LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	7	12	35	rVB2	9809	27430	1.05%	0.100%
2	5.098	485	494	500	rBV2	28728	53088	2.04%	0.194%
3	5.493	555	561	575	rBV	1907875	2500906	95.94%	9.157%
4	6.498	726	732	737	rBV	1753785	2305520	88.45%	8.442%
5	6.887	792	798	803	rBV	606007	773027	29.66%	2.830%
6	7.440	884	892	898	rBV	1104481	1416397	54.34%	5.186%
7	8.163	1010	1015	1025	rBV	694154	895548	34.36%	3.279%
8	9.239	1193	1198	1203	rBV	1711172	2101018	80.60%	7.693%
9	9.781	1286	1290	1295	rBV	28637	34104	1.31%	0.125%
10	9.922	1309	1314	1319	rBV	656343	802420	30.78%	2.938%
11	10.633	1430	1435	1442	rVB	159914	196779	7.55%	0.721%
12	10.710	1442	1448	1465	rBV	1135730	1524675	58.49%	5.583%
13	11.410	1562	1567	1575	rBV2	589045	922875	35.40%	3.379%
14	11.486	1575	1580	1583	rVV	34088	43022	1.65%	0.158%
15	11.639	1601	1606	1614	rBV2	16191	32656	1.25%	0.120%
16	11.933	1648	1656	1662	rBV2	143042	266078	10.21%	0.974%
17	12.022	1668	1671	1679	rVB2	55587	107998	4.14%	0.395%
18	12.210	1698	1703	1704	rBV	25996	32580	1.25%	0.119%
19	12.463	1742	1746	1749	rBV	29682	37625	1.44%	0.138%
20	12.545	1757	1760	1766	rVB2	33412	47664	1.83%	0.175%
21	12.622	1768	1773	1779	rBV	481564	644202	24.71%	2.359%
22	12.722	1786	1790	1793	rBV	38023	49866	1.91%	0.183%
23	12.851	1803	1812	1818	rBV	448815	700609	26.88%	2.565%
24	12.904	1818	1821	1826	rVB2	26358	38467	1.48%	0.141%
25	12.998	1829	1837	1844	rVB	2023524	2606685	100.00%	9.544%
26	13.074	1844	1850	1857	rBV5	52002	113929	4.37%	0.417%
27	13.180	1861	1868	1872	rVB2	66389	131182	5.03%	0.480%
28	13.251	1876	1880	1882	rBV2	33730	41460	1.59%	0.152%
29	13.286	1882	1886	1890	rVV	53139	64179	2.46%	0.235%
30	13.380	1899	1902	1904	rBV2	24861	28823	1.11%	0.106%
31	13.410	1904	1907	1911	rVB3	26052	30090	1.15%	0.110%
32	13.480	1913	1919	1929	rBV	753506	1086298	41.67%	3.977%
33	13.686	1950	1954	1960	rBV	65128	89576	3.44%	0.328%
34	13.804	1969	1974	1976	rBV2	63815	105464	4.05%	0.386%
35	13.833	1976	1979	1981	rVV	27025	34496	1.32%	0.126%
36	13.898	1987	1990	1993	rVB2	48016	53223	2.04%	0.195%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.051	2009	2016	2027	rBV2	1103540	2239477	85.91%	8.200%
38	14.163	2032	2035	2037	rBV	26561	29961	1.15%	0.110%
39	14.439	2079	2082	2085	rVV	68434	80238	3.08%	0.294%
40	14.474	2085	2088	2092	rVB3	61320	73882	2.83%	0.271%
41	14.568	2101	2104	2111	rVB4	52038	116837	4.48%	0.428%
42	15.098	2189	2194	2204	rBV	566647	1345791	51.63%	4.928%
43	15.210	2210	2213	2217	rVB	93601	123045	4.72%	0.451%
44	15.404	2242	2246	2252	rVB	294659	465600	17.86%	1.705%
45	15.468	2252	2257	2262	rVV	382758	568877	21.82%	2.083%
46	15.533	2262	2268	2281	rVB	883874	1591697	61.06%	5.828%
47	17.015	2514	2520	2529	rVB2	175269	402160	15.43%	1.473%
48	17.468	2590	2597	2615	rVB	130345	333641	12.80%	1.222%

