LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	499	rVB	6164	9967	1.52%	0.117%
2	5.493	556	561	575	rBV	479327	644616	98.12%	7.571%
3	6.504	727	733	751	rBV	473084	656952	100.00%	7.716%
4	6.875	792	796	810	rVB	262647	340396	51.81%	3.998%
5	7.440	886	892	903	rBV	295408	402211	61.22%	4.724%
6	8.163	1009	1015	1028	rBV	316670	420974	64.08%	4.945%
7	9.234	1192	1197	1207	rBV	488093	603731	91.90%	7.091%
8	9.622	1260	1263	1267	rBV4	4857	6612	1.01%	0.078%
9	9.781	1286	1290	1294	rBV	11794	17054	2.60%	0.200%
10	9.828	1295	1298	1302	rVB5	9072	11244	1.71%	0.132%
11	9.916	1307	1313	1318	rBV	372075	475002	72.30%	5.579%
12	10.251	1365	1370	1373	rBV6	7098	12581	1.92%	0.148%
13	10.328	1379	1383	1387	rBV4	10213	14066	2.14%	0.165%
14	10.381	1389	1392	1397	rVB6	4713	8302	1.26%	0.098%
15	10.628	1430	1434	1443	rVV	81603	107735	16.40%	1.265%
16	10.710	1443	1448	1454	rBV	310628	430587	65.54%	5.058%
17	11.410	1562	1567	1574	rBV	337222	451769	68.77%	5.306%
18	11.933	1652	1656	1662	rVB3	40221	60321	9.18%	0.709%
19	12.233	1704	1707	1711	rVB2	13900	16495	2.51%	0.194%
20	12.551	1757	1761	1769	rVB	19853	28500	4.34%	0.335%
21	12.627	1769	1774	1779	rBV	157312	211075	32.13%	2.479%
22	12.857	1806	1813	1825	rVB	212283	388446	59.13%	4.563%
23	12.992	1831	1836	1845	rVB	416752	598200	91.06%	7.026%
24	13.075	1846	1850	1855	rVB3	27106	41127	6.26%	0.483%
25	13.169	1861	1866	1873	rVB3	36170	79989	12.18%	0.940%
26	13.251	1877	1880	1882	rVV4	10673	12939	1.97%	0.152%
27	13.286	1882	1886	1893	rVB3	36532	58454	8.90%	0.687%
28	13.380	1899	1902	1905	rBV	18898	24397	3.71%	0.287%
29	13.692	1951	1955	1961	rVB	35486	49178	7.49%	0.578%
30	13.804	1969	1974	1977	rBV2	42798	68283	10.39%	0.802%
31	13.857	1981	1983	1987	rVV2	33331	46642	7.10%	0.548%
32	13.898	1987	1990	1995	rVB3	31272	46841	7.13%	0.550%
33	14.057	2009	2017	2020	rBV	344642	624859	95.11%	7.339%
34	14.186	2036	2039	2042	rBV	17281	22701	3.46%	0.267%
35	14.274	2051	2054	2058	rVV	17591	25314	3.85%	0.297%
36	14.316	2058	2061	2065	rVB2	14017	16775	2.55%	0.197%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.486	2086	2090	2093	rBV2	33656	43576	6.63%	0.512%
38	14.569	2101	2104	2112	rVB4	16757	32636	4.97%	0.383%
39	14.757	2133	2136	2140	rVB	14844	16904	2.57%	0.199%
40	15.104	2190	2195	2204	rBV	214359	471696	71.80%	5.540%
41	15.416	2243	2248	2253	rVB	98442	157111	23.92%	1.845%
42	15.474	2254	2258	2264	rVV	70249	117992	17.96%	1.386%
43	15.539	2264	2269	2285	rVB	279051	507716	77.28%	5.963%
44	17.039	2519	2524	2531	rBV3	35019	75676	11.52%	0.889%
45	17.498	2597	2602	2609	rVB	25473	56100	8.54%	0.659%

