LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	29	rVB	22407	39153	1.65%	0.188%
2	5.116	488	497	507	rBV	156927	237811	10.05%	1.141%
3	5.516	558	565	570	rBV	1514657	2071322	87.50%	9.934%
4	6.516	729	735	749	rVB	1472988	2021827	85.41%	9.696%
5	6.898	794	800	805	rBV	598320	750434	31.70%	3.599%
6	7.457	889	895	900	rBV	1020565	1305577	55.15%	6.261%
7	7.710	934	938	949	rVB	20316	27863	1.18%	0.134%
8	8.181	1013	1018	1030	rBV	748295	928074	39.20%	4.451%
9	9.257	1195	1201	1206	rBV	1845056	2367318	100.00%	11.353%
10	9.934	1311	1316	1321	rBV	710782	895006	37.81%	4.292%
11	10.481	1405	1409	1415	rVB	20887	28170	1.19%	0.135%
12	10.645	1432	1437	1445	rVB	113423	144926	6.12%	0.695%
13	10.722	1445	1450	1466	rBV	846599	1081535	45.69%	5.187%
14	11.281	1540	1545	1549	rBV2	72827	92708	3.92%	0.445%
15	11.339	1549	1555	1559	rVB2	24799	43302	1.83%	0.208%
16	11.422	1564	1569	1578	rBV2	566025	973547	41.12%	4.669%
17	11.498	1578	1582	1586	rVB	57450	69333	2.93%	0.333%
18	11.651	1603	1608	1616	rBV2	27204	50559	2.14%	0.242%
19	11.945	1651	1658	1664	rBV2	172289	300309	12.69%	1.440%
20	12.039	1670	1674	1682	rVB2	62549	113191	4.78%	0.543%
21	12.198	1697	1701	1703	rBV4	21211	31224	1.32%	0.150%
22	12.475	1744	1748	1751	rBV	24286	34467	1.46%	0.165%
23	12.510	1751	1754	1759	rVV2	17264	27360	1.16%	0.131%
24	12.563	1759	1763	1768	rVB2	23016	32932	1.39%	0.158%
25	12.639	1771	1776	1780	rBV	434455	553254	23.37%	2.653%
26	12.733	1788	1792	1796	rBV2	29834	41467	1.75%	0.199%
27	12.869	1808	1815	1820	rBV	384967	593346	25.06%	2.846%
28	13.010	1831	1839	1846	rBV	1406482	1830782	77.34%	8.780%
29	13.086	1847	1852	1856	rBV2	40405	71342	3.01%	0.342%
30	13.192	1863	1870	1874	rBV	60998	112525	4.75%	0.540%
31	13.263	1878	1882	1884	rBV	33273	38793	1.64%	0.186%
32	13.298	1884	1888	1892	rVV2	44393	54578	2.31%	0.262%
33	13.392	1901	1904	1906	rBV	20950	23854	1.01%	0.114%
34	13.704	1954	1957	1961	rVB	36981	48034	2.03%	0.230%
35	13.816	1972	1976	1978	rBV2	38028	56352	2.38%	0.270%
36	13.910	1988	1992	2001	rVB	119906	201180	8.50%	0.965%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.063	2012	2018	2029	rBV2	732753	1452452	61.35%	6.966%
38	15.121	2193	2198	2207	rBV	284551	659973	27.88%	3.165%
39	15.433	2247	2251	2257	rVB	148894	240930	10.18%	1.155%
40	15.498	2257	2262	2267	rBV	209688	331522	14.00%	1.590%
41	15.563	2268	2273	2285	rVB	467765	872822	36.87%	4.186%