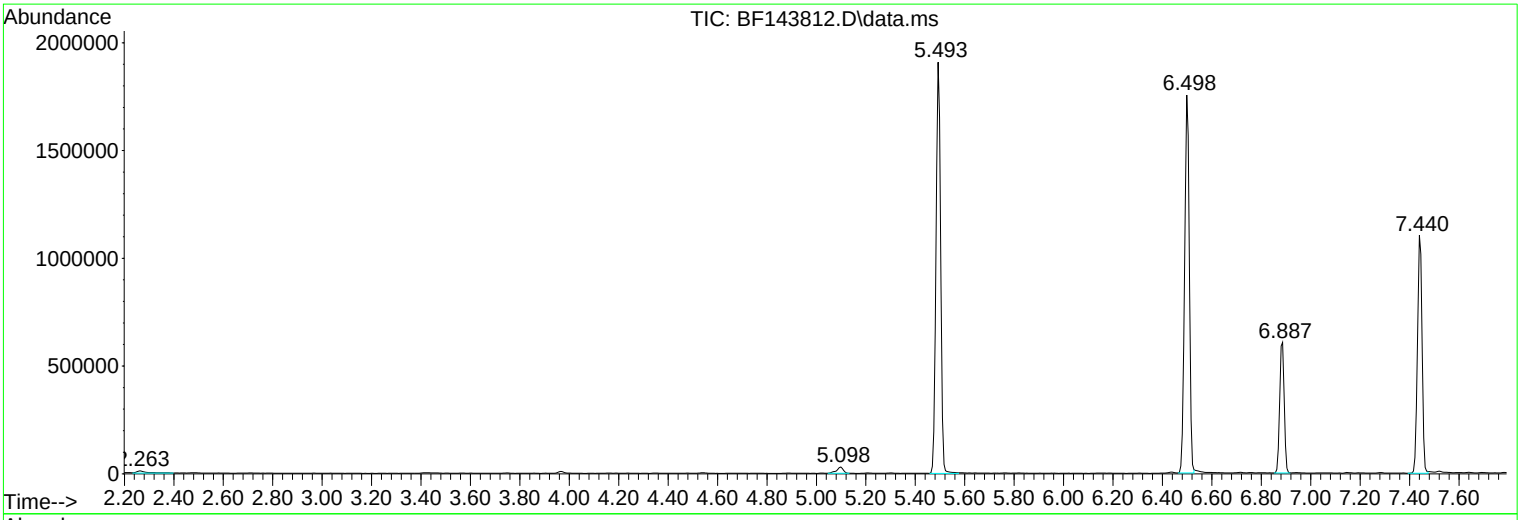
Sum of corrected areas: 27311165

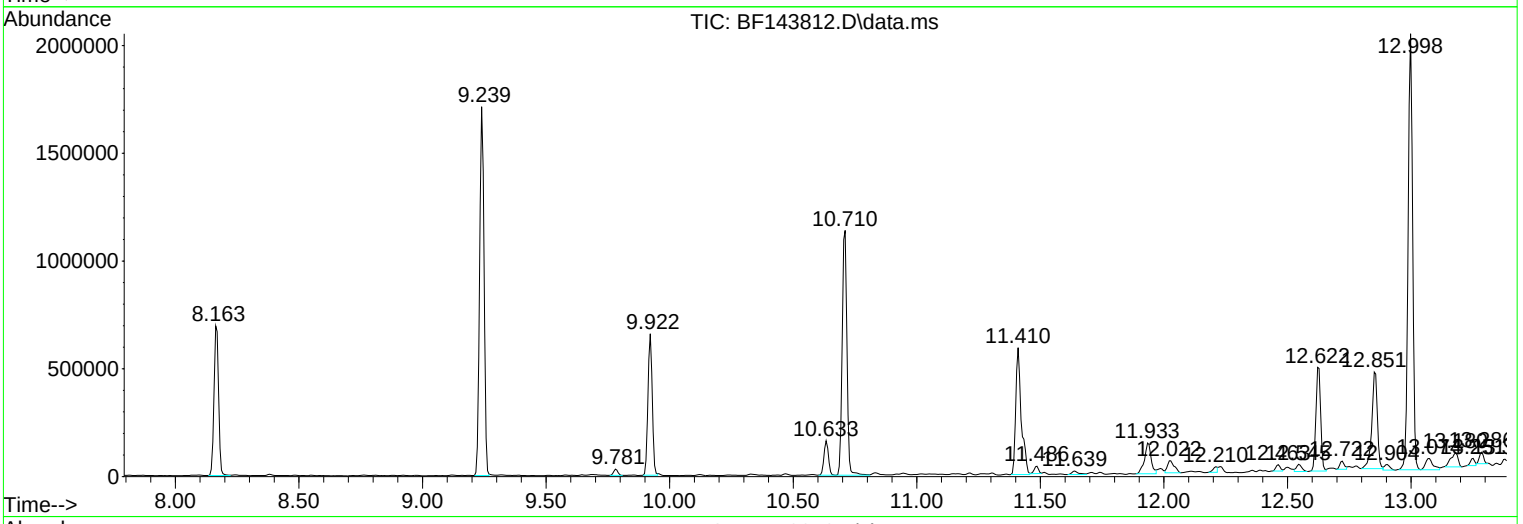
