LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-32

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: BF143741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	493	495	500	rVB	3125	4426	1.00%	0.106%
2	5.504	558	563	568	rBV	295365	382141	86.61%	9.114%
3	6.510	728	734	739	rBV	283885	373032	84.55%	8.897%
4	6.892	795	799	804	rBB	121283	144421	32.73%	3.444%
5	7.451	888	894	899	rBV	177590	223443	50.64%	5.329%
6	7.857	959	963	973	rBB	3974	7405	1.68%	0.177%
7	8.175	1011	1017	1025	rBV	137729	175578	39.79%	4.187%
8	9.251	1194	1200	1210	rBV	303548	390645	88.54%	9.317%
9	9.927	1310	1315	1320	rBV	138029	175032	39.67%	4.174%
10	10.639	1431	1436	1442	rBV	41012	53687	12.17%	1.280%
11	10.716	1444	1449	1455	rBV	203569	251101	56.91%	5.989%
12	10.839	1466	1470	1475	rBV2	3636	5985	1.36%	0.143%
13	10.951	1485	1489	1494	rBV	9937	11705	2.65%	0.279%
14	11.221	1531	1535	1540	rBV3	4288	5313	1.20%	0.127%
15	11.416	1563	1568	1576	rBV2	132626	196933	44.63%	4.697%
16	11.492	1576	1581	1585	rVV	5897	7350	1.67%	0.175%
17	11.645	1602	1607	1609	rBV2	3559	4708	1.07%	0.112%
18	11.939	1650	1657	1664	rVV2	53356	87187	19.76%	2.079%
19	12.033	1668	1673	1681	rVB3	8622	18413	4.17%	0.439%
20	12.216	1699	1704	1706	rBV2	3730	5655	1.28%	0.135%
21	12.551	1759	1761	1767	rVB4	3458	4702	1.07%	0.112%
22	12.633	1769	1775	1781	rBV	50319	68241	15.47%	1.627%
23	12.727	1787	1791	1795	rBV2	9437	13099	2.97%	0.312%
24	12.857	1807	1813	1820	rBV	46937	72905	16.52%	1.739%
25	12.916	1820	1823	1827	rVB3	4983	7077	1.60%	0.169%
26	13.004	1833	1838	1845	rVB	347035	441218	100.00%	10.523%
27	13.080	1845	1851	1857	rBV6	6281	14027	3.18%	0.335%
28	13.139	1857	1861	1865	rBV	32971	44058	9.99%	1.051%
29	13.186	1866	1869	1872	rVB	7164	9188	2.08%	0.219%
30	13.257	1875	1881	1882	rBV3	2707	4701	1.07%	0.112%
31	13.286	1882	1886	1889	rBV4	7424	11241	2.55%	0.268%
32	13.386	1900	1903	1906	rBV	3129	4751	1.08%	0.113%
33	13.474	1914	1918	1921	rVB3	4915	5828	1.32%	0.139%
34	13.574	1932	1935	1941	rBV8	4069	8507	1.93%	0.203%
35	13.692	1950	1955	1959	rBV2	7716	13854	3.14%	0.330%
36	13.798	1969	1973	1978	rBV3	6001	11311	2.56%	0.270%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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	13.915	1987	1993	2002	rBV4	18377	45285	10.26%	1.080%
38	14.057	2009	2017	2028	rBV2	191273	325654	73.81%	7.767%
39	14.162	2031	2035	2040	rVB7	6877	10620	2.41%	0.253%
40	14.227	2042	2046	2051	rBV7	4313	9245	2.10%	0.220%
41	14.445	2080	2083	2086	rVB	6991	7909	1.79%	0.189%
42	14.480	2086	2089	2092	rVB3	5668	5897	1.34%	0.141%
43	14.568	2101	2104	2112	rVB9	9116	20207	4.58%	0.482%
44	14.821	2142	2147	2153	rBV2	21483	36733	8.33%	0.876%
45	14.915	2159	2163	2167	rBV2	14177	20229	4.58%	0.482%
46	15.104	2189	2195	2204	rBV	37096	88080	19.96%	2.101%
47	15.215	2211	2214	2217	rVB	6109	7292	1.65%	0.174%
48	15.409	2243	2247	2252	rVB	22812	35239	7.99%	0.840%
49	15.474	2253	2258	2263	rBV	25458	40935	9.28%	0.976%
50	15.539	2263	2269	2282	rVB	125271	212799	48.23%	5.075%
51	16.721	2466	2470	2478	rVB10	6243	15545	3.52%	0.371%
52	17.027	2516	2522	2531	rVB2	10295	25199	5.71%	0.601%
53	17.156	2539	2544	2549	rBV7	2850	5948	1.35%	0.142%
54	17.480	2593	2599	2606	rVB	10290	21320	4.83%	0.508%