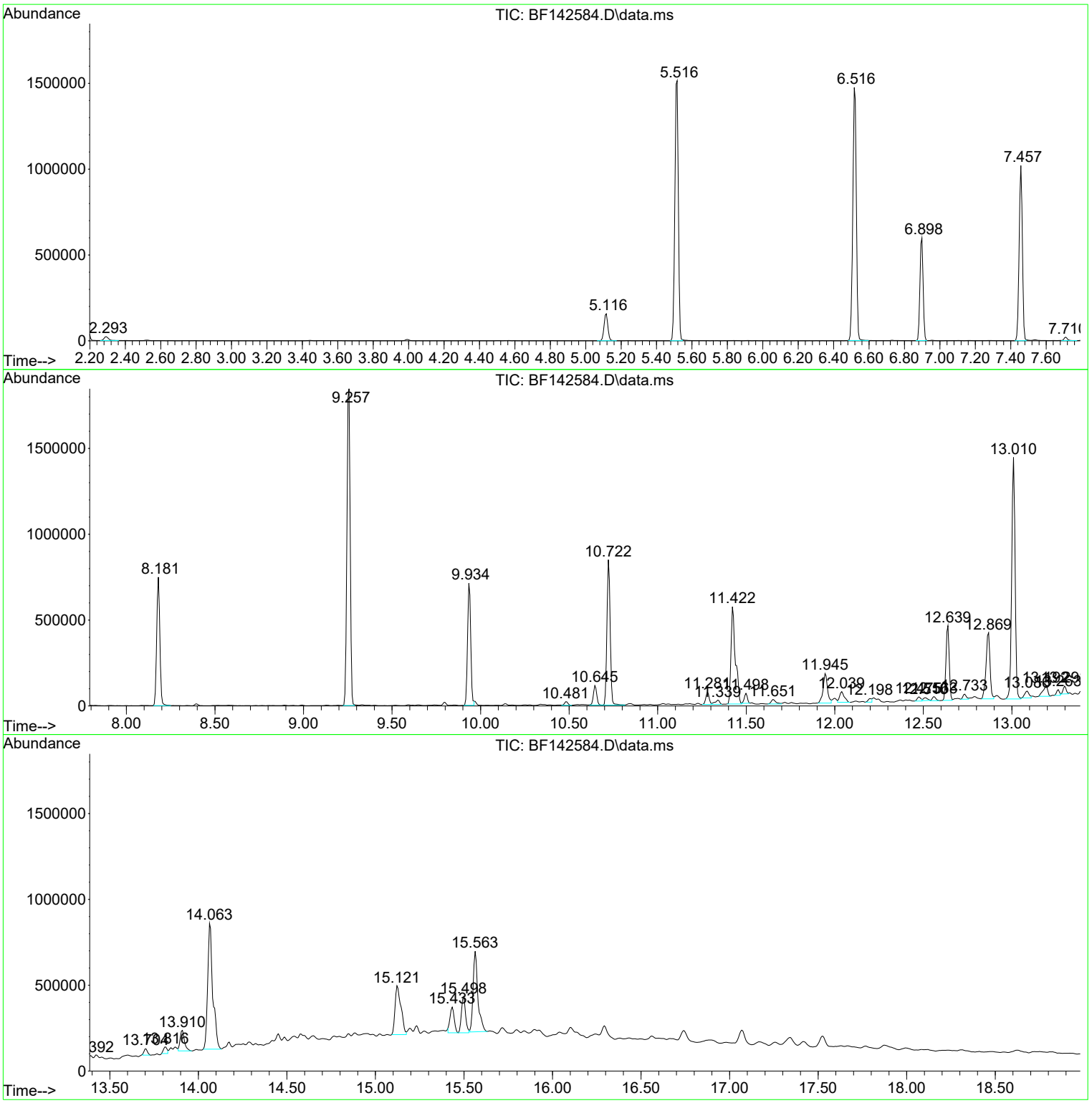
Sum of corrected areas: 20851154

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

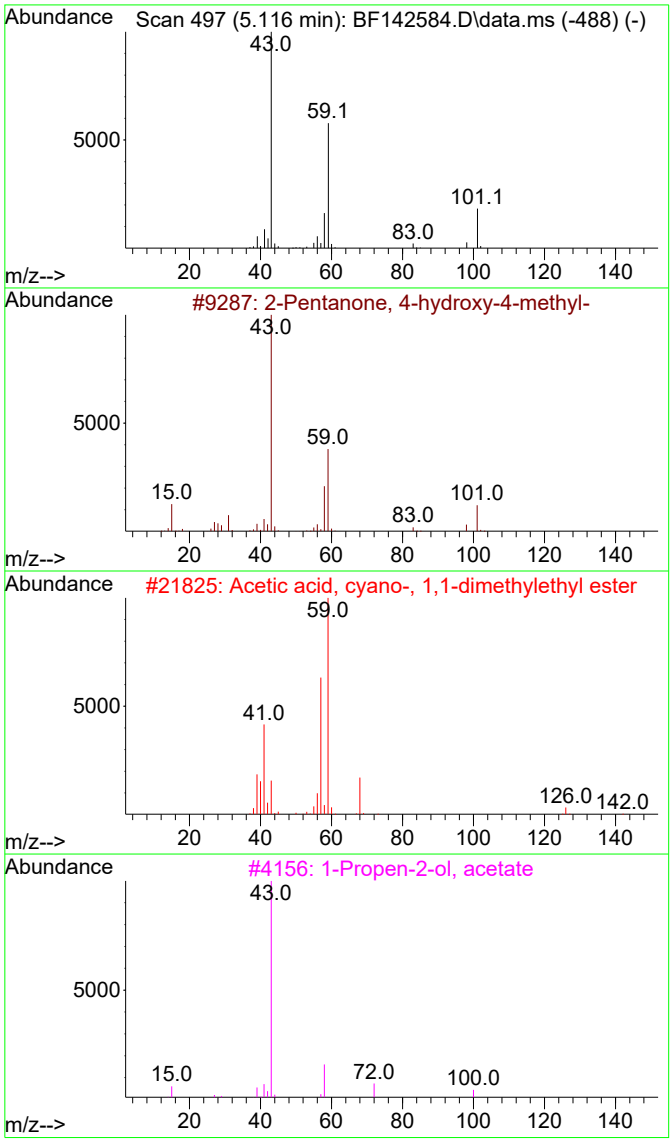
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