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

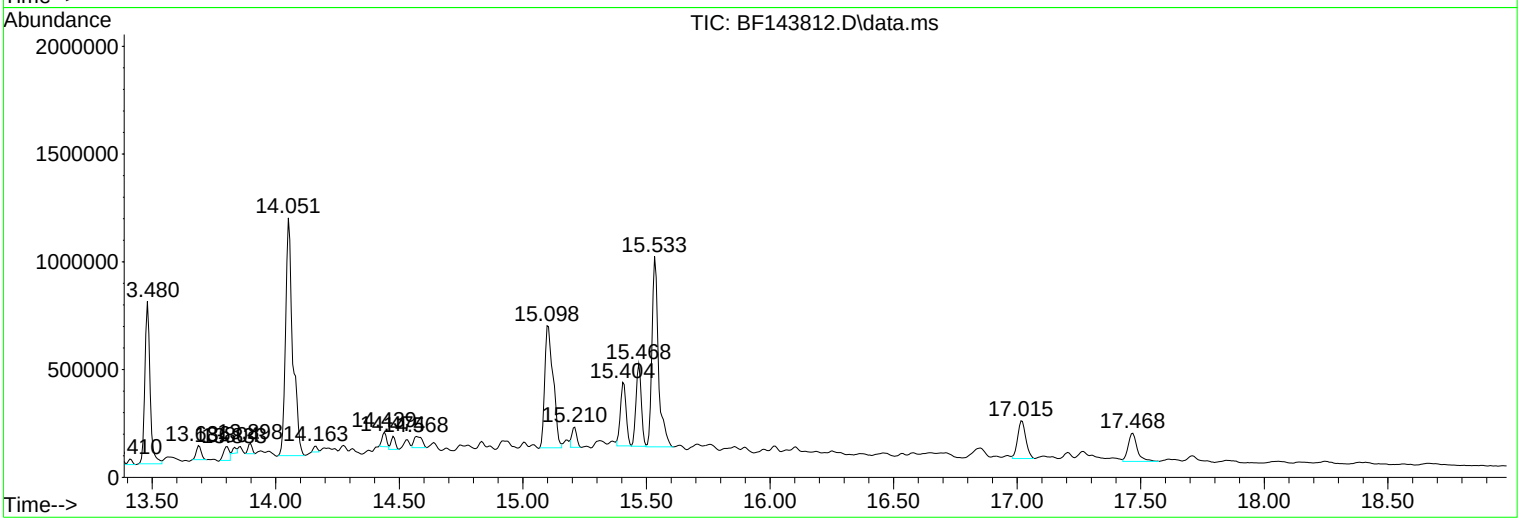
Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