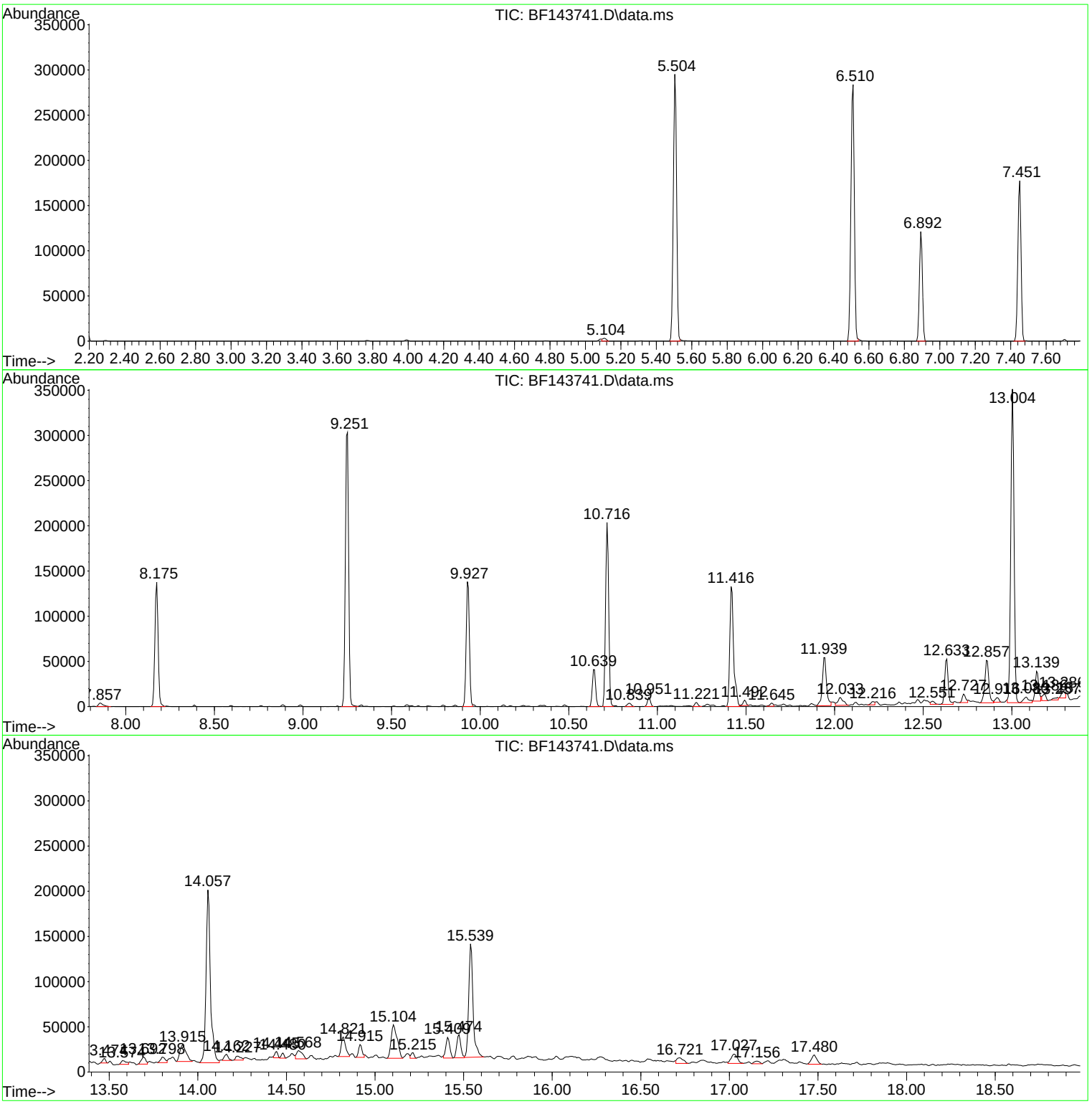
Sum of corrected areas: 4193004

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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

