LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136300.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	499	503	509	rVB	27960	34274	1.63%	0.167%
2	5.440	565	570	573	rBV	2477542	2108920	100.00%	10.277%
3	6.440	734	740	743	rBV	2062021	1965249	93.19%	9.577%
4	6.804	798	802	805	rBV	978930	711779	33.75%	3.469%
5	7.363	892	897	900	rBV	1548107	1225991	58.13%	5.975%
6	8.081	1015	1019	1022	rBV	1080109	821447	38.95%	4.003%
7	9.157	1198	1202	1205	rBV	2696527	2093127	99.25%	10.200%
8	9.839	1314	1318	1321	rBV	888145	732329	34.73%	3.569%
9	10.628	1448	1452	1455	rBV	1272332	1015815	48.17%	4.950%
10	10.751	1470	1473	1477	rVB2	22609	27276	1.29%	0.133%
11	11.328	1567	1571	1573	rBV	891221	698860	33.14%	3.406%
12	11.351	1573	1575	1579	rVV	192875	153196	7.26%	0.747%
13	11.404	1579	1584	1587	rVB	38680	40595	1.92%	0.198%
14	11.557	1604	1610	1613	rBV2	18410	26420	1.25%	0.129%
15	11.833	1653	1657	1659	rBV	51360	48883	2.32%	0.238%
16	11.863	1659	1662	1667	rVV2	245287	272124	12.90%	1.326%
17	11.904	1667	1669	1672	rVV2	32211	39320	1.86%	0.192%
18	11.939	1672	1675	1678	rVV	75170	91762	4.35%	0.447%
19	11.963	1678	1679	1686	rVB	38845	34585	1.64%	0.169%
20	12.133	1701	1708	1709	rBV3	33041	40502	1.92%	0.197%
21	12.151	1709	1711	1715	rVB3	47549	48923	2.32%	0.238%
22	12.386	1745	1751	1754	rBV	83217	87837	4.17%	0.428%
23	12.422	1754	1757	1762	rVV2	40055	72600	3.44%	0.354%
24	12.469	1762	1765	1770	rVB2	50852	51585	2.45%	0.251%
25	12.545	1774	1778	1782	rBV	560504	482909	22.90%	2.353%
26	12.592	1784	1786	1792	rVB6	23724	29849	1.42%	0.145%
27	12.657	1794	1797	1802	rBV5	50480	58851	2.79%	0.287%
28	12.775	1812	1817	1820	rBV	634494	594107	28.17%	2.895%
29	12.833	1824	1827	1831	rVB3	44444	58423	2.77%	0.285%
30	12.898	1835	1838	1839	rBV2	25907	28160	1.34%	0.137%
31	12.927	1839	1843	1846	rVV	2475640	2066973	98.01%	10.073%
32	12.998	1850	1855	1858	rBV3	70183	98891	4.69%	0.482%
33	13.086	1867	1870	1871	rBV3	50252	56735	2.69%	0.276%
34	13.104	1871	1873	1877	rVB	72577	72390	3.43%	0.353%
35	13.169	1877	1884	1887	rBV4	56408	89599	4.25%	0.437%
36	13.210	1887	1891	1894	rBV2	104329	101558	4.82%	0.495%

LSC Area Percent Report

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Instrument :
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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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.304	1904	1907	1910	rVB	96125	73774	3.50%	0.360%
38	13.333	1910	1912	1916	rVB	84172	66791	3.17%	0.325%
39	13.510	1939	1942	1944	rBV	40262	34225	1.62%	0.167%
40	13.616	1957	1960	1965	rVB	75223	83191	3.94%	0.405%
41	13.727	1974	1979	1982	rBV3	93374	133027	6.31%	0.648%
42	13.757	1982	1984	1986	rVV	50674	34665	1.64%	0.169%
43	13.780	1986	1988	1992	rBV2	38880	36477	1.73%	0.178%
44	13.827	1993	1996	1997	rBV	42034	37433	1.77%	0.182%
45	13.869	2000	2003	2007	rBV3	57359	98968	4.69%	0.482%
46	13.980	2017	2022	2025	rBV2	917473	1103509	52.33%	5.378%
47	14.010	2025	2027	2033	rVB	315011	287977	13.66%	1.403%
48	14.069	2034	2037	2038	rBV	36629	32121	1.52%	0.157%
49	14.086	2038	2040	2043	rVB	45421	36655	1.74%	0.179%
50	14.163	2051	2053	2057	rVB2	55978	53227	2.52%	0.259%
51	14.239	2064	2066	2069	rVB2	35444	27006	1.28%	0.132%
52	14.374	2084	2089	2092	rBV	78274	93773	4.45%	0.457%
53	14.404	2092	2094	2098	rVB2	65718	60971	2.89%	0.297%
54	14.469	2102	2105	2107	rVB2	73343	66842	3.17%	0.326%
55	14.498	2107	2110	2112	rBV2	36692	35917	1.70%	0.175%
56	14.780	2156	2158	2165	rVB2	56957	81343	3.86%	0.396%
57	14.933	2180	2184	2189	rVB3	99837	109917	5.21%	0.536%
58	15.027	2196	2200	2204	rBV	237840	388139	18.40%	1.891%
59	15.133	2215	2218	2224	rVB3	82071	110887	5.26%	0.540%
60	15.339	2249	2253	2257	rVB	147396	167065	7.92%	0.814%
61	15.398	2259	2263	2269	rVB	176927	214128	10.15%	1.043%
62	15.468	2270	2275	2278	rBV	456348	568921	26.98%	2.772%
63	15.980	2358	2362	2366	rVB2	44464	65723	3.12%	0.320%
64	16.962	2525	2529	2538	rVB3	68982	144176	6.84%	0.703%
65	17.415	2602	2606	2612	rVB3	48198	91687	4.35%	0.447%

