LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	471	474	485	rBV	14351	23602	1.21%	0.134%
2	5.463	537	540	564	rBV	1635832	1722740	88.11%	9.811%
3	6.475	709	712	733	rBV	1772340	1829487	93.57%	10.419%
4	6.833	770	773	782	rBV	626541	517844	26.48%	2.949%
5	7.398	866	869	881	rBV	1249882	1204789	61.62%	6.861%
6	8.116	987	991	1005	rBV	717636	673228	34.43%	3.834%
7	9.186	1169	1173	1181	rBV	2168181	1955300	100.00%	11.135%
8	9.251	1181	1184	1189	rVB	27634	33935	1.74%	0.193%
9	9.869	1286	1289	1294	rBV	842731	701211	35.86%	3.993%
10	10.663	1421	1424	1438	rBV	1150731	1146049	58.61%	6.527%
11	11.363	1540	1543	1546	rBV	851946	725617	37.11%	4.132%
12	11.386	1546	1547	1552	rVV	245456	182508	9.33%	1.039%
13	11.445	1554	1557	1561	rVB	27813	25240	1.29%	0.144%
14	11.610	1582	1585	1588	rBV2	25296	28389	1.45%	0.162%
15	11.880	1625	1631	1632	rBV2	74416	101101	5.17%	0.576%
16	11.898	1632	1634	1640	rVB2	75248	84062	4.30%	0.479%
17	11.980	1645	1648	1650	rVV2	57616	61535	3.15%	0.350%
18	12.004	1650	1652	1655	rVB	40697	31822	1.63%	0.181%
19	12.163	1676	1679	1683	rBV	32841	30654	1.57%	0.175%
20	12.204	1683	1686	1690	rBV	37268	37848	1.94%	0.216%
21	12.415	1719	1722	1725	rBV	43752	44974	2.30%	0.256%
22	12.521	1738	1740	1747	rVB	26031	27357	1.40%	0.156%
23	12.580	1747	1750	1755	rBV	455174	397788	20.34%	2.265%
24	12.733	1773	1776	1779	rBV3	25717	31805	1.63%	0.181%
25	12.810	1784	1789	1795	rVV	383098	444614	22.74%	2.532%
26	12.863	1795	1798	1801	rVB	31728	30952	1.58%	0.176%
27	12.945	1808	1812	1816	rBV	2151923	1841637	94.19%	10.488%
28	13.039	1822	1828	1833	rVB5	33390	61177	3.13%	0.348%
29	13.139	1838	1845	1851	rBV3	41957	93950	4.80%	0.535%
30	13.251	1859	1864	1870	rVB3	47347	73253	3.75%	0.417%
31	13.339	1876	1879	1882	rBV	33878	32174	1.65%	0.183%
32	13.374	1882	1885	1889	rVV2	31906	33510	1.71%	0.191%
33	13.662	1930	1934	1940	rVB	43009	54348	2.78%	0.310%
34	13.768	1950	1952	1954	rBV2	44081	43655	2.23%	0.249%
35	13.786	1954	1955	1958	rVB	44412	32486	1.66%	0.185%
36	13.845	1958	1965	1967	rBV5	103122	194489	9.95%	1.108%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.874	1968	1970	1976	rVB2	95890	120007	6.14%	0.683%
38	13.968	1983	1986	1988	rVB	67892	53325	2.73%	0.304%
39	14.015	1989	1994	1997	rVV2	760865	870885	44.54%	4.960%
40	14.039	1997	1998	2004	rVB	206385	177324	9.07%	1.010%
41	14.186	2020	2023	2028	rBV4	19128	27808	1.42%	0.158%
42	14.404	2056	2060	2064	rBV	48826	55841	2.86%	0.318%
43	14.445	2064	2067	2069	rBV2	32139	35486	1.81%	0.202%
44	14.751	2115	2119	2124	rVB6	26397	43086	2.20%	0.245%
45	14.827	2129	2132	2137	rVB2	50003	56035	2.87%	0.319%
46	14.904	2141	2145	2151	rVB5	39017	56326	2.88%	0.321%
47	15.068	2169	2173	2175	rBV	160682	227839	11.65%	1.298%
48	15.180	2189	2192	2200	rVB	29465	39902	2.04%	0.227%
49	15.374	2221	2225	2231	rVB	100579	120723	6.17%	0.688%
50	15.439	2233	2236	2242	rBV	128394	177290	9.07%	1.010%
51	15.498	2242	2246	2251	rBV	497767	586311	29.99%	3.339%
52	15.674	2272	2276	2280	rVB6	16428	26856	1.37%	0.153%
53	15.892	2309	2313	2318	rVB2	46617	66785	3.42%	0.380%
54	16.692	2445	2449	2457	rVB9	24635	44411	2.27%	0.253%
55	17.021	2501	2505	2515	rVB	56703	122597	6.27%	0.698%
56	17.480	2579	2583	2593	rBV2	42115	95278	4.87%	0.543%