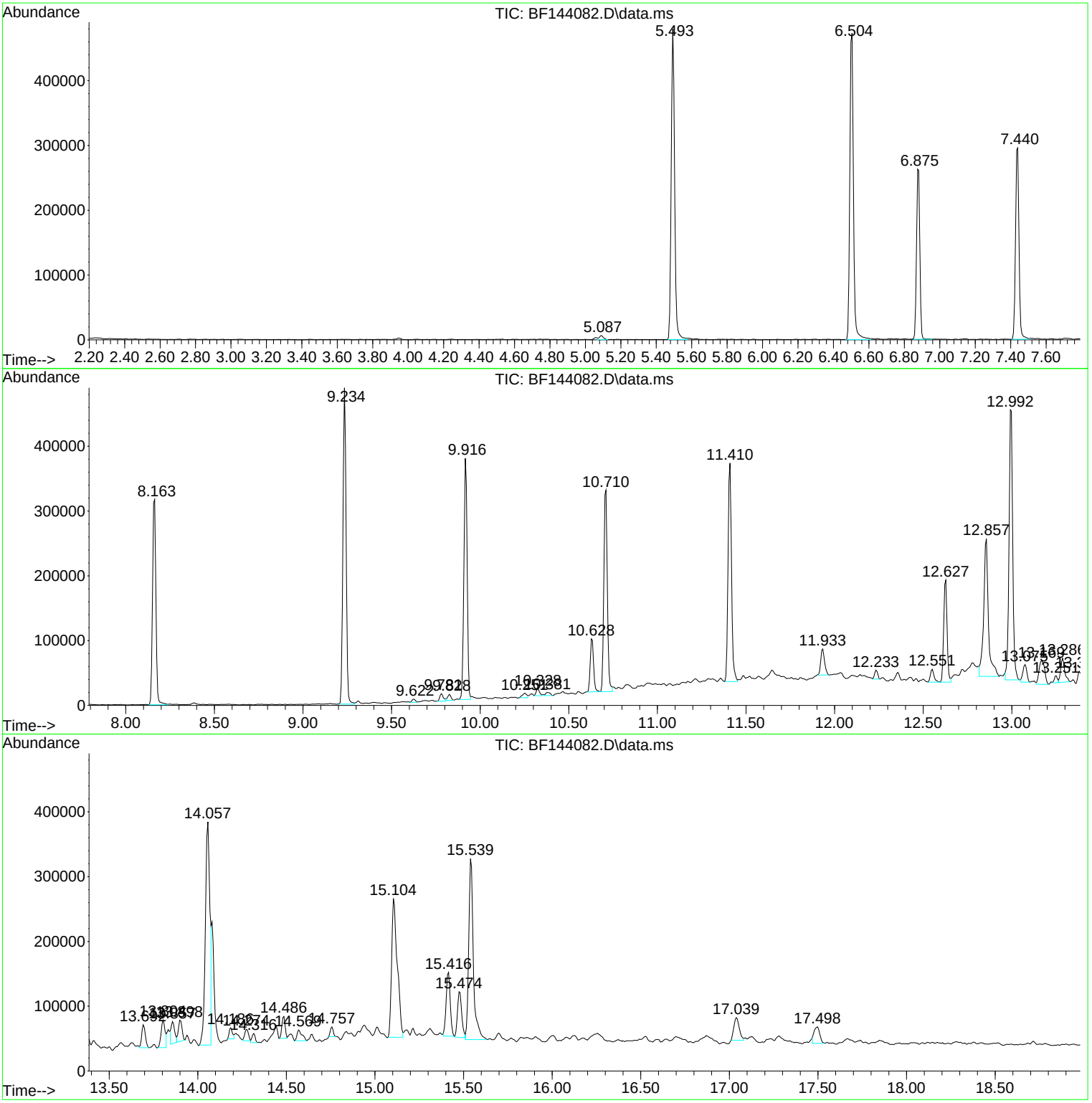
Sum of corrected areas: 8513742

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

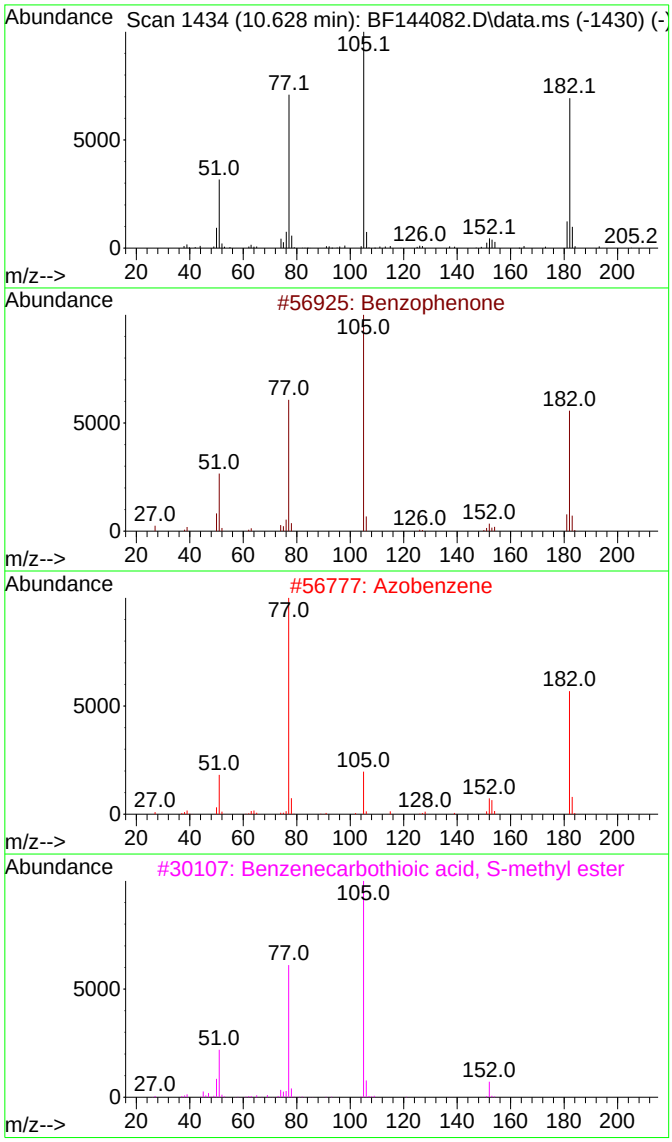
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