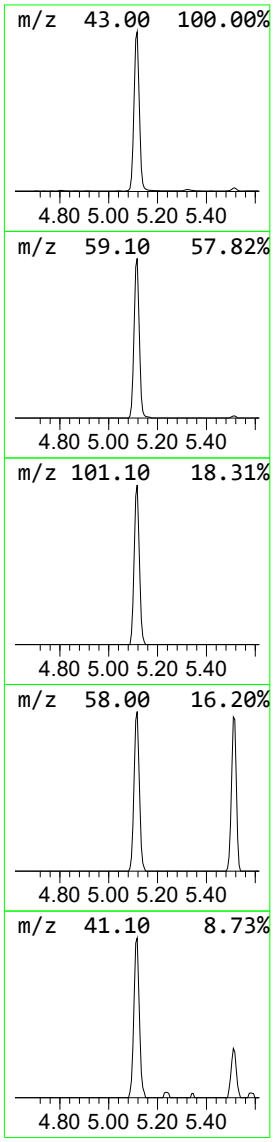
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.34 ng	237811	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

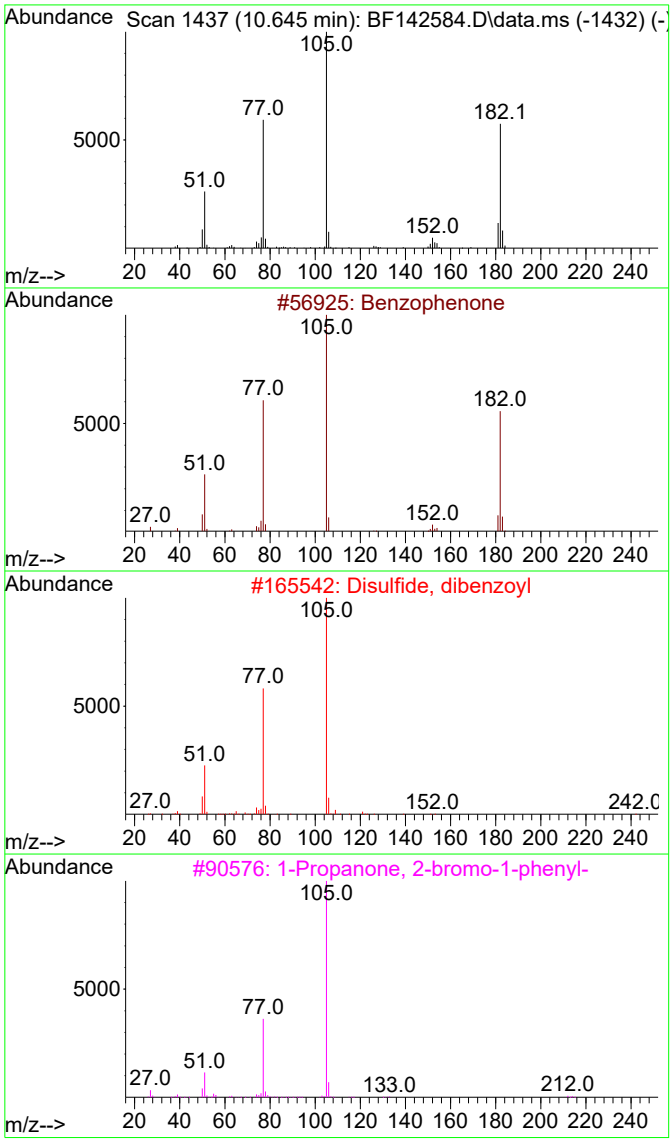
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