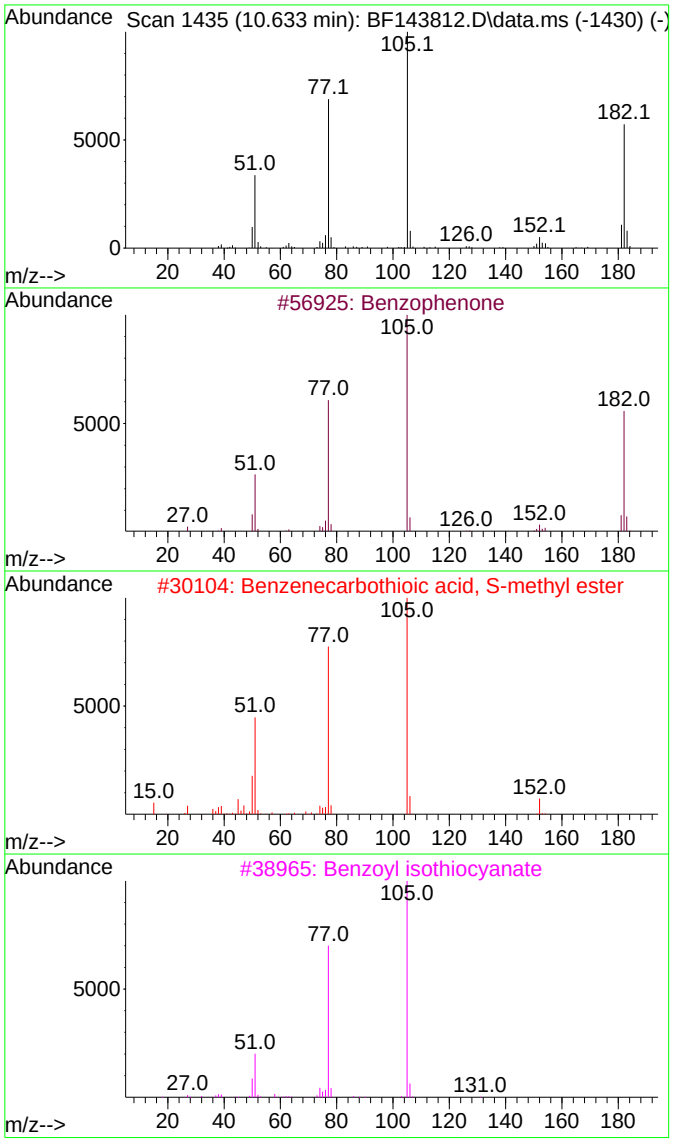
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

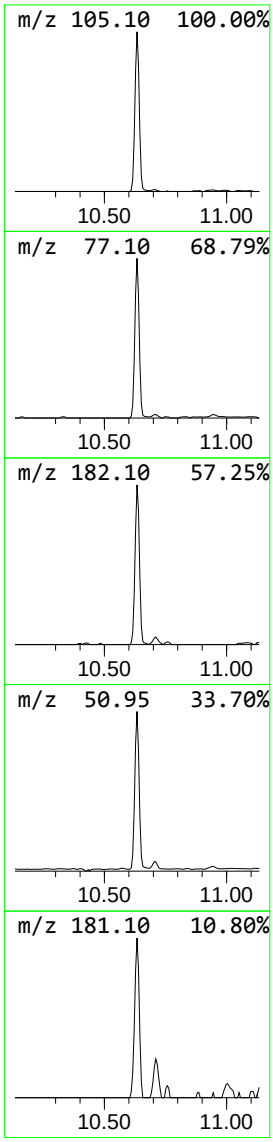
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	4.90 ng	196779	Acenaphthene-d10	9.922