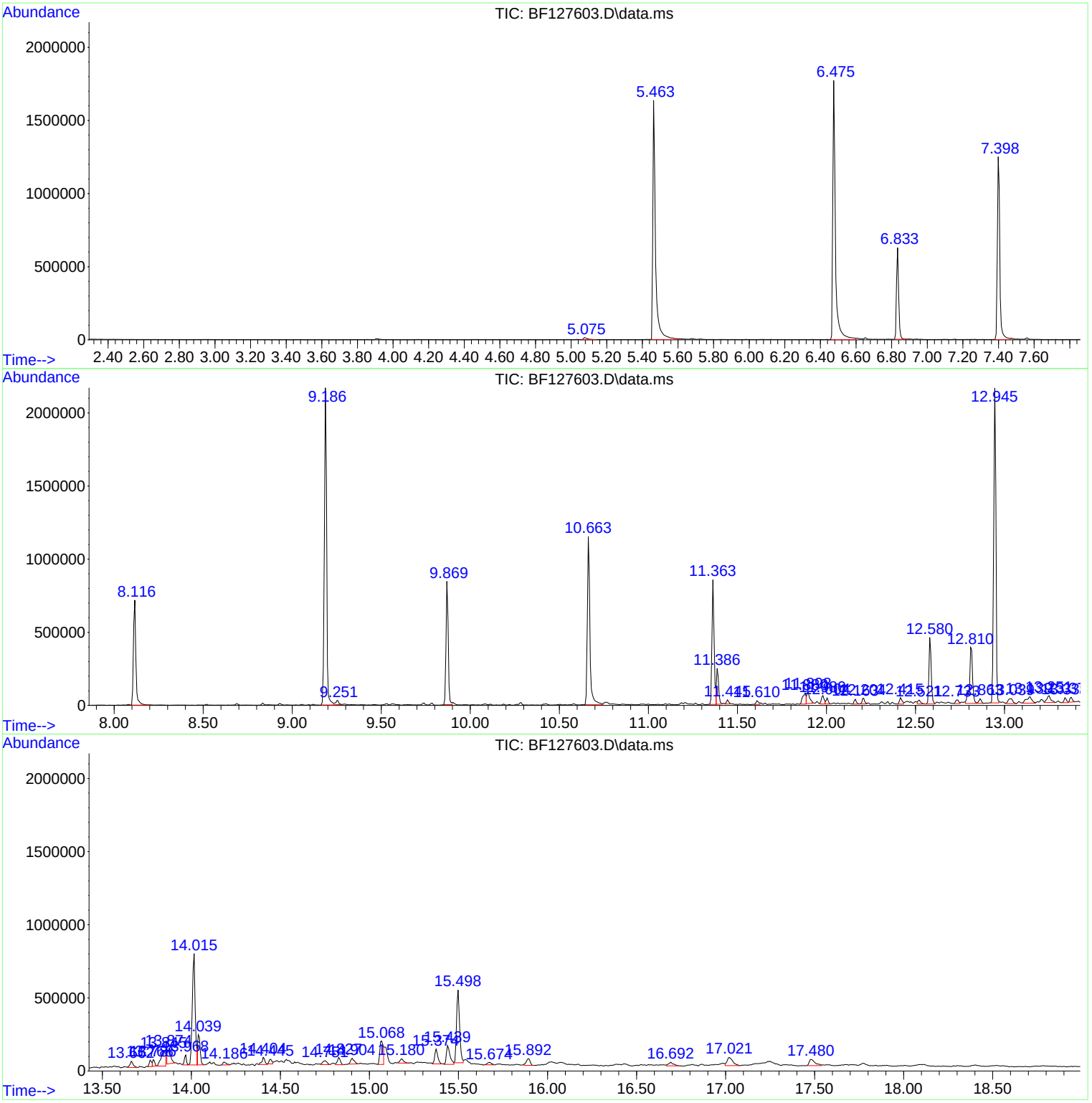
Sum of corrected areas: 17559245

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

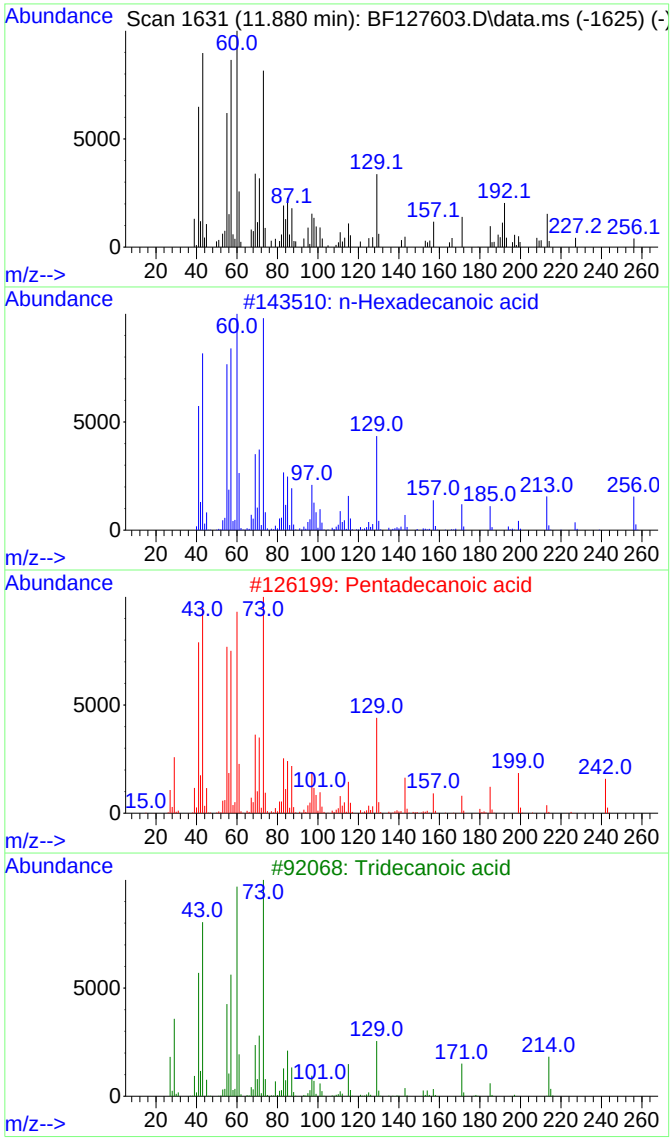
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

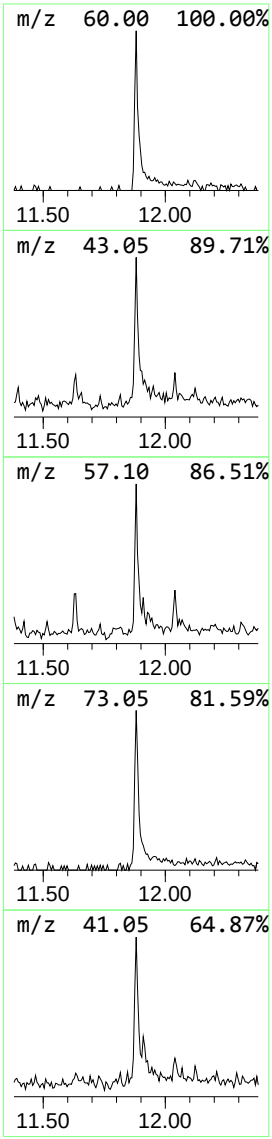
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.79 ng	101101	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