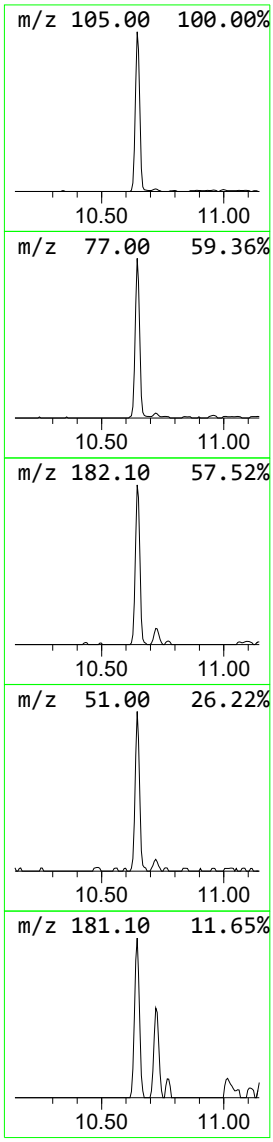
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.24 ng	144926	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

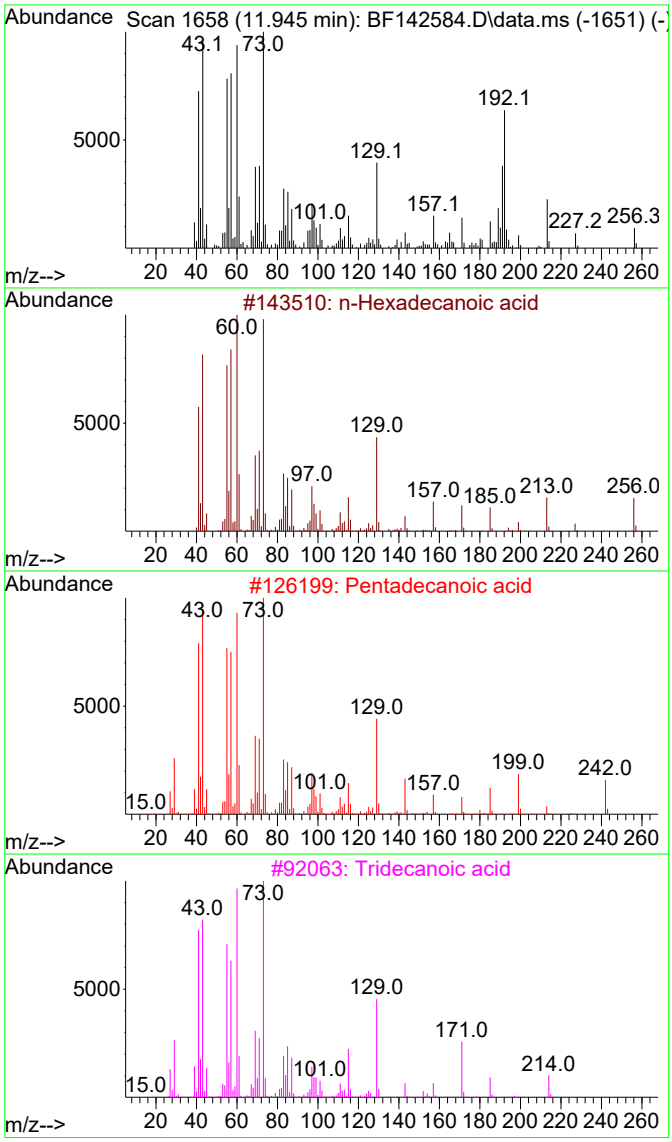
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