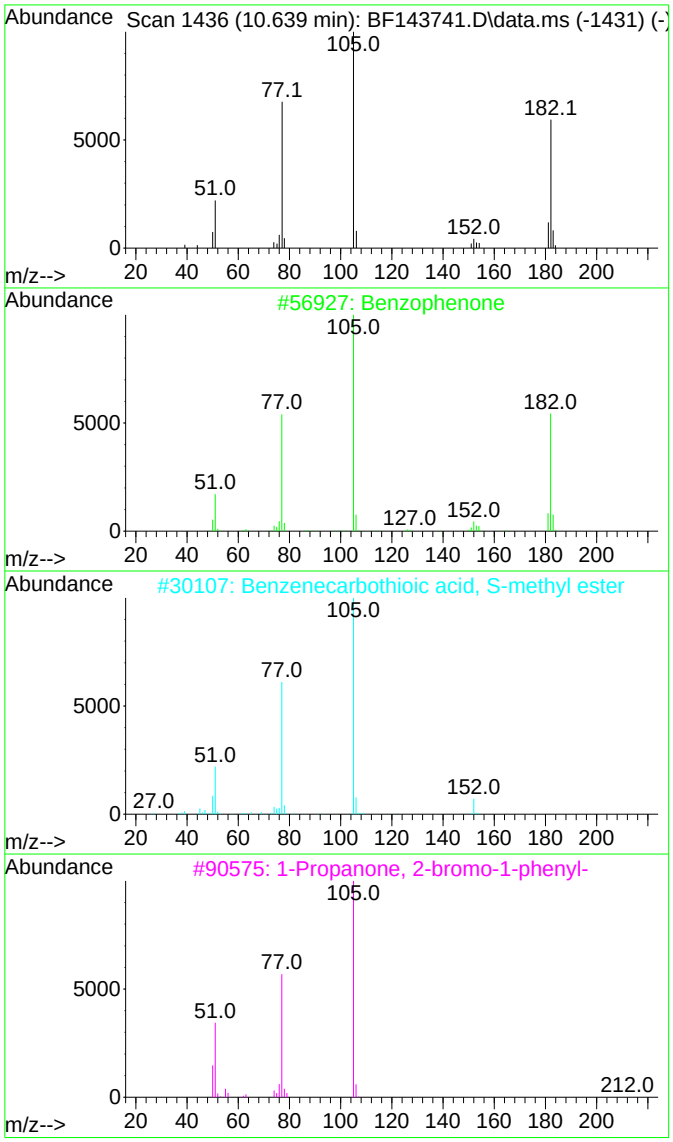
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

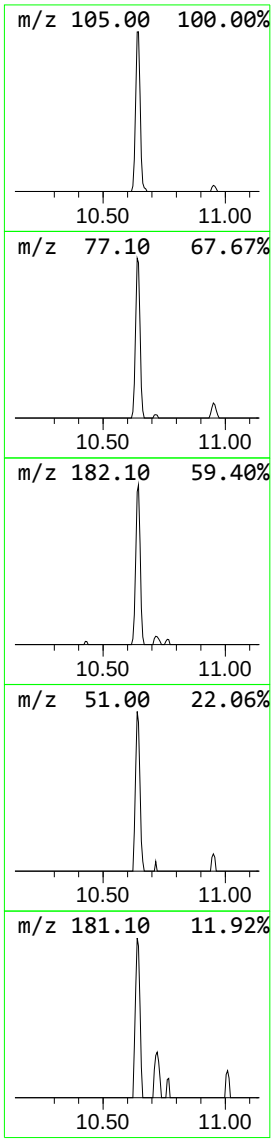
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	6.13 ng	53687	Acenaphthene-d10	9.927

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	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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