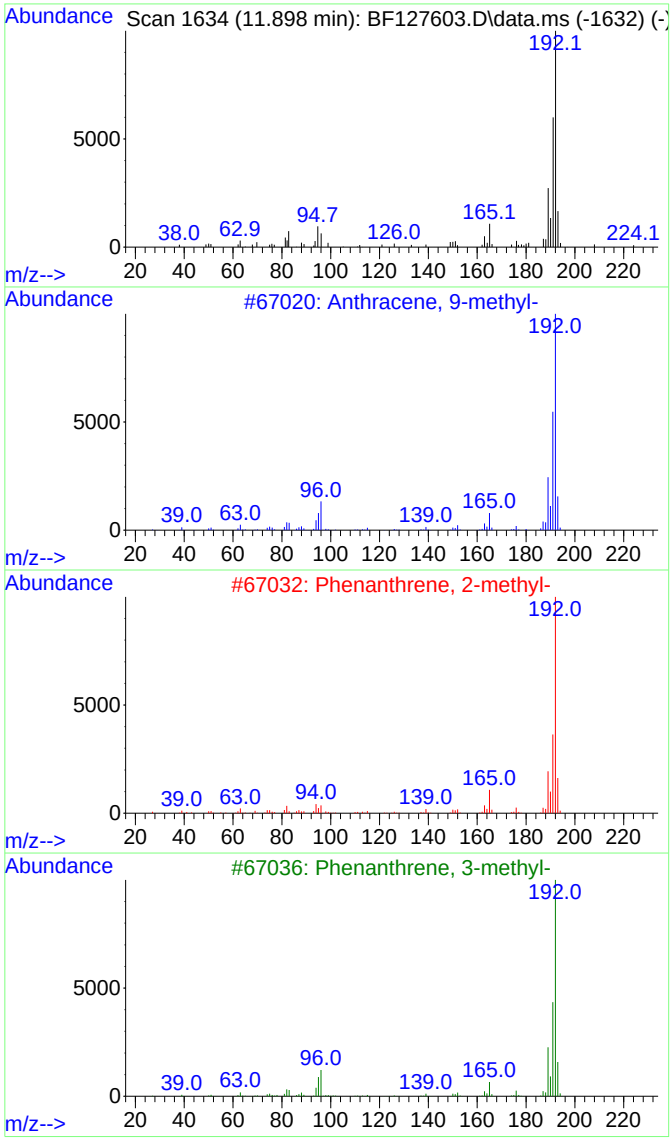
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

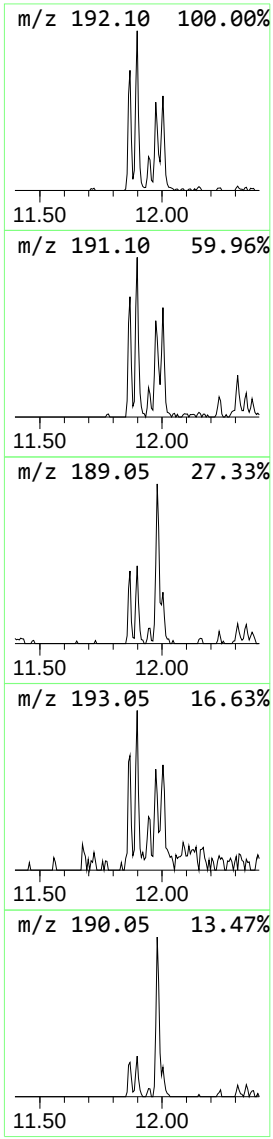
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.32 ng	84062	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

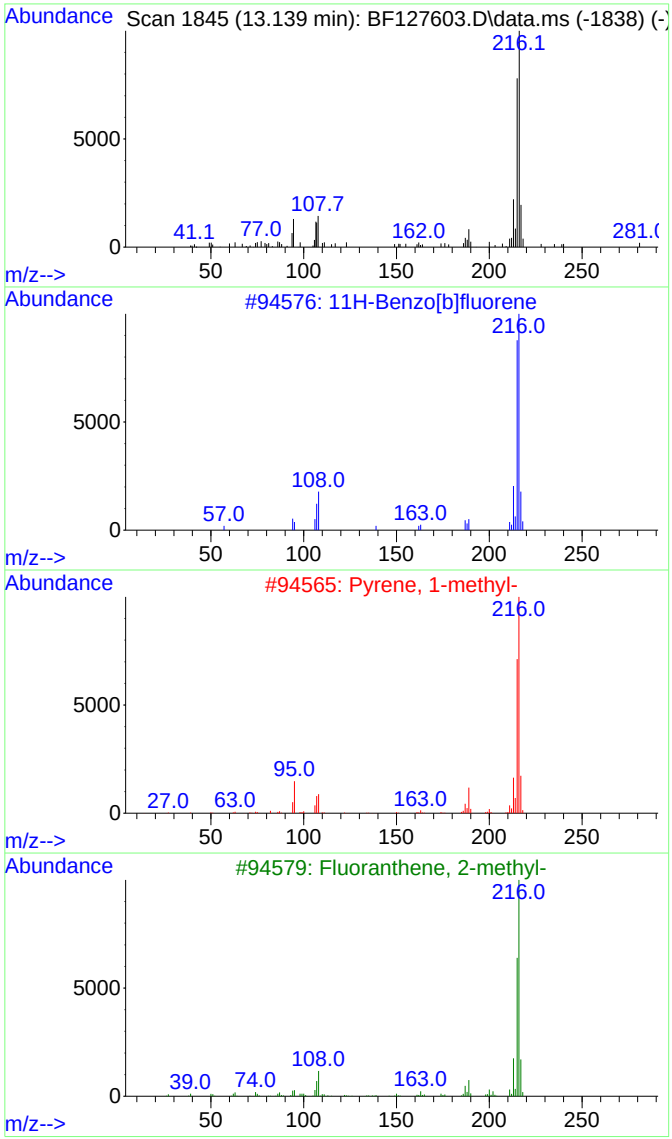
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