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	50
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

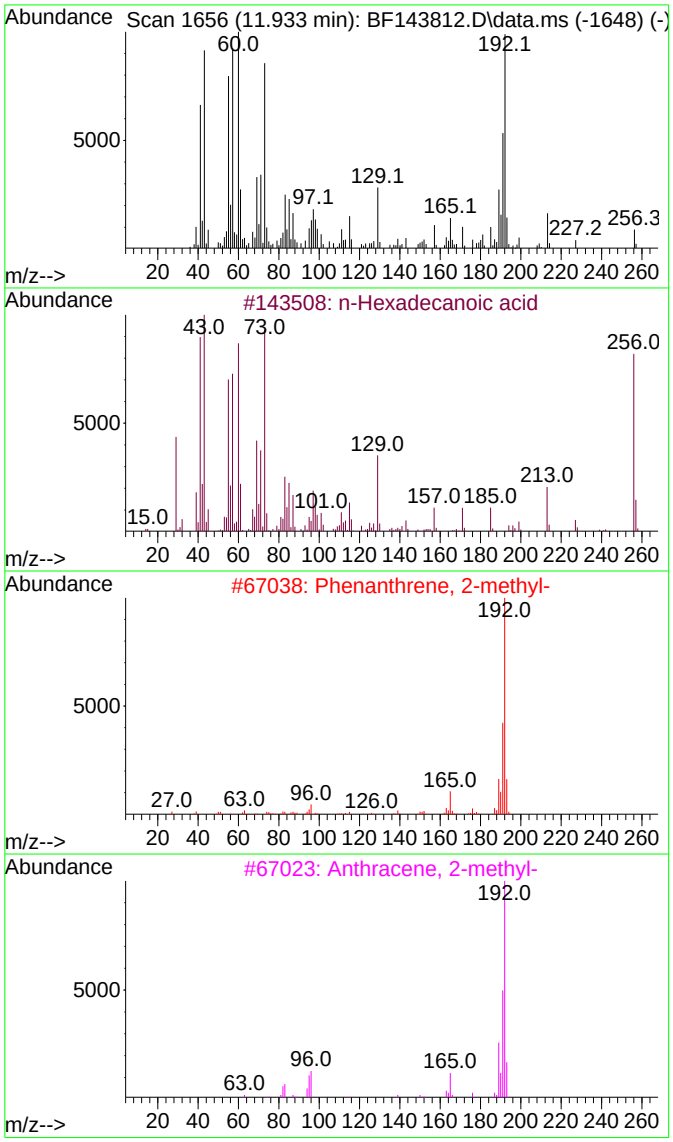
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

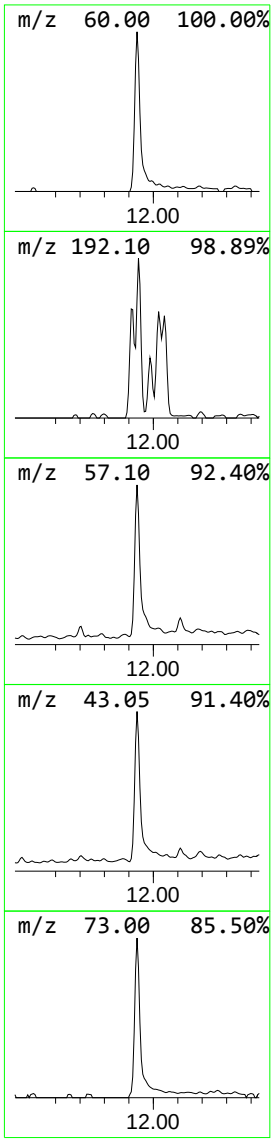
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.77 ng	266078	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

