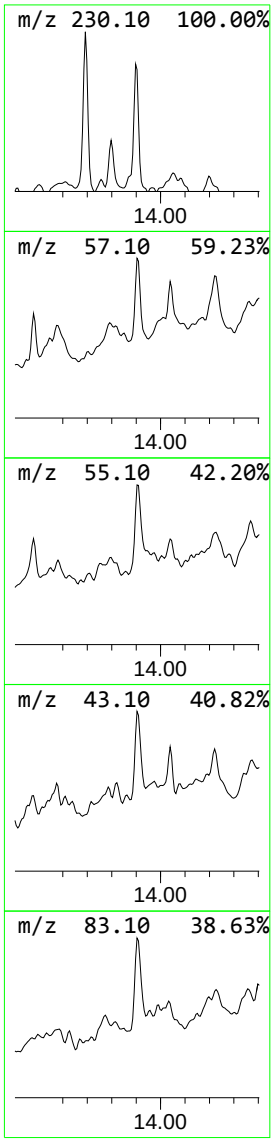
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.31 ng	64046	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	50
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	38
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143719.D
Acq On : 11 Sep 2025 21:25
Operator : RC/JU
Sample : Q3075-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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
2-Pentanone, 4-...	5.110	5.2	ng	61416	1	6.892	234815	20.0
1,1'-Biphenyl, ...	10.598	9.0	ng	143329	3	9.927	318572	20.0
Benzophenone	10.645	3.4	ng	54683	3	9.927	318572	20.0
unknown10.769	10.769	5.6	ng	92842	4	11.416	330015	20.0
Benzene, 1,1'-e...	11.868	10.8	ng	177512	4	11.416	330015	20.0
n-Hexadecanoic ...	11.945	7.3	ng	120888	4	11.416	330015	20.0
Octadecanoic acid	12.727	2.2	ng	36971	4	11.416	330015	20.0
11H-Benzo[a]flu...	13.904	2.3	ng	64046	5	14.057	555265	20.0