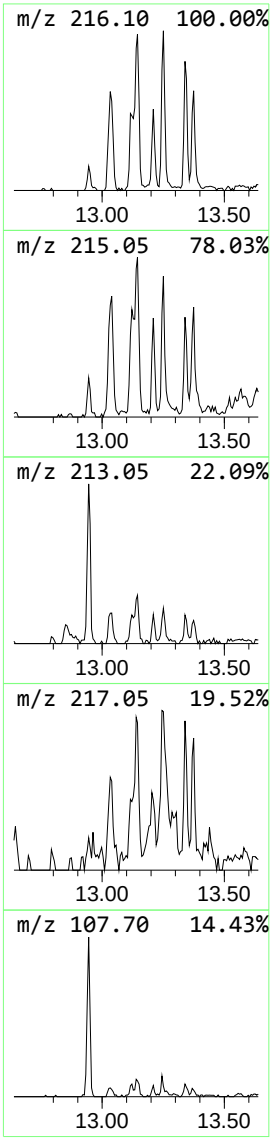
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.16 ng	93950	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

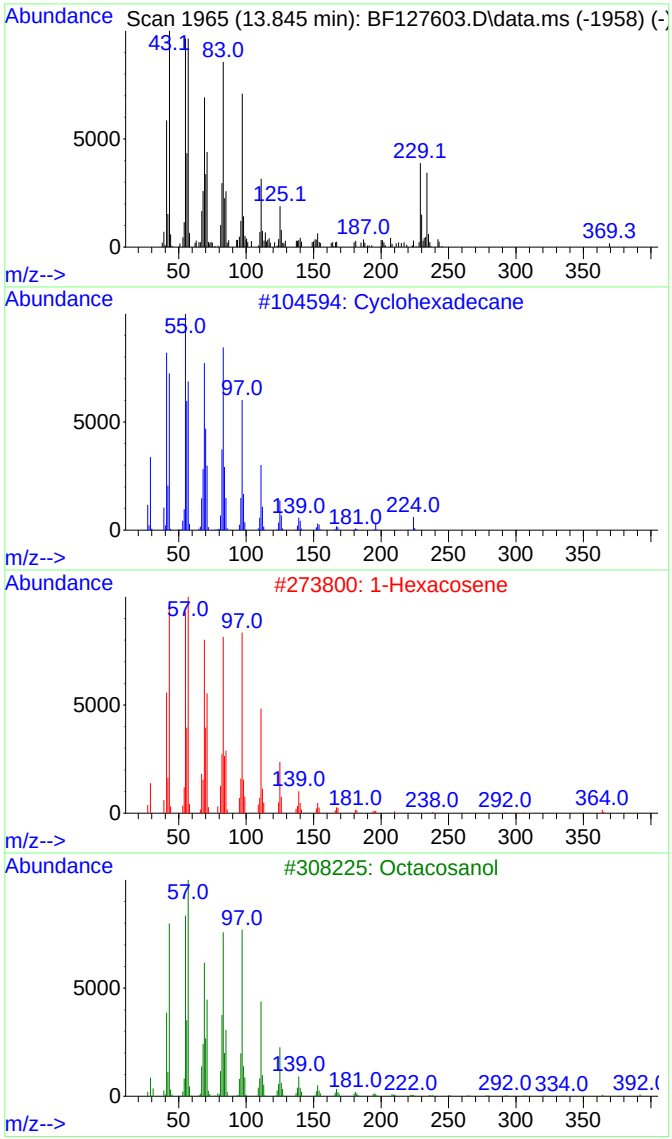
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