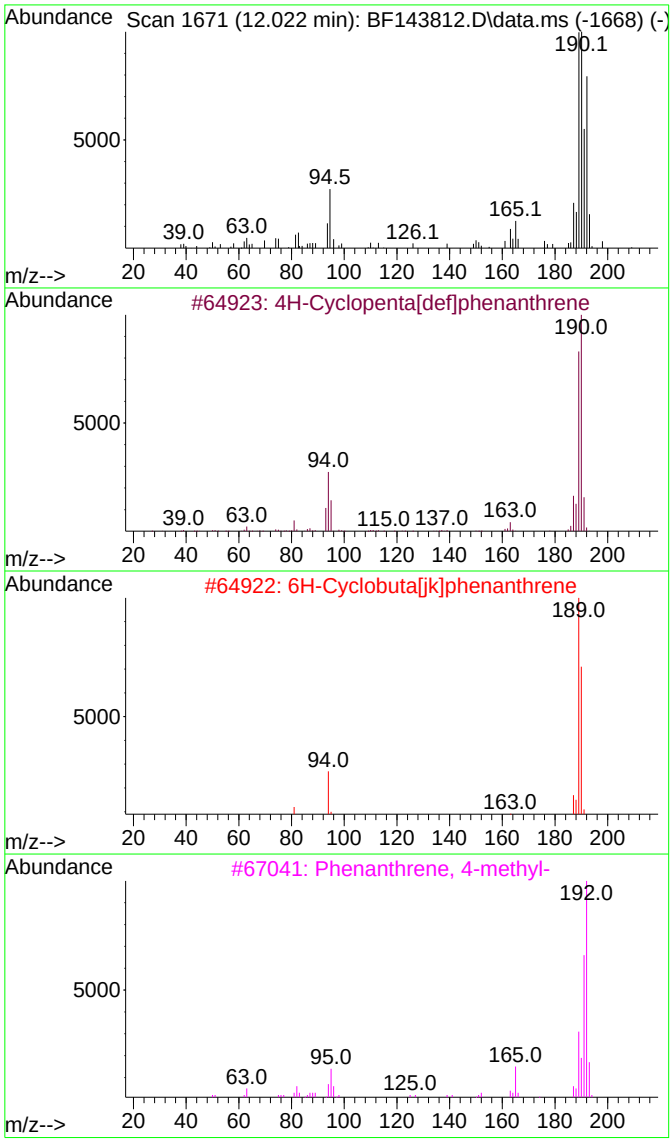
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

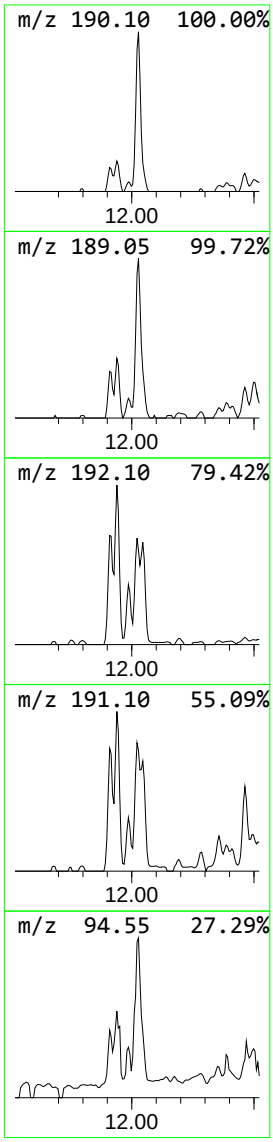
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.34 ng	107998	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