Sum of corrected areas: 20520379

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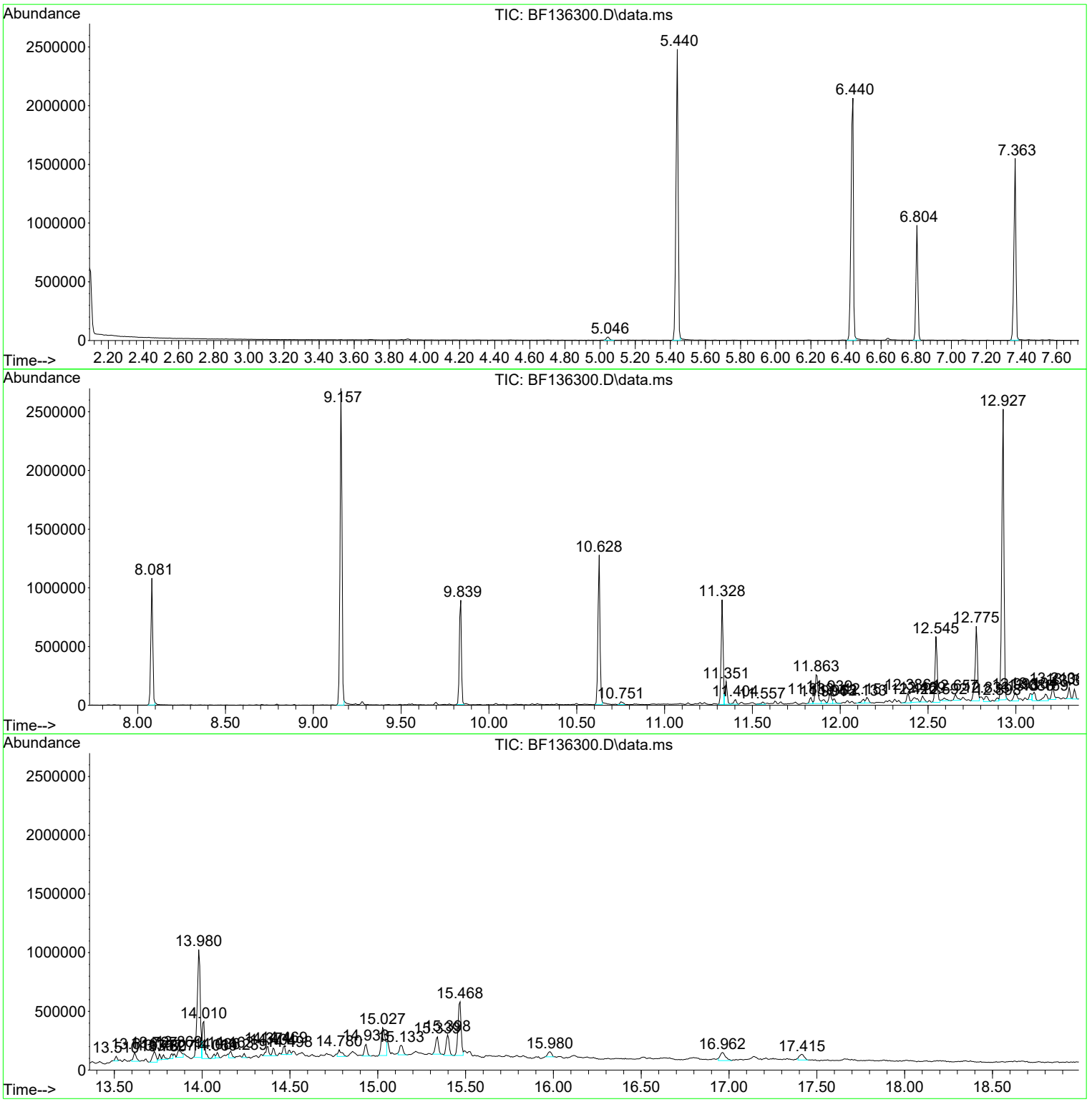
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

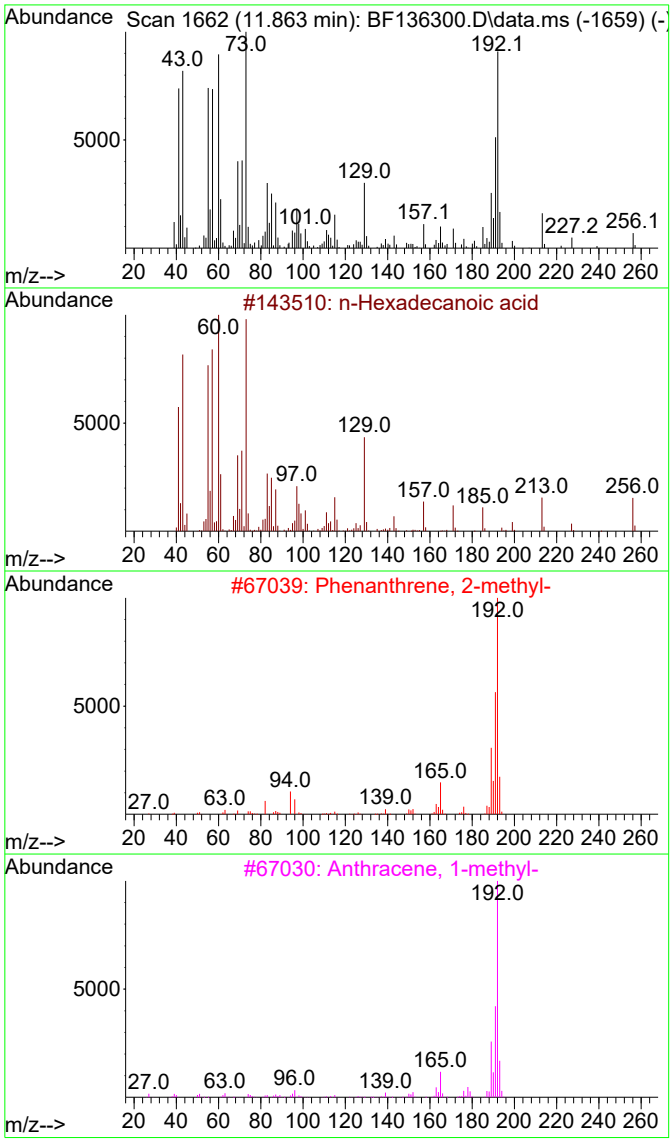
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