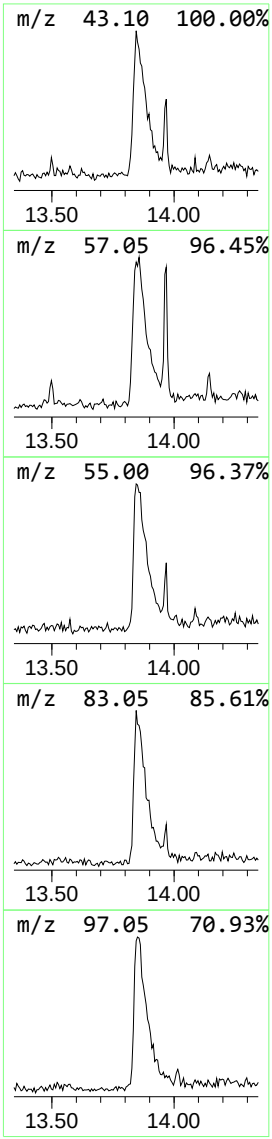
****

Peak Number 4 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	4.47 ng	194489	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	1-Hexacosene	364	C26H52	018835-33-1	89
3	Octacosanol	410	C28H58O	000557-61-9	76
4	1-Tetracosene	336	C24H48	010192-32-2	76
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

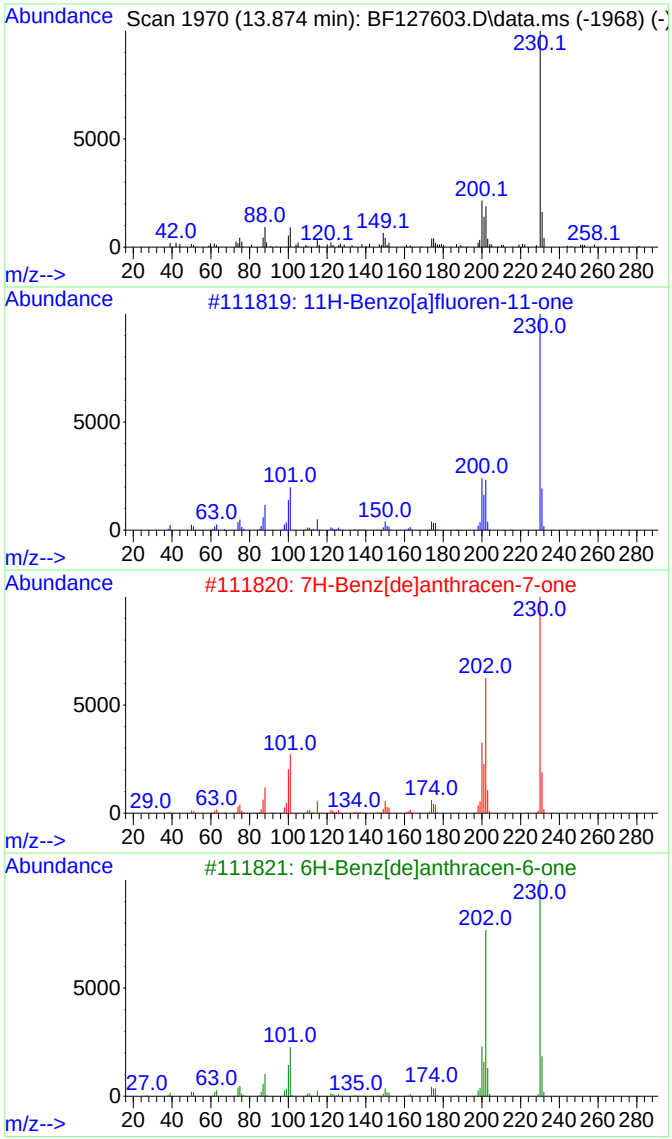
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