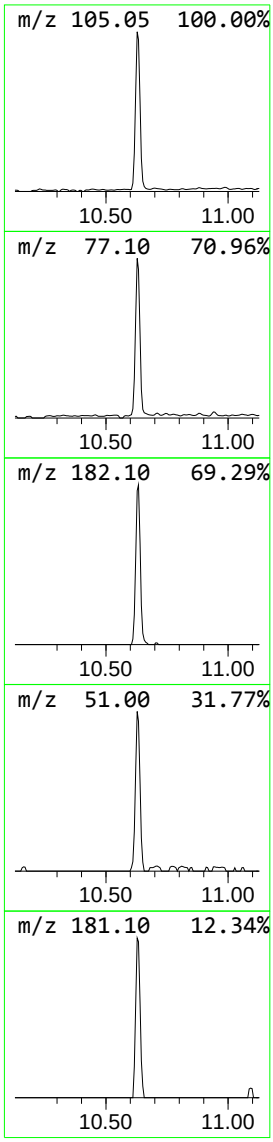
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.54 ng	107735	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

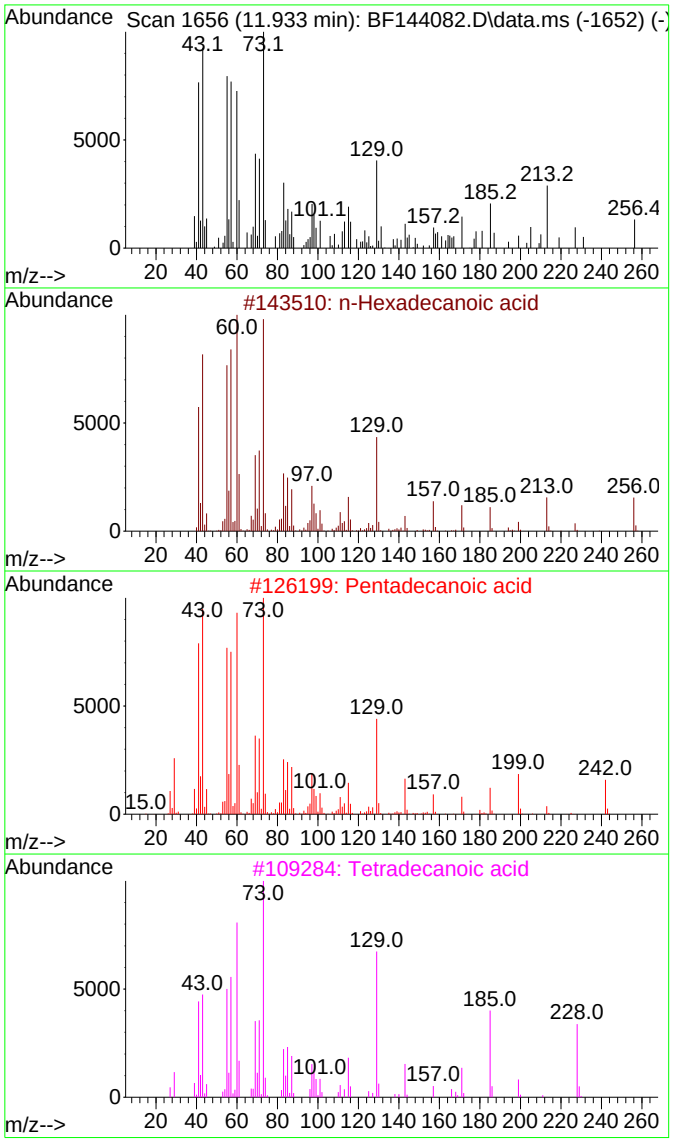
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