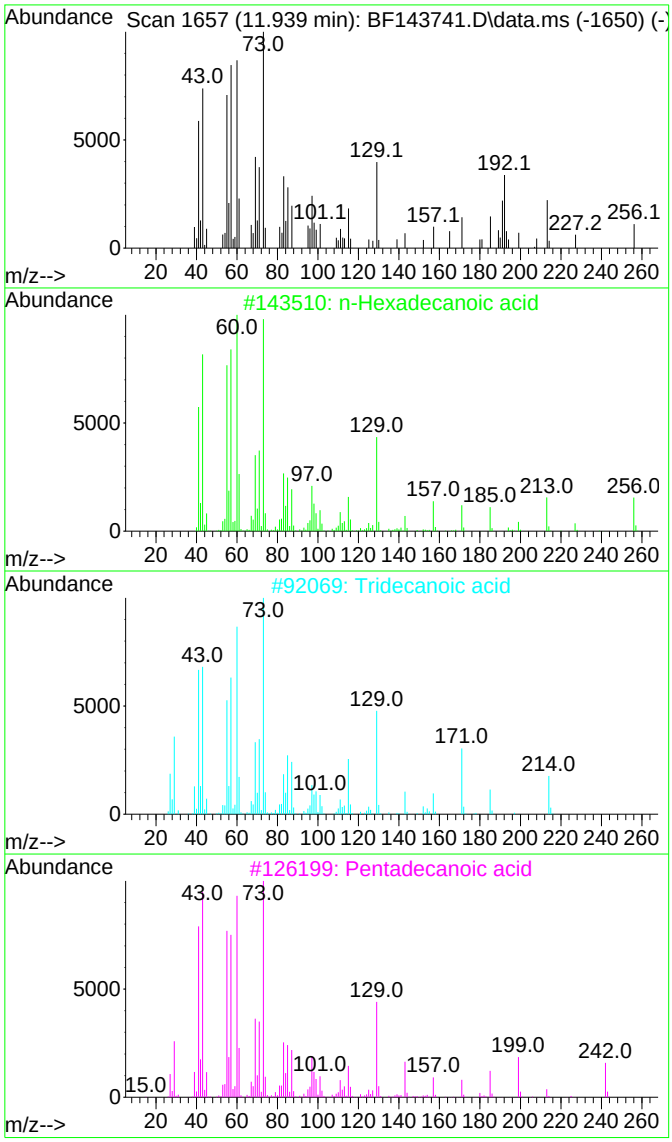
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

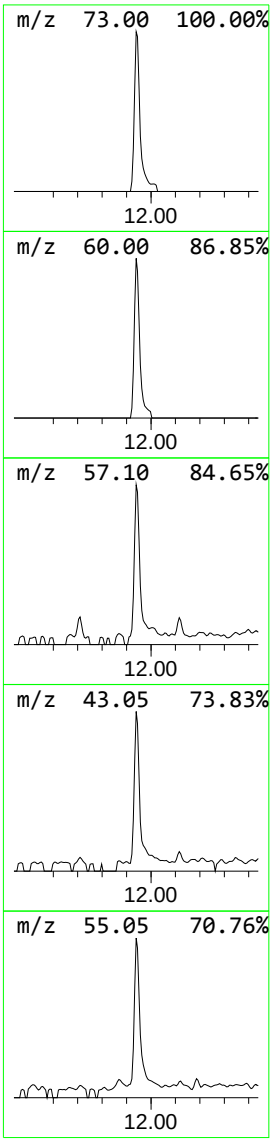
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	8.85 ng	87187	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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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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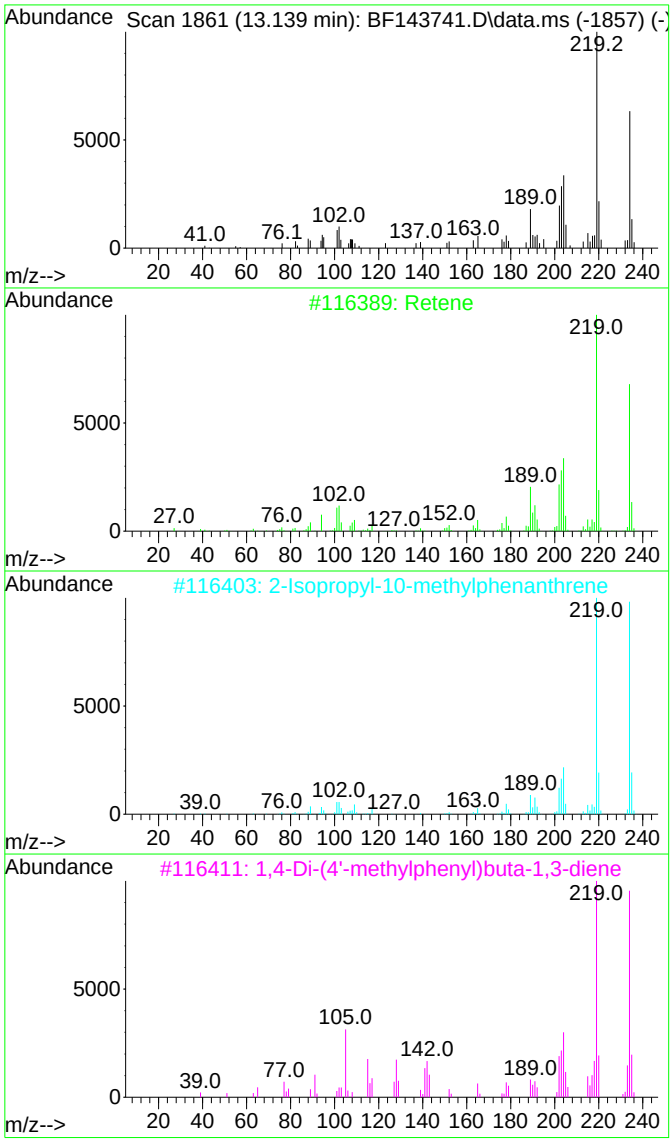
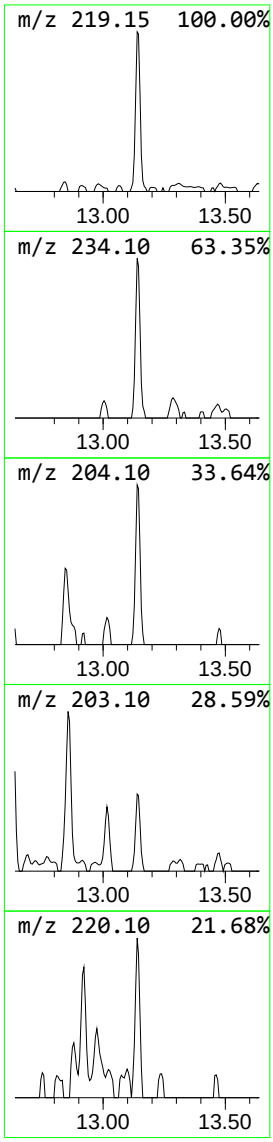
Peak Number 3 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.71 ng	44058	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	96
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	90
4	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	86
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