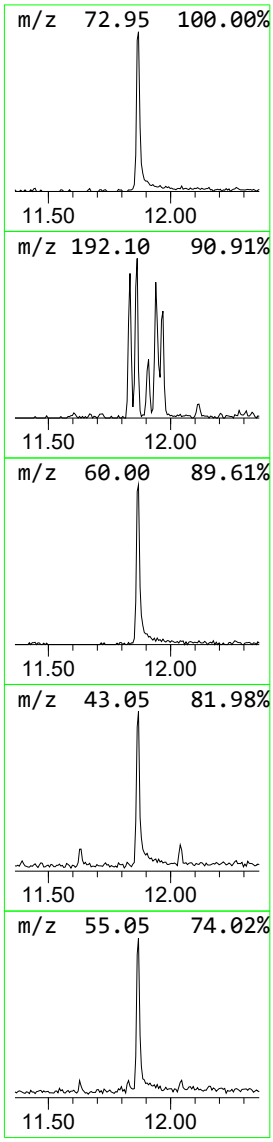
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.79 ng	272124	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

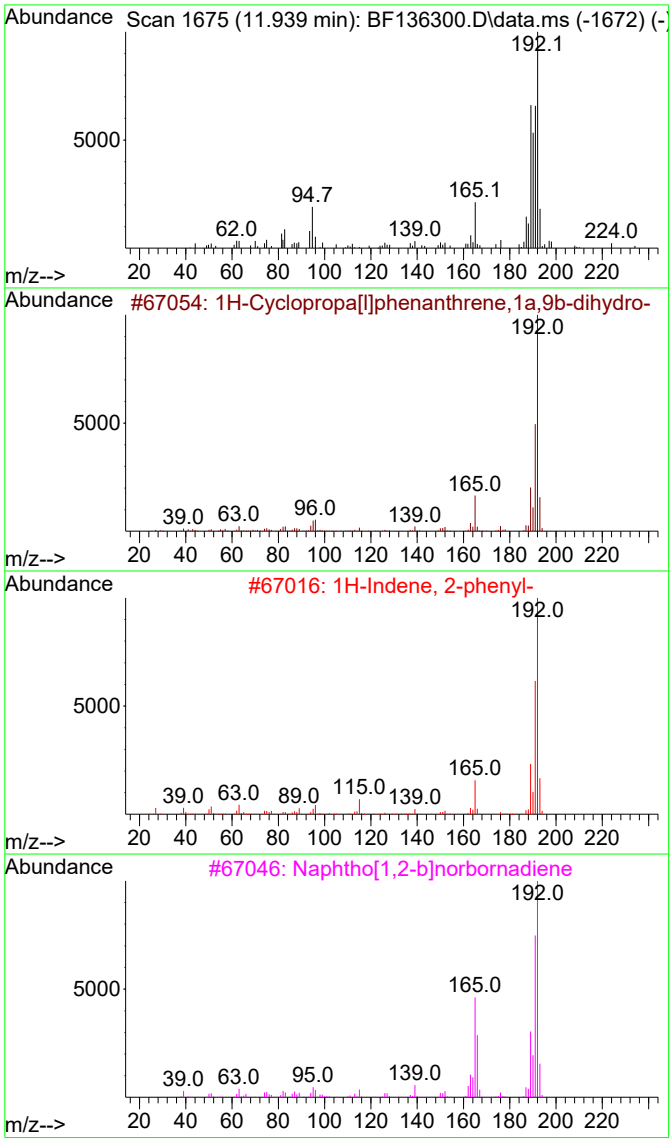
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