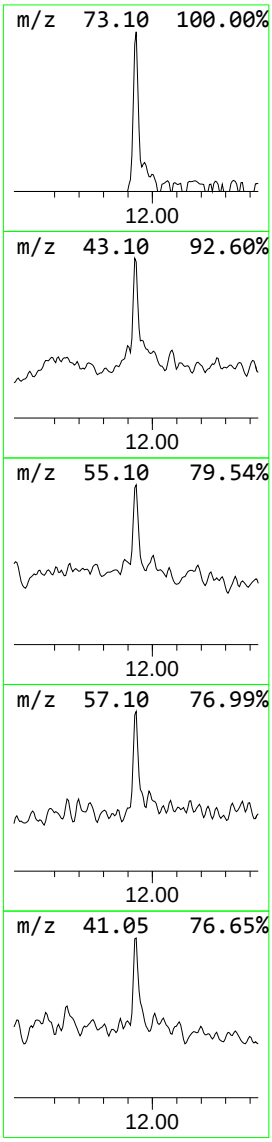
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.67 ng	60321	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

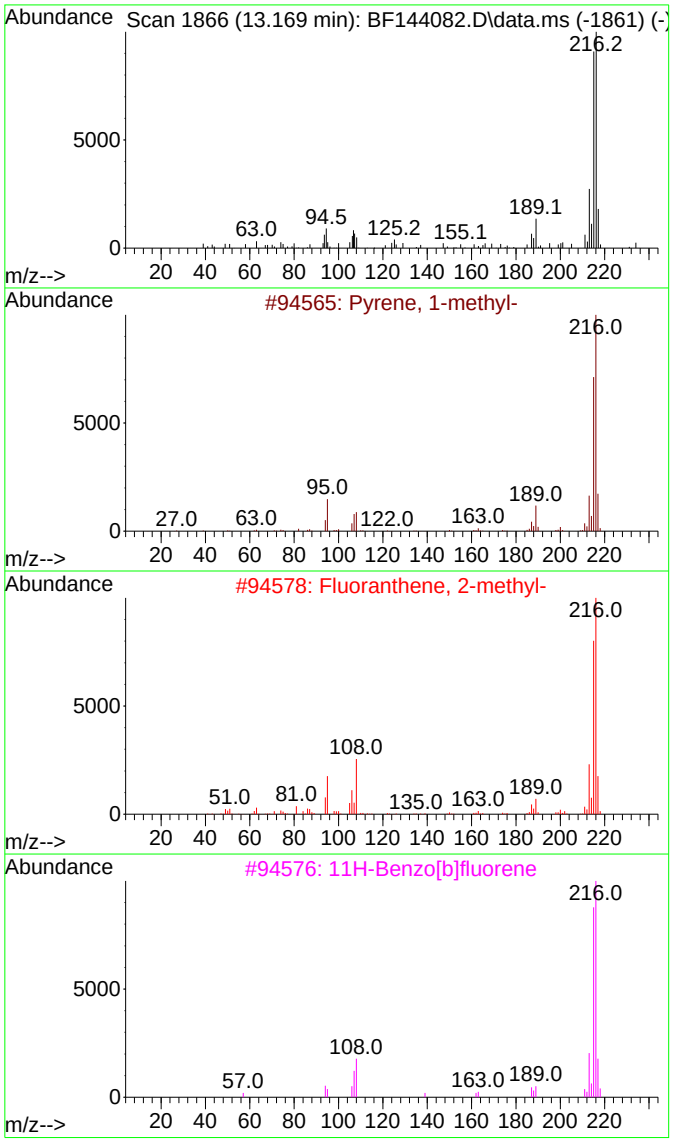
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