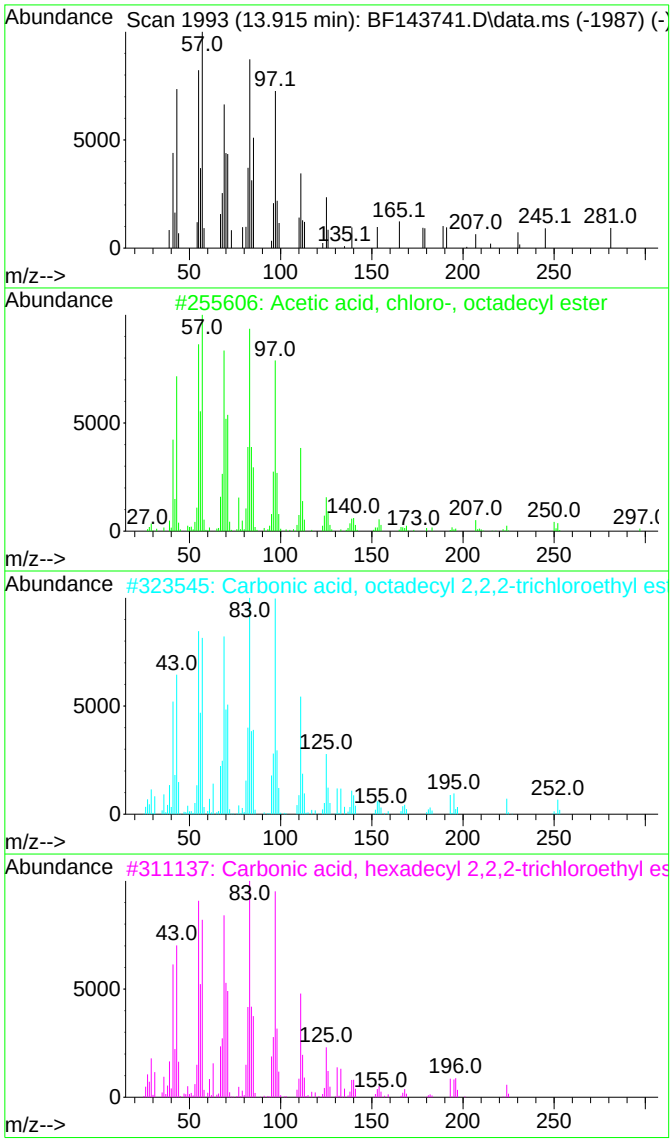
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