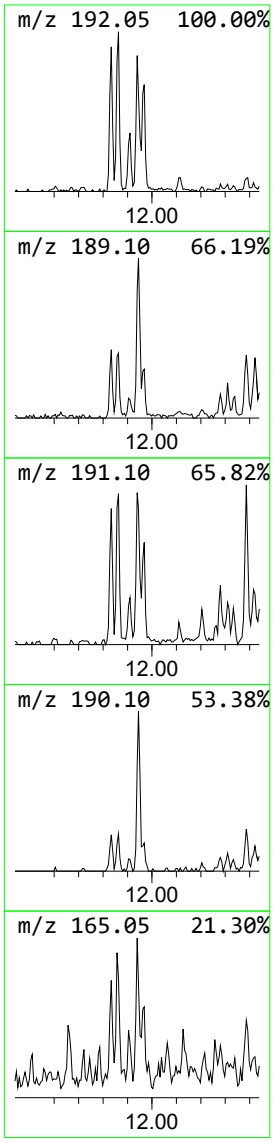
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.63 ng	91762	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	58
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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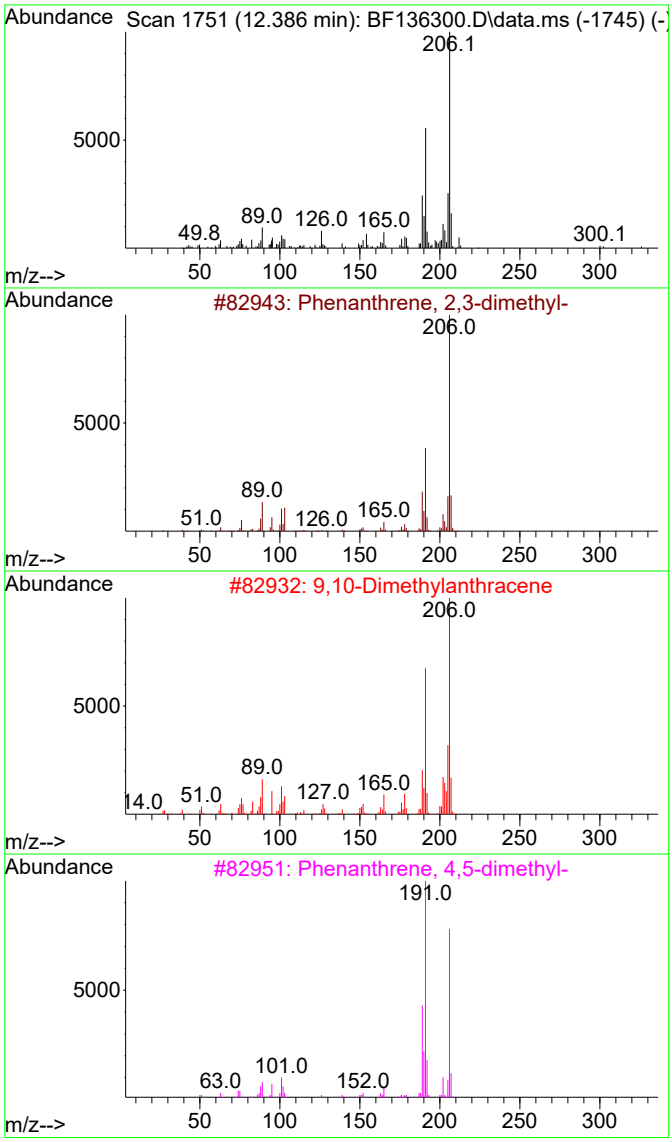
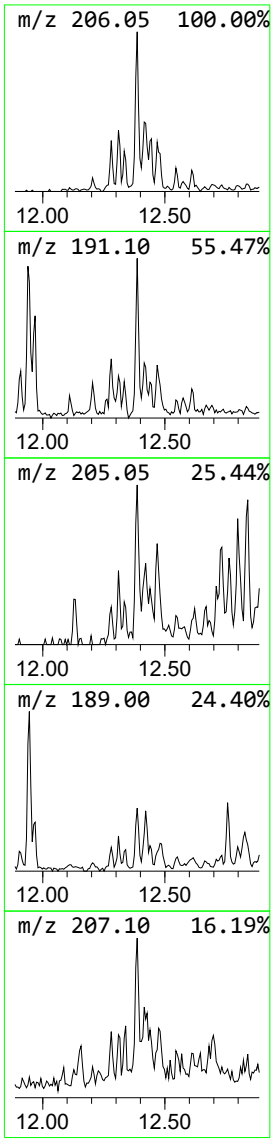
Peak Number 3 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.51 ng	87837	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

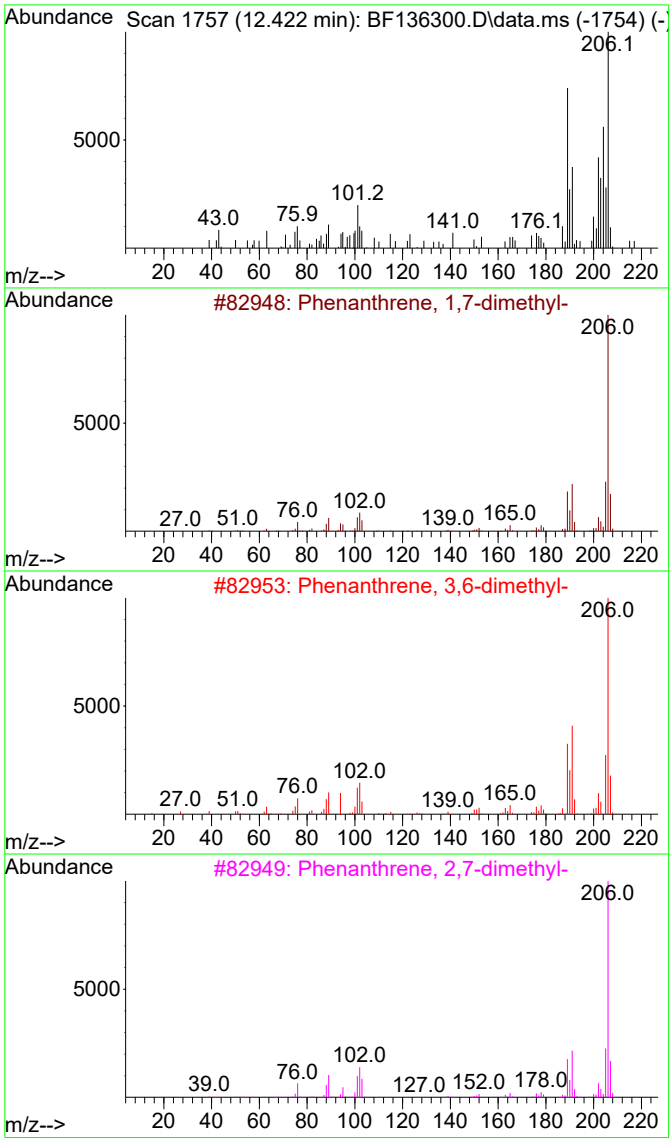
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

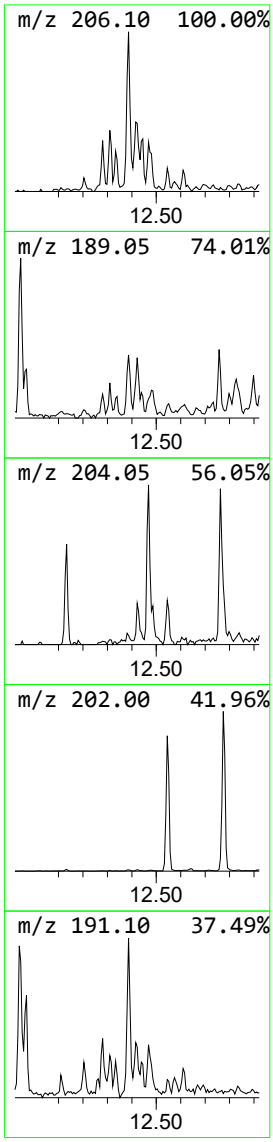
****

Peak Number 4 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	2.08 ng	72600	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	41
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38