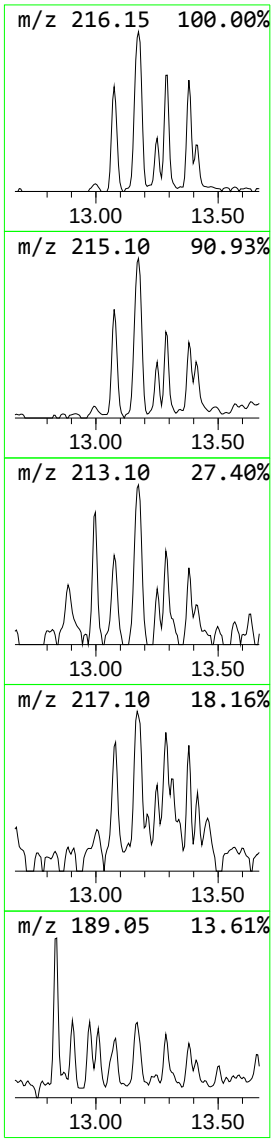
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.56 ng	79989	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

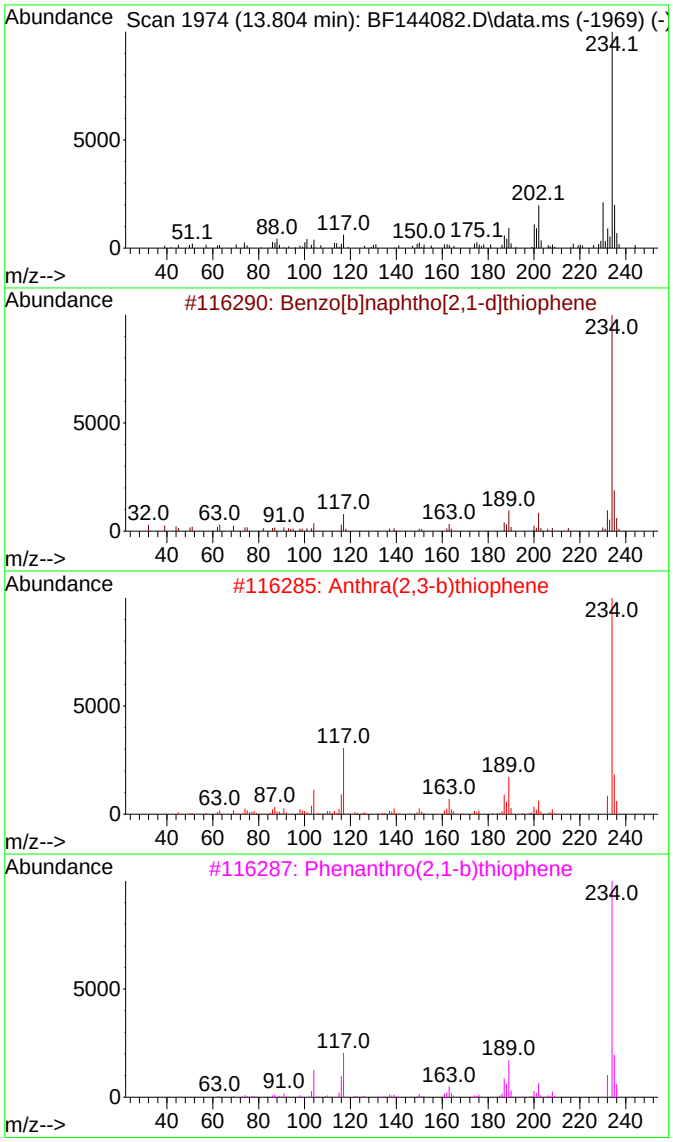
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

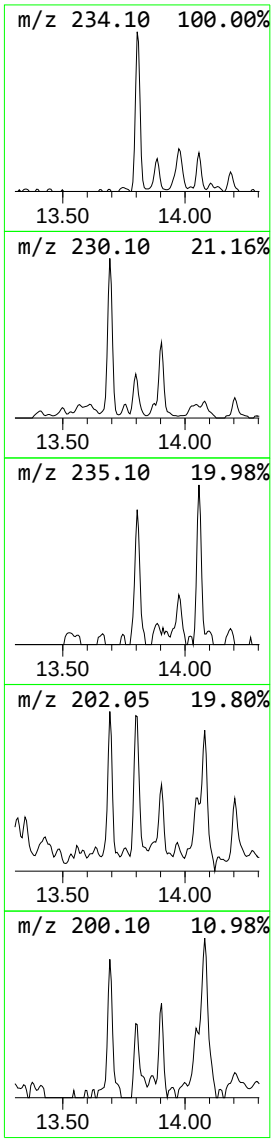
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.19 ng	68283	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	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