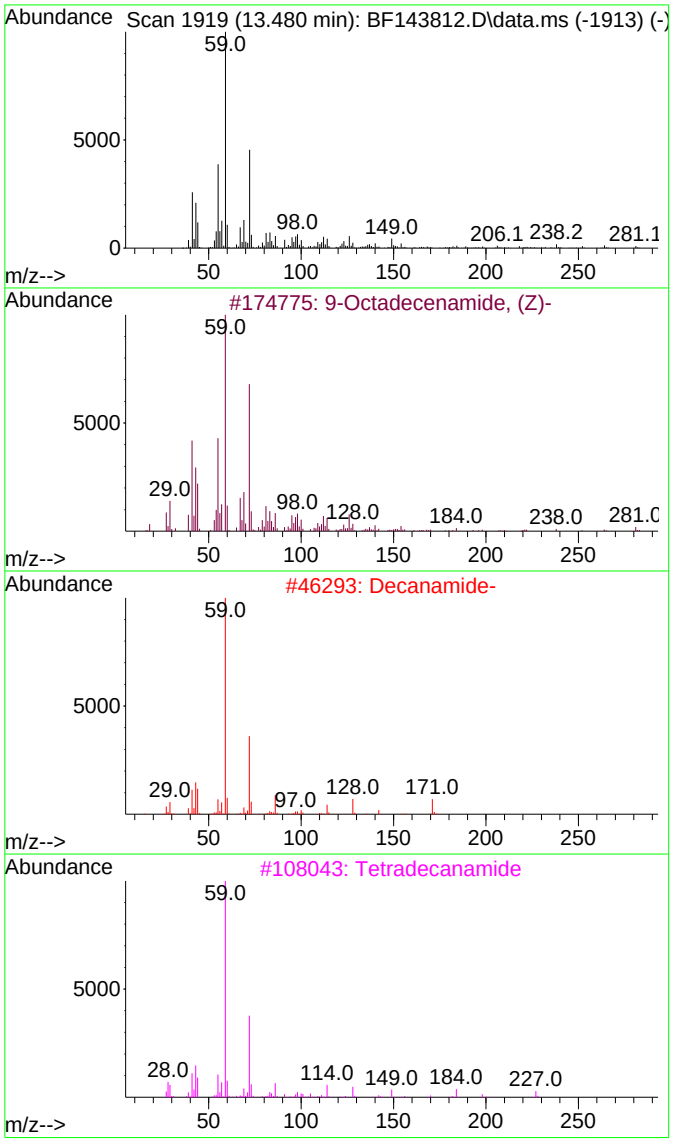
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

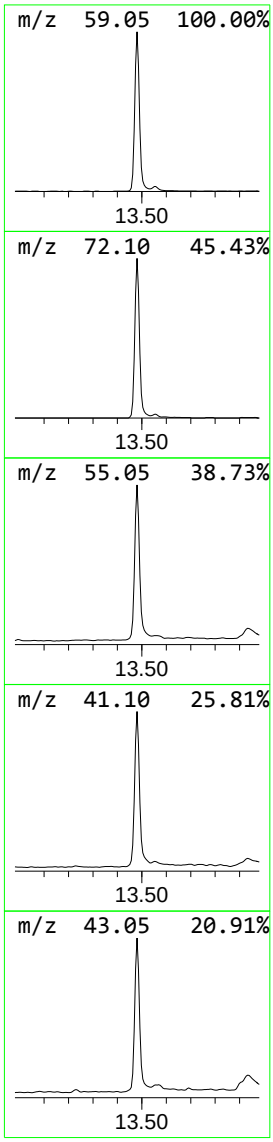
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	9.70 ng	1086300	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	Pentanamide	101	C5H11NO	000626-97-1	64
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