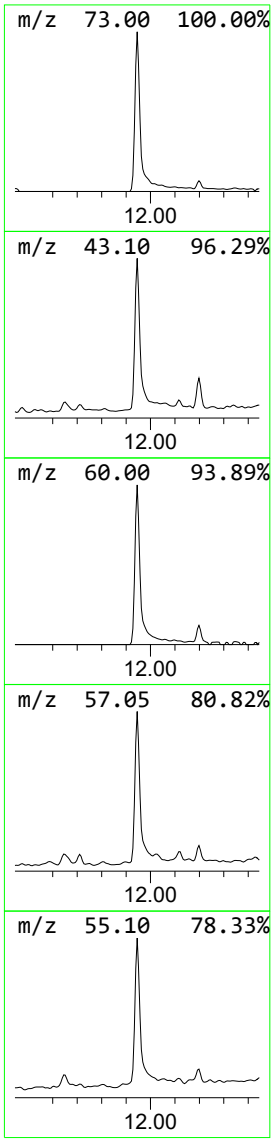
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.17 ng	300309	Phenanthrene-d10	11.422

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	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

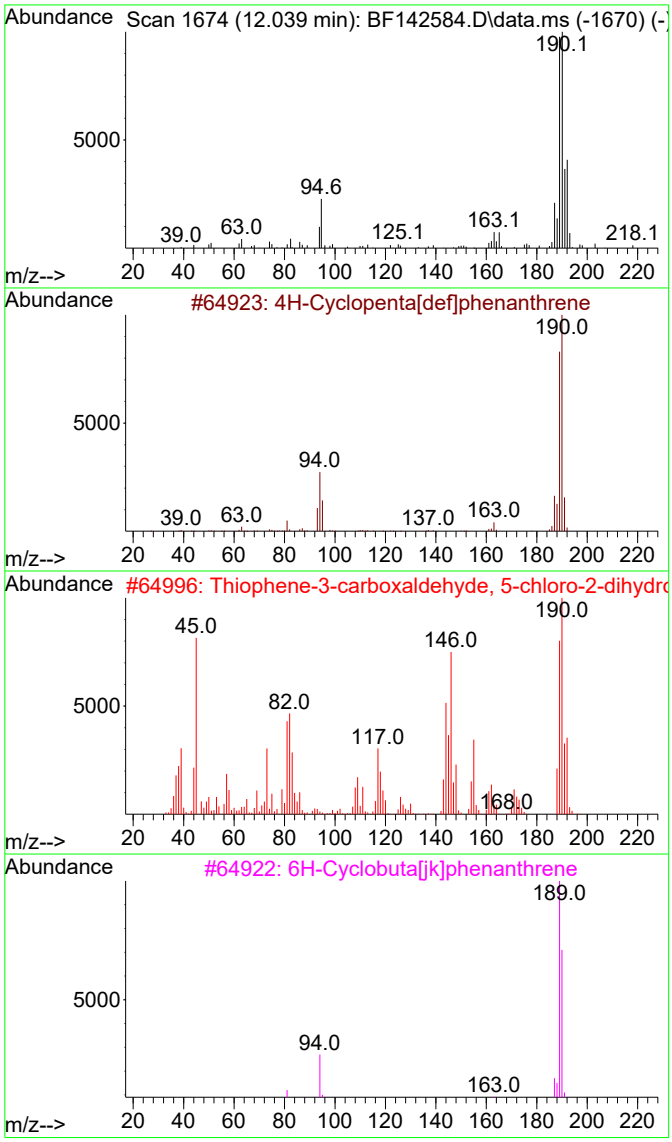
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