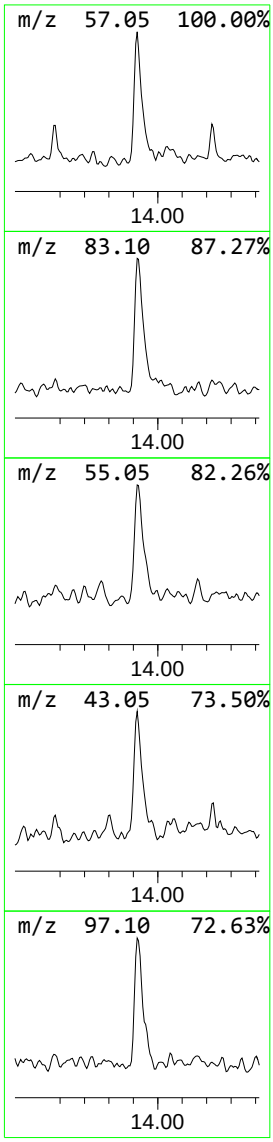
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetic acid, chloro-, octad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	2.78 ng	45285	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	93
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
3	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	90
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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

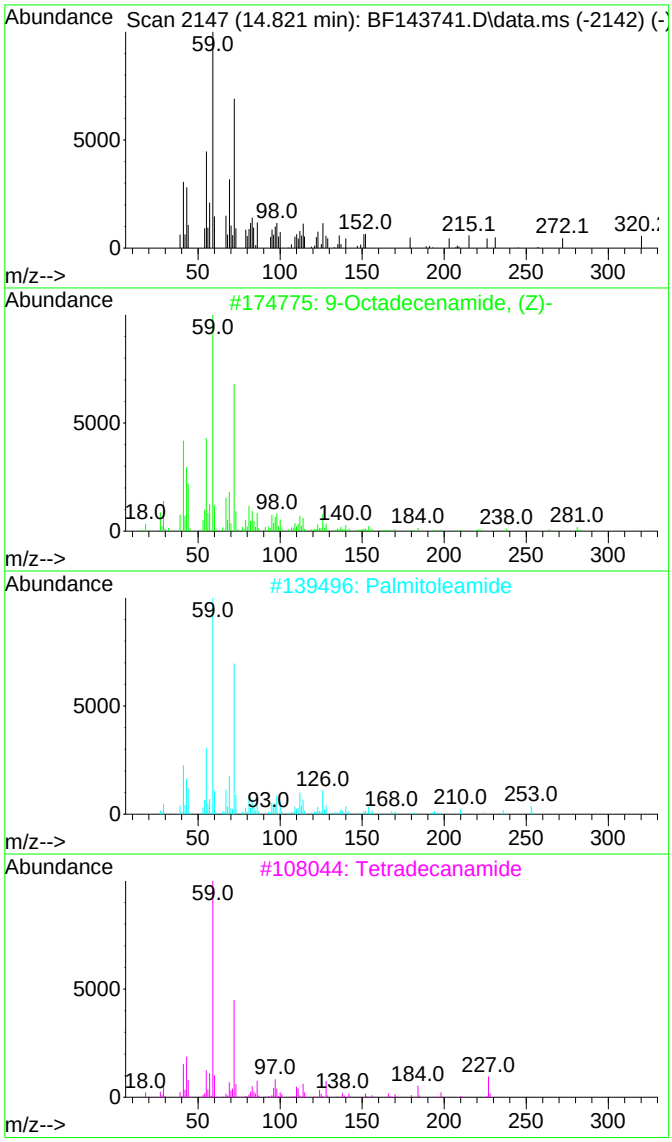
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