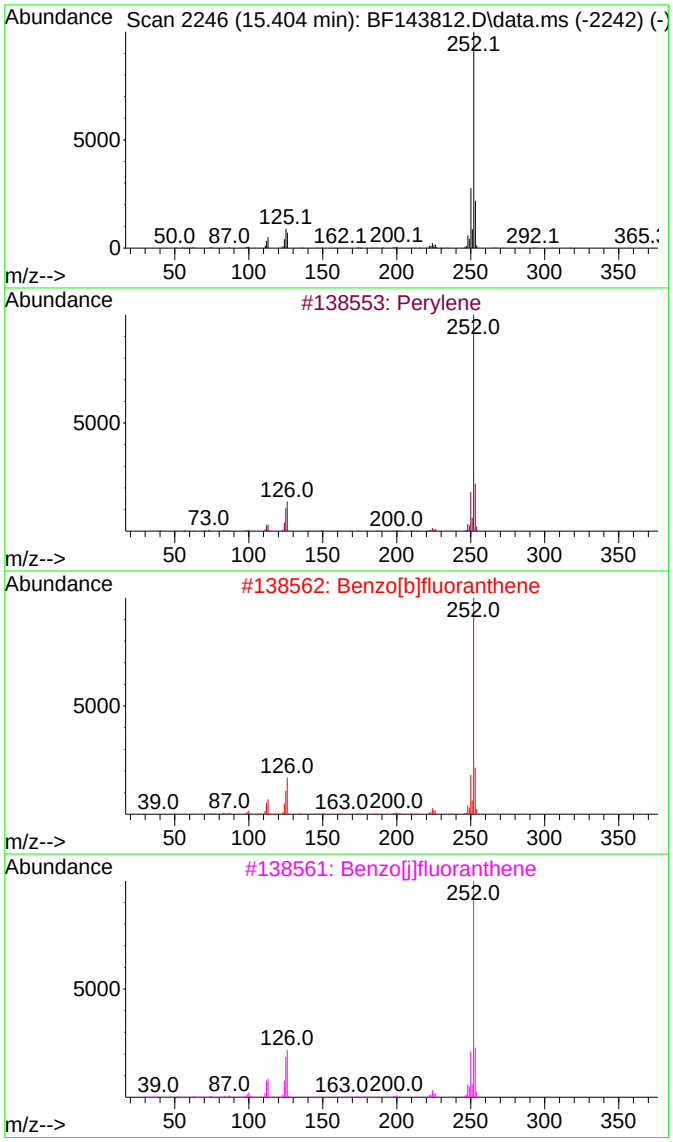
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

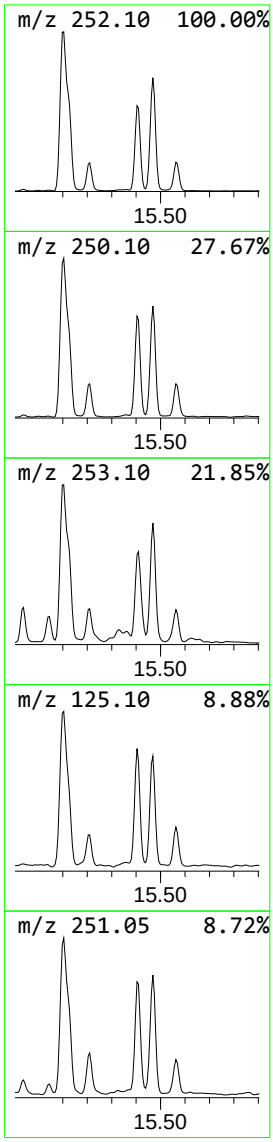
****

Peak Number 5 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	5.85 ng	465600	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143812.D
Acq On : 25 Sep 2025 19:21
Operator : RC/JU
Sample : Q3183-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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	10.633	4.9	ng	196779	3	9.922	802420	20.0
n-Hexadecanoic ...	11.933	5.8	ng	266078	4	11.410	922875	20.0
4H-Cyclopenta[d...	12.022	2.3	ng	107998	4	11.410	922875	20.0
9-Octadecenamid...	13.480	9.7	ng	1086300	5	14.057	2239480	20.0
Perylene	15.404	5.8	ng	465600	6	15.533	1591700	20.0