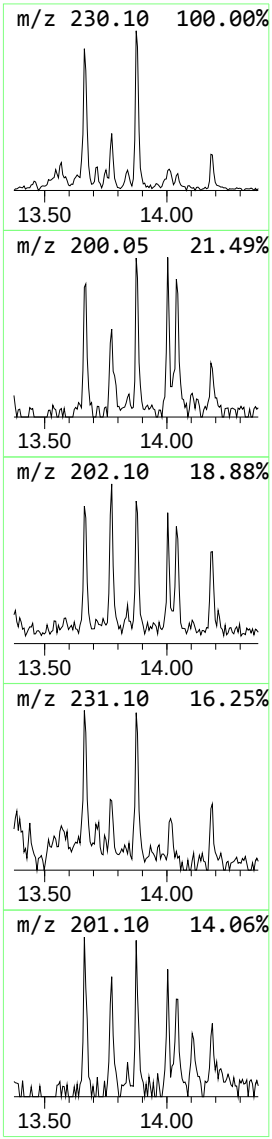
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.76 ng	120007	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

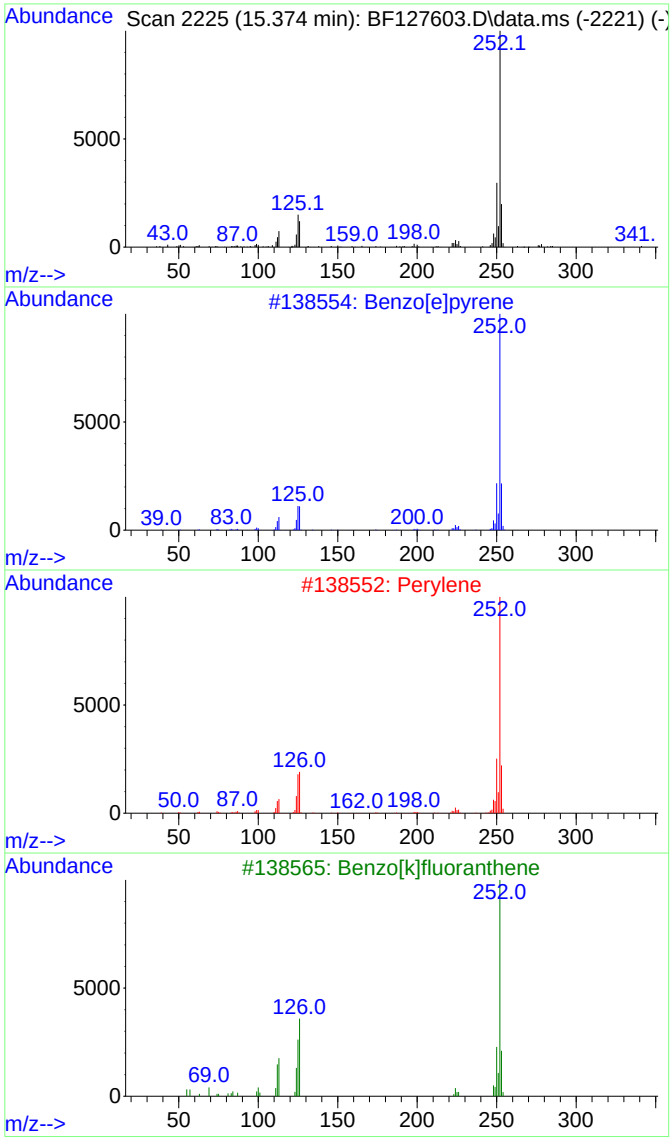
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

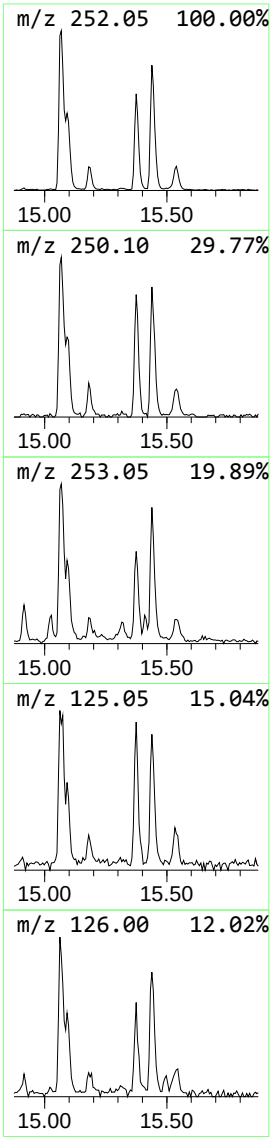
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	4.12 ng	120723	Perylene-d12	15.498