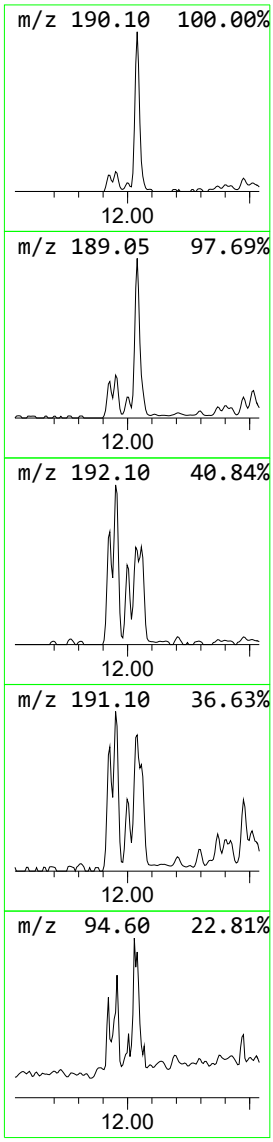
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	2.33 ng	113191	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

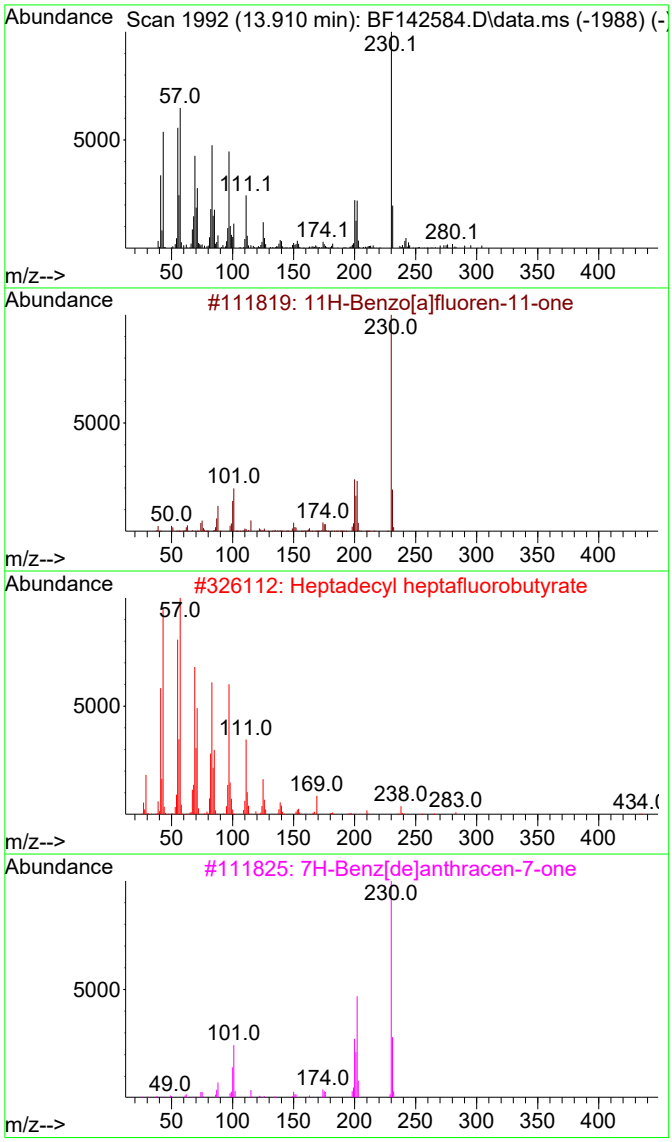
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

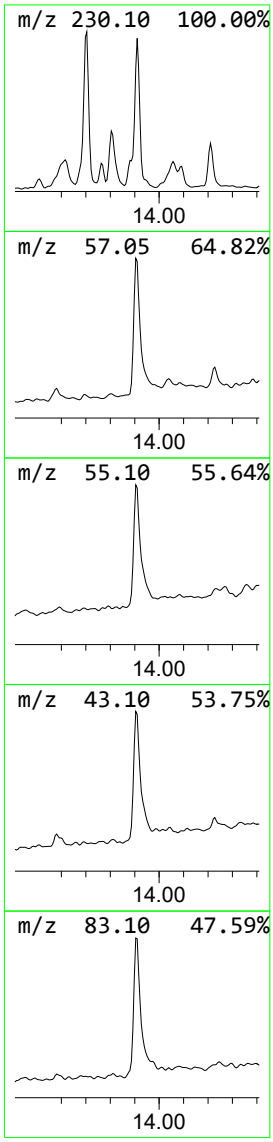
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.77 ng	201180	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	53
5	Cycloeicosane	280	C20H40	000296-56-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