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Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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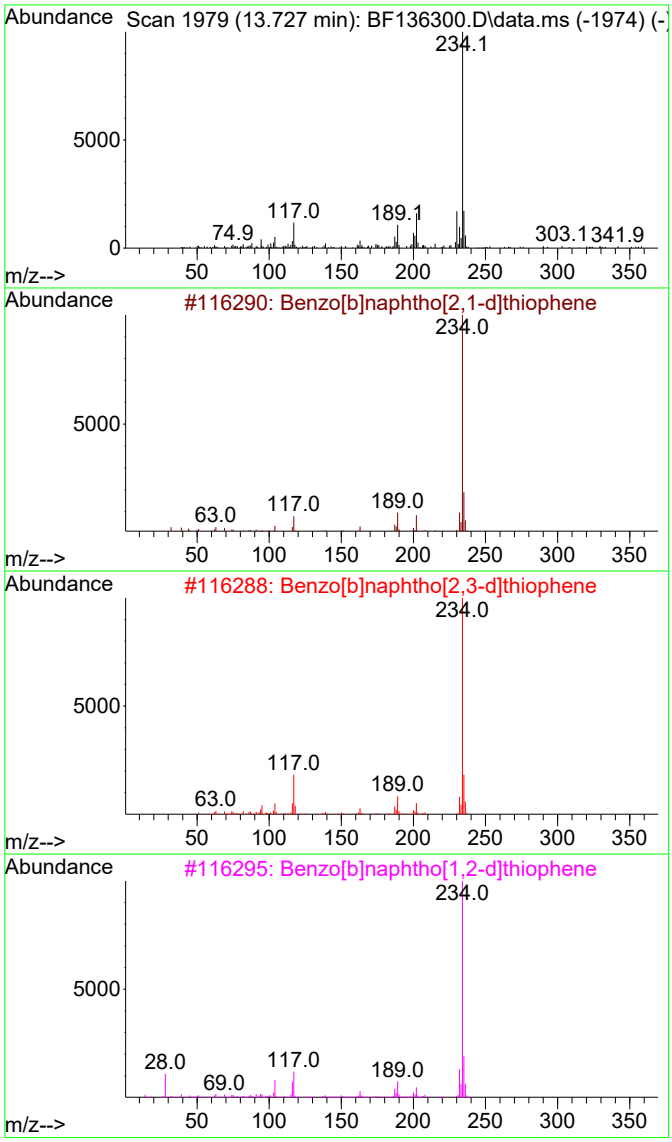
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