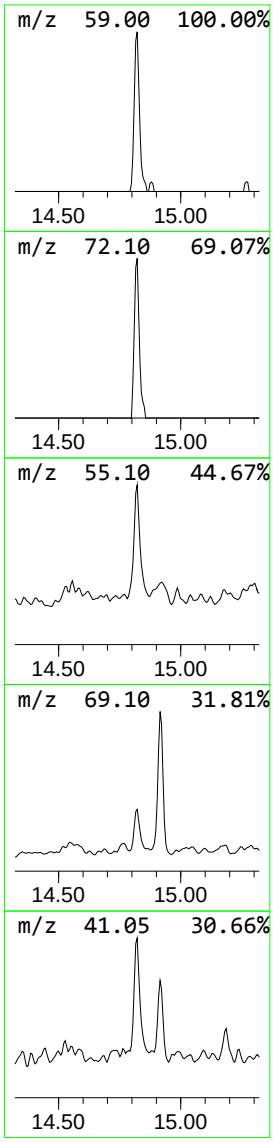
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	3.45 ng	36733	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	59
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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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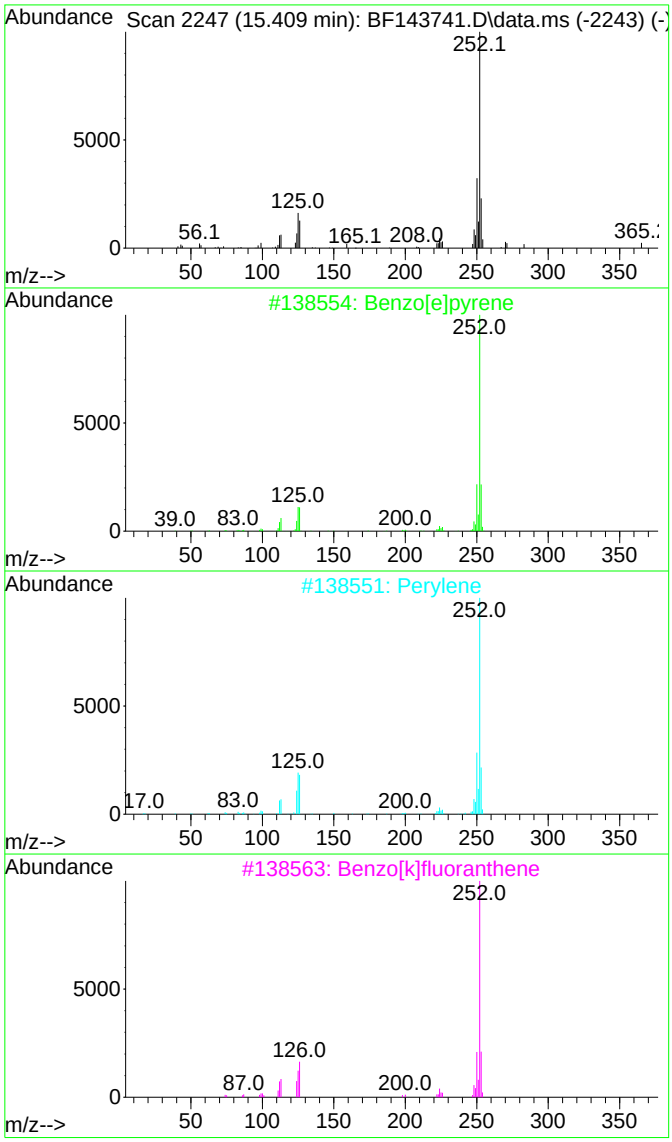
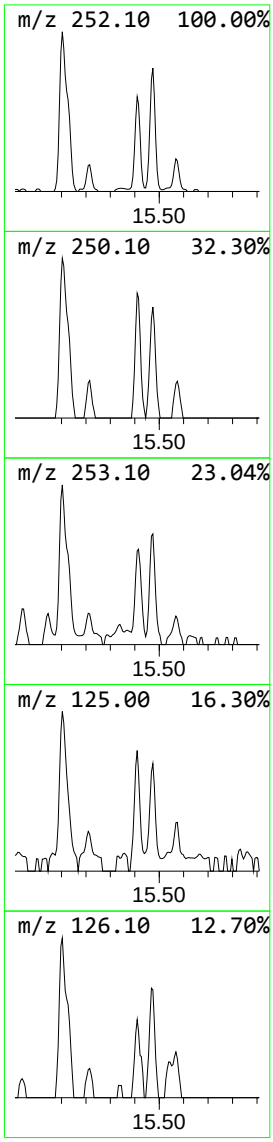
Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.31 ng	35239	Perylene-d12	15.539

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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