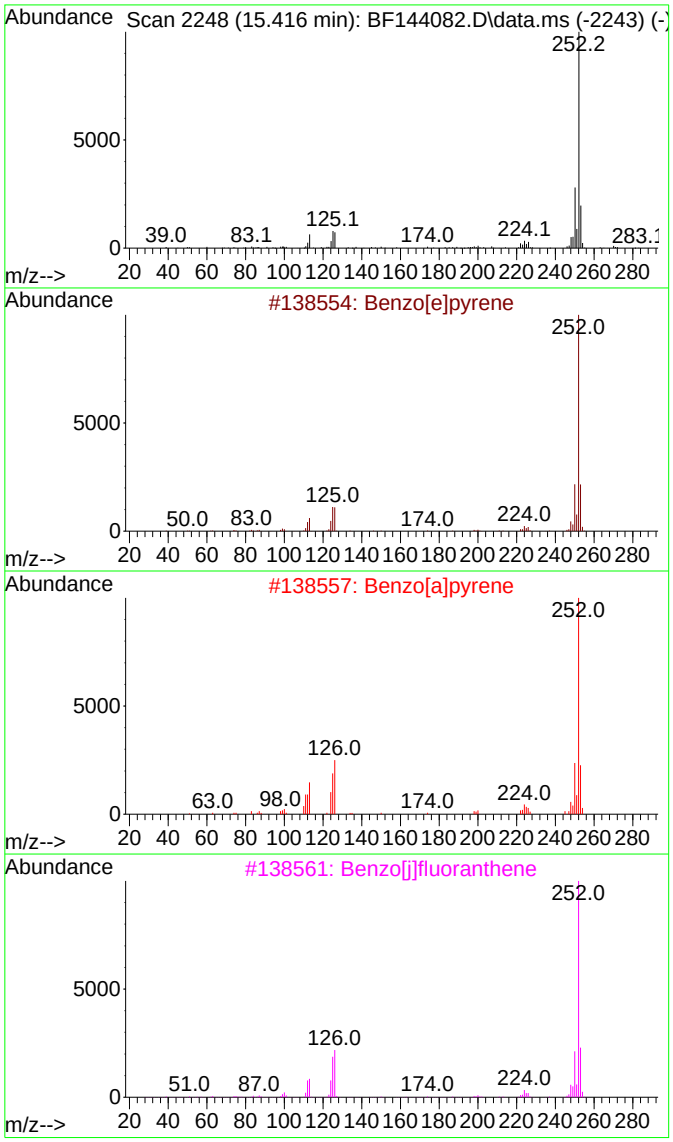
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

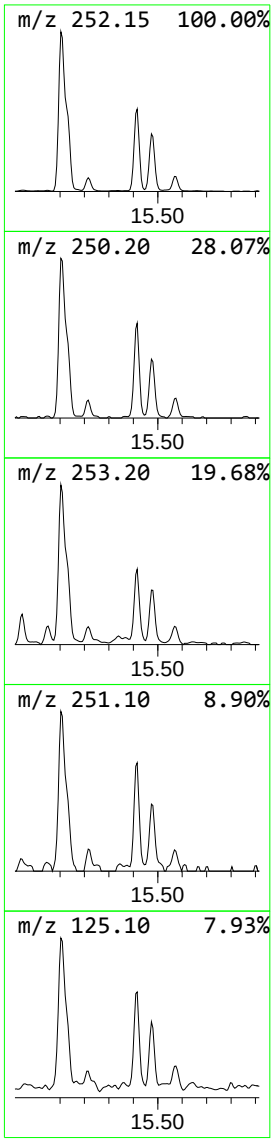
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	6.19 ng	157111	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144082.D
Acq On : 27 Oct 2025 14:34
Operator : RC/JU
Sample : Q3404-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0285-0288

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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	10.628	4.5	ng	107735	3	9.916	475002	20.0
n-Hexadecanoic ...	11.933	2.7	ng	60321	4	11.410	451769	20.0
Pyrene, 1-methyl-	13.169	2.6	ng	79989	5	14.057	624859	20.0
Benzo[b]naphtho...	13.804	2.2	ng	68283	5	14.057	624859	20.0
Benzo[e]pyrene	15.416	6.2	ng	157111	6	15.539	507716	20.0