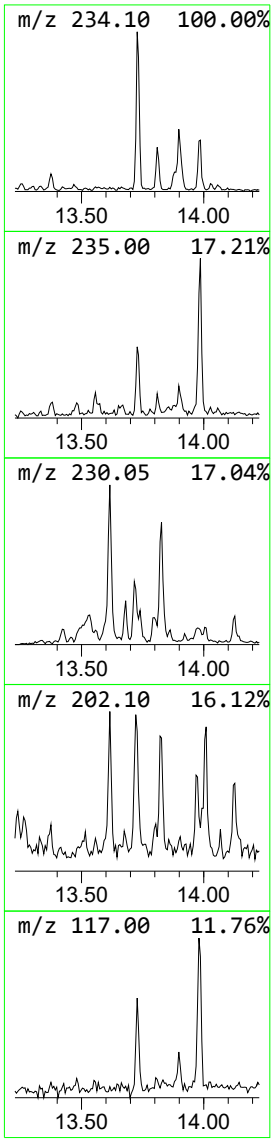
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	2.41 ng	133027	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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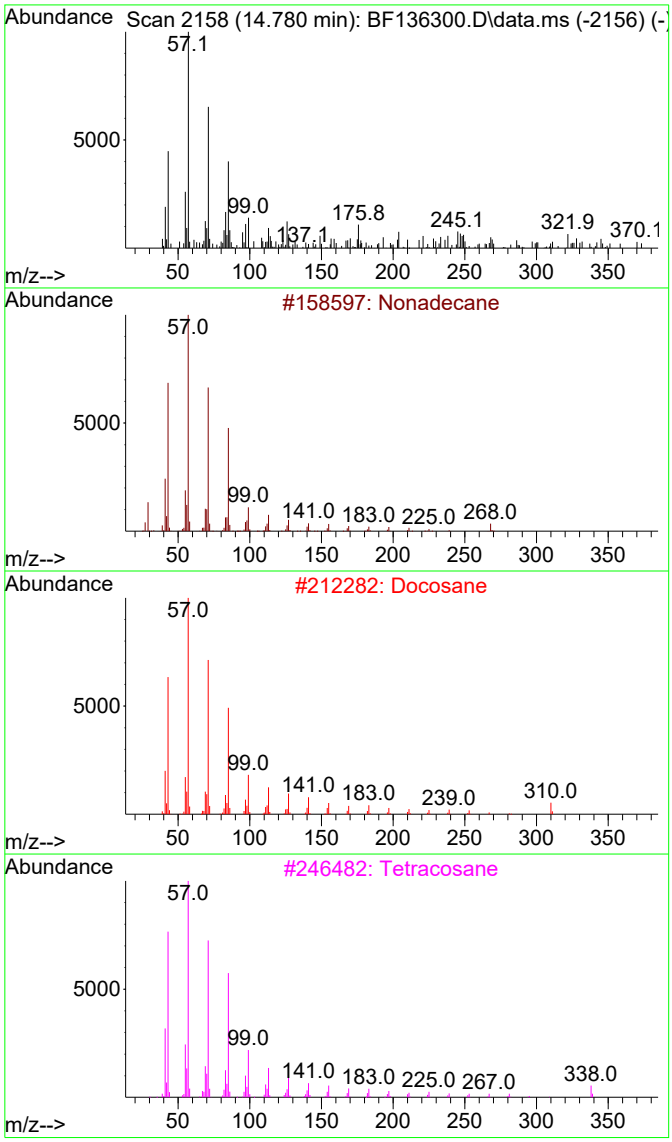
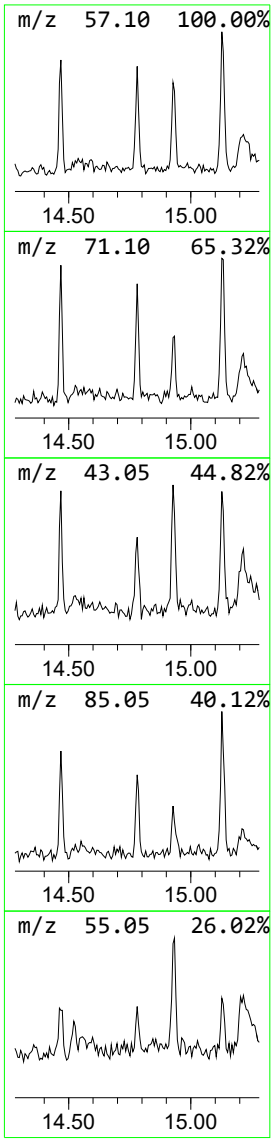
Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	2.86 ng	81343	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Docosane	310	C22H46	000629-97-0	64
3	Tetracosane	338	C24H50	000646-31-1	64
4	4-Methylheneicosane	310	C22H46	025117-29-7	62
5	Heneicosane	296	C21H44	000629-94-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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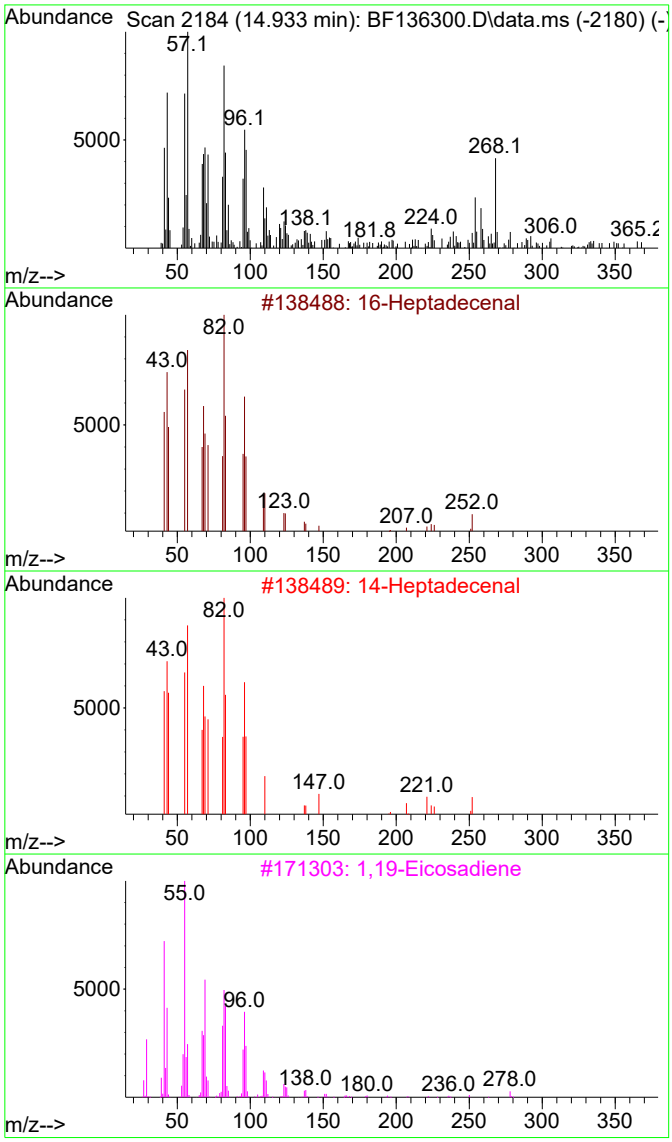
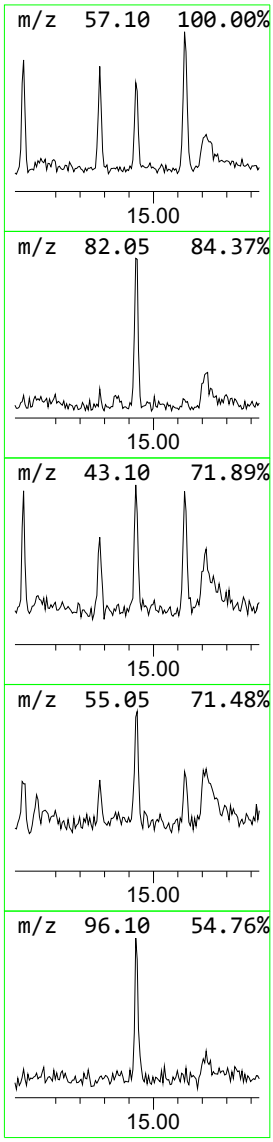
Peak Number 7 16-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	3.86 ng	109917	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1010144-57-9	89
2	14-Heptadecenal	252	C17H32O	1010144-58-0	70
3	1,19-Eicosadiene	278	C20H38	014811-95-1	70
4	Docosanal	324	C22H44O	057402-36-5	62
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	60