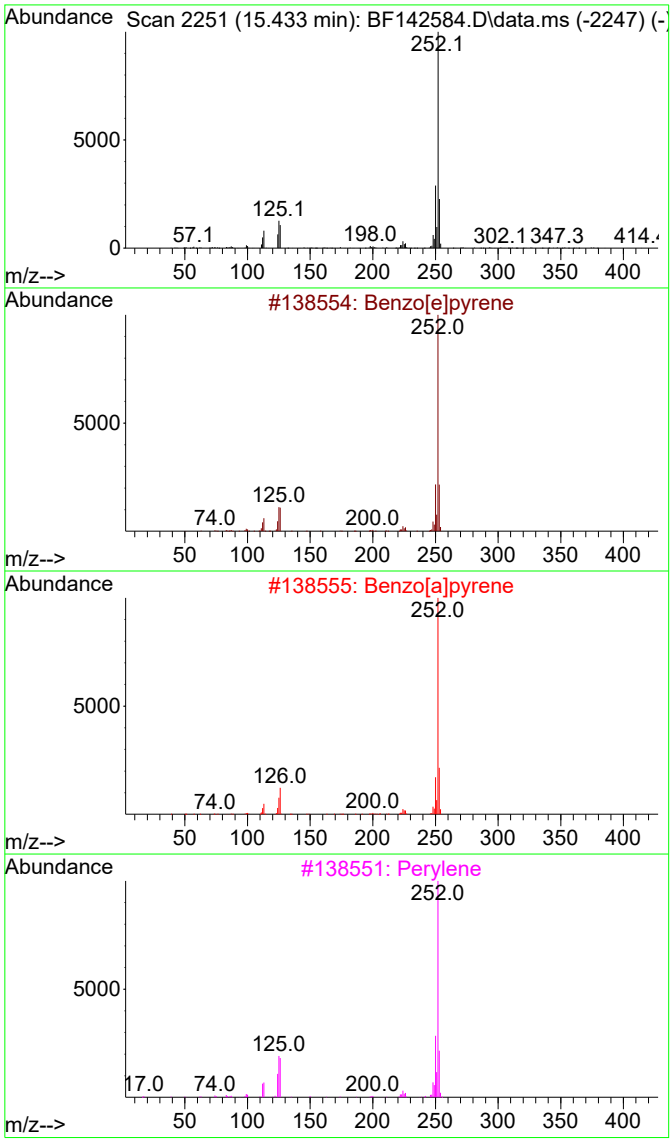
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

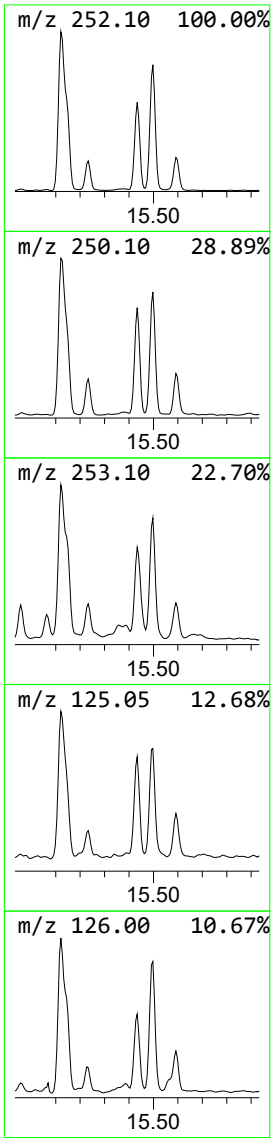
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	5.52 ng	240930	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142584.D
Acq On : 30 May 2025 22:11
Operator : RC/JU
Sample : Q2150-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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-...	5.116	6.3	ng	237811	1	6.898	750434	20.0
Benzophenone	10.645	3.2	ng	144926	3	9.934	895006	20.0
n-Hexadecanoic ...	11.945	6.2	ng	300309	4	11.422	973547	20.0
4H-Cyclopenta[d...	12.039	2.3	ng	113191	4	11.422	973547	20.0
11H-Benzo[a]flu...	13.910	2.8	ng	201180	5	14.069	1452450	20.0
Benzo[e]pyrene	15.433	5.5	ng	240930	6	15.563	872822	20.0