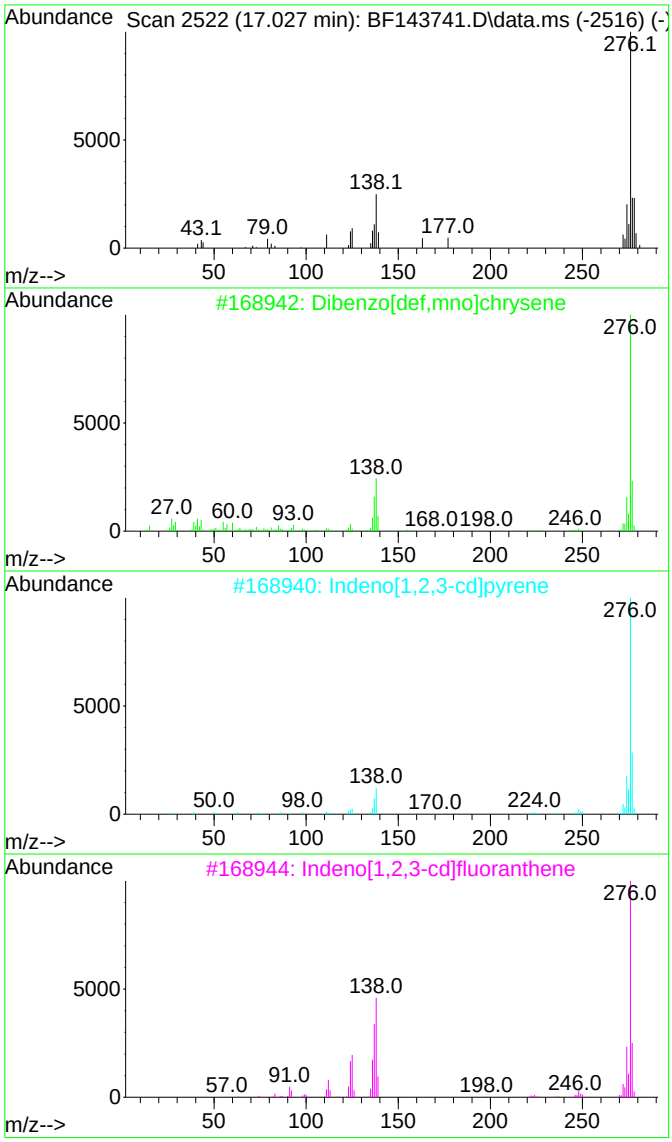
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

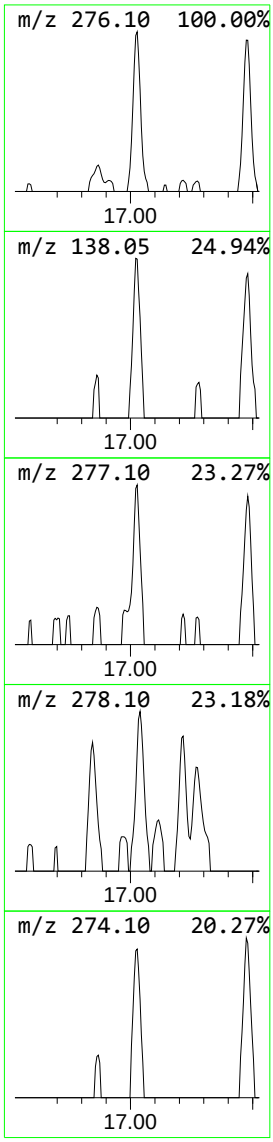
****

Peak Number 7 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	2.37 ng	25199	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	62
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	62
5	5H-Thiazolo[3,2-a]pyrimidin-5-on...	276	C13H9ClN2OS	023429-91-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143741.D
Acq On : 12 Sep 2025 19:07
Operator : RC/JU
Sample : Q3082-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-32

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
Benzophenone	10.639	6.1	ng	53687	3	9.927	175032	20.0
n-Hexadecanoic ...	11.939	8.8	ng	87187	4	11.416	196933	20.0
Retene	13.139	2.7	ng	44058	5	14.057	325654	20.0
Acetic acid, ch...	13.915	2.8	ng	45285	5	14.057	325654	20.0
9-Octadecenamid...	14.821	3.5	ng	36733	6	15.539	212799	20.0
Benzo[e]pyrene	15.410	3.3	ng	35239	6	15.539	212799	20.0
Dibenzo[def,mno...	17.027	2.4	ng	25199	6	15.539	212799	20.0