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Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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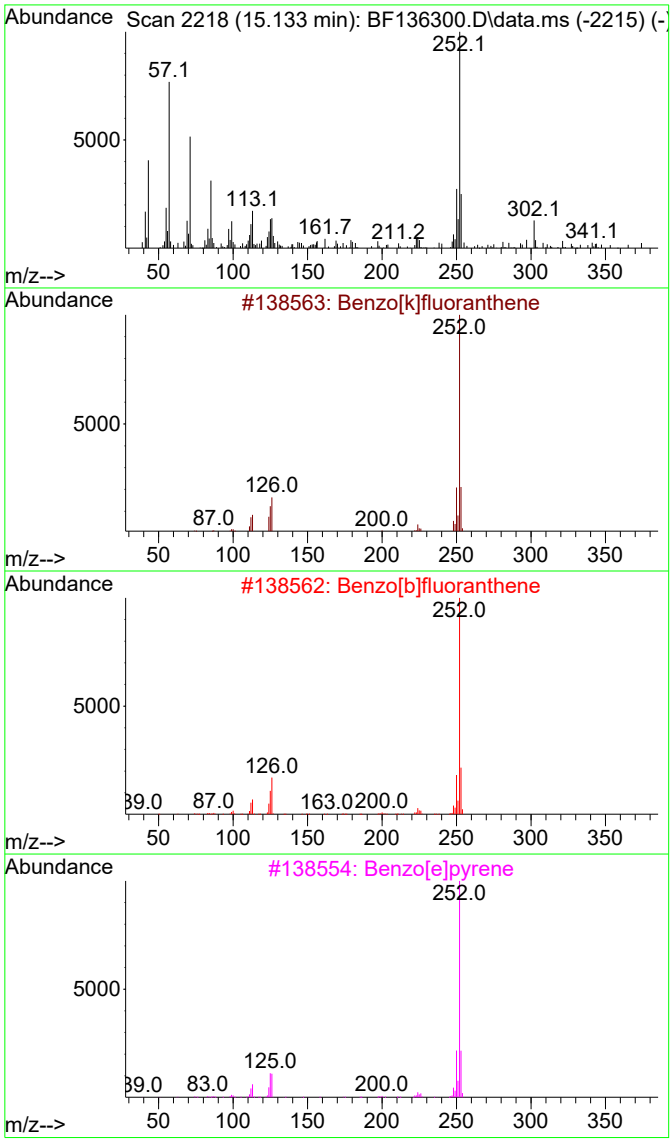
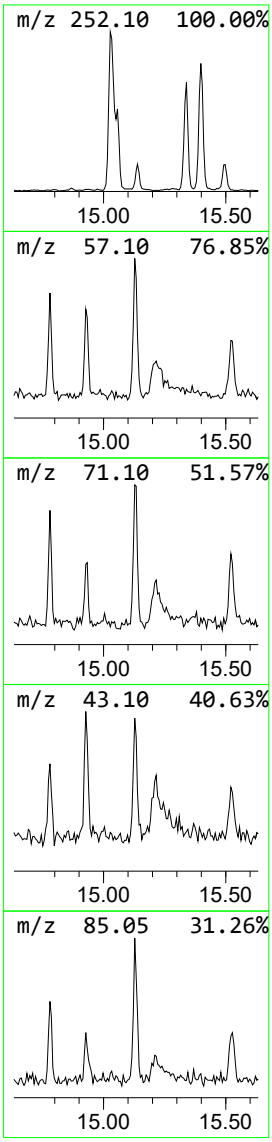
Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	3.90 ng	110887	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	83
3	Benzo[e]pyrene	252	C20H12	000192-97-2	64
4	Benzo[a]pyrene	252	C20H12	000050-32-8	58
5	Perylene	252	C20H12	000198-55-0	50