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

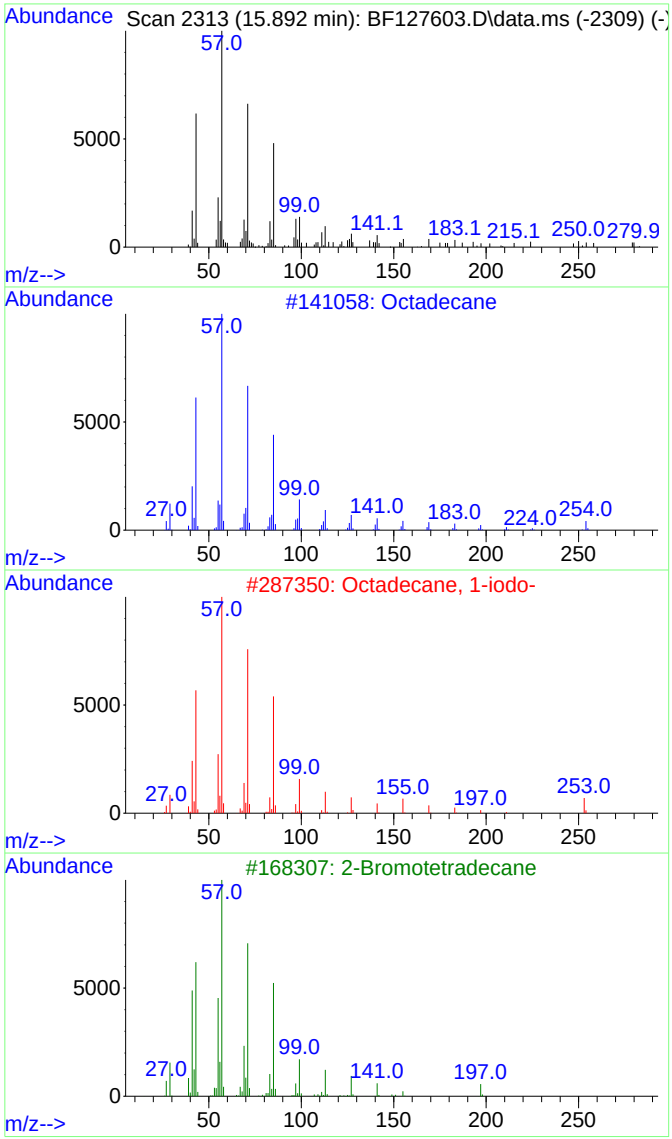
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

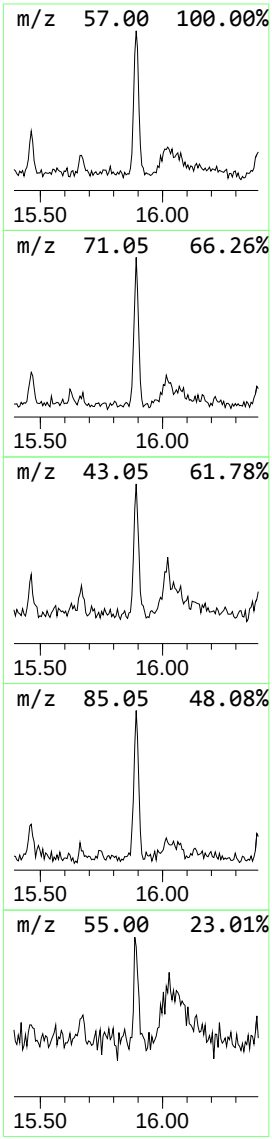
****

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	2.28 ng	66785	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127603.D
Acq On : 31 Mar 2022 14:38
Operator : CG\JU
Sample : N2195-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-1-5FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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 ...	11.880	2.8	ng	101101	4	11.363	725617	20.0
Anthracene, 9-m...	11.898	2.3	ng	84062	4	11.363	725617	20.0
11H-Benzo[b]flu...	13.139	2.2	ng	93950	5	14.015	870885	20.0
Cyclohexadecane	13.845	4.5	ng	194489	5	14.015	870885	20.0
11H-Benzo[a]flu...	13.874	2.8	ng	120007	5	14.015	870885	20.0
Benzo[e]pyrene	15.374	4.1	ng	120723	6	15.498	586311	20.0
Octadecane	15.892	2.3	ng	66785	6	15.498	586311	20.0