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Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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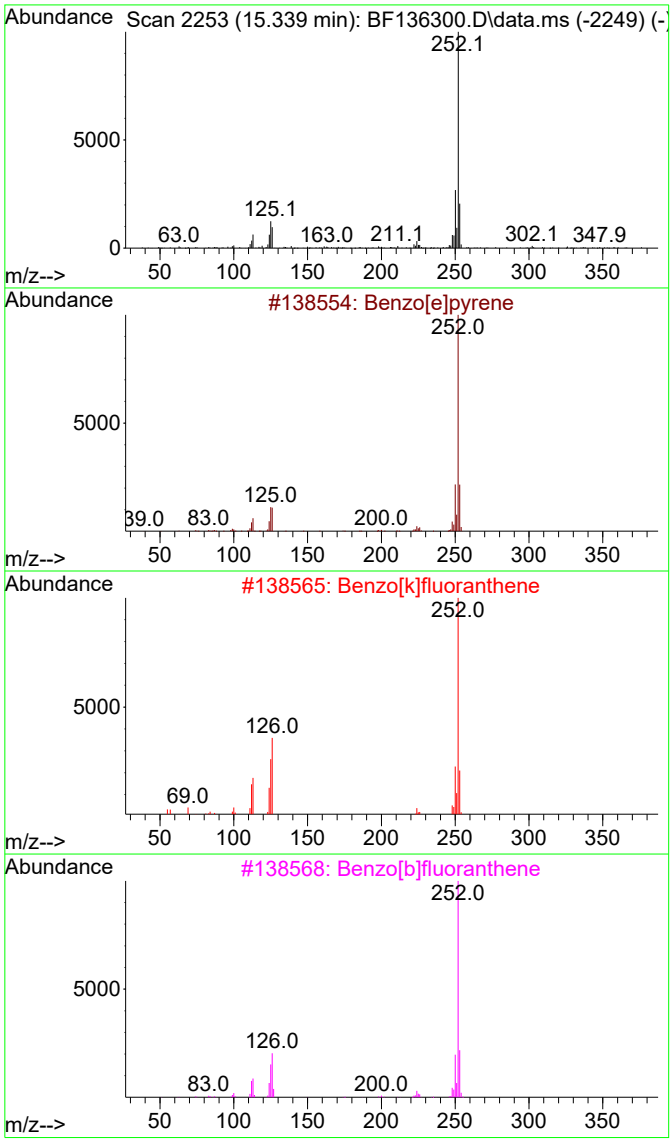
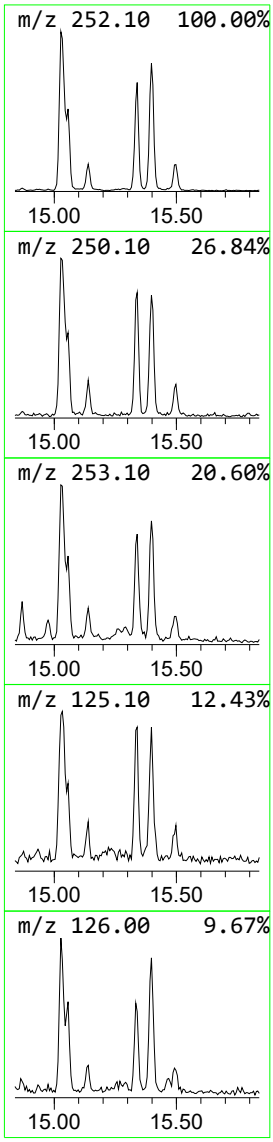
Peak Number 9 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	5.87 ng	167065	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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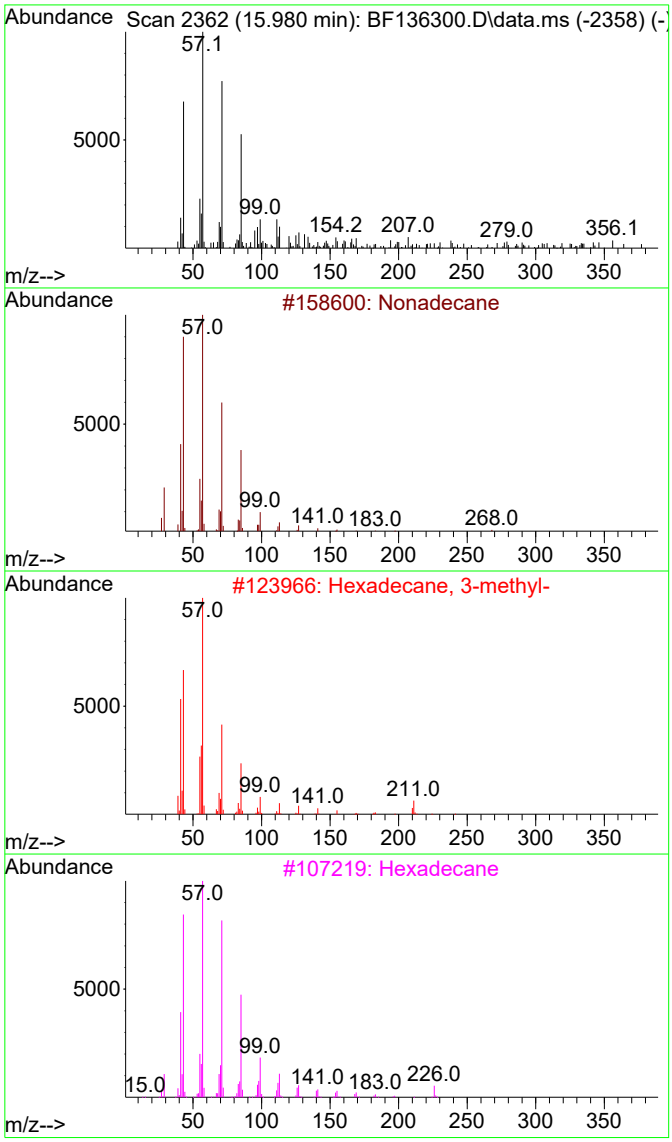
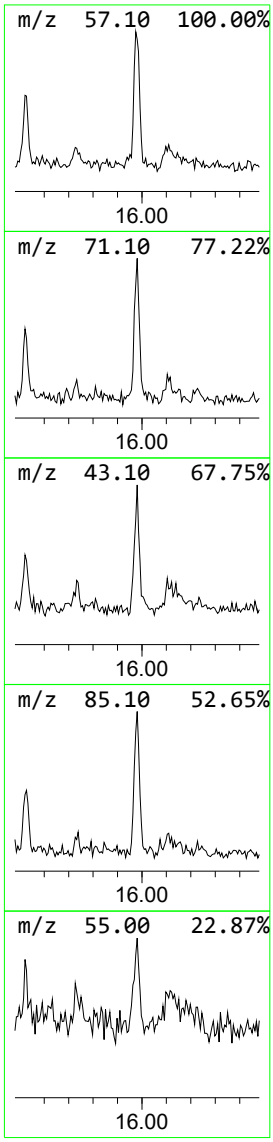
Peak Number 10 Hexadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.31 ng	65723	Perylene-d12	15.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Eicosane	282	C20H42	000112-95-8	80
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136300.D
Acq On : 30 Nov 2023 00:02
Operator : CG\JU
Sample : 05408-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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
n-Hexadecanoic ...	11.863	7.8	ng	272124	4	11.328	698860	20.0
1H-Cyclopropa[l...	11.939	2.6	ng	91762	4	11.328	698860	20.0
Phenanthrene, 2...	12.386	2.5	ng	87837	4	11.328	698860	20.0
Phenanthrene, 1...	12.422	2.1	ng	72600	4	11.328	698860	20.0
Benzo[b]naphtho...	13.727	2.4	ng	133027	5	13.980	1103510	20.0
Nonadecane	14.780	2.9	ng	81343	6	15.469	568921	20.0
16-Heptadecenal	14.933	3.9	ng	109917	6	15.469	568921	20.0
Benzo[e]pyrene	15.133	3.9	ng	110887	6	15.469	568921	20.0
Perylene	15.339	5.9	ng	167065	6	15.469	568921	20.0
Hexadecane, 3-m...	15.980	2.3	ng	65723	6	15.469	568921	20.0