LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	710210	718320	15.17%	1.481%
2	3.293	201	205	214	rBV2	24568	54381	1.15%	0.112%
3	5.469	570	575	578	rBV	4894585	4579828	96.74%	9.442%
4	6.481	742	747	750	rBV	4935408	4681300	98.88%	9.651%
5	6.687	779	782	788	rBV	150541	133880	2.83%	0.276%
6	6.863	809	812	815	rBV	1718509	1306360	27.59%	2.693%
7	7.422	903	907	910	rBV	3455770	2987727	63.11%	6.160%
8	8.145	1027	1030	1034	rBV	1979210	1716968	36.27%	3.540%
9	9.228	1209	1214	1217	rBV	5197309	4509499	95.26%	9.297%
10	9.616	1277	1280	1283	rBV	1332855	993210	20.98%	2.048%
11	9.904	1325	1329	1333	rBV	2498515	2016881	42.60%	4.158%
12	10.686	1458	1462	1466	rBV	3638545	3300906	69.73%	6.805%
13	10.963	1506	1509	1512	rBV	62823	56270	1.19%	0.116%
14	11.386	1577	1581	1583	rBV	2526262	2102029	44.40%	4.334%
15	11.410	1583	1585	1588	rVV	599615	461063	9.74%	0.951%
16	11.463	1592	1594	1597	rVB	73469	57443	1.21%	0.118%
17	11.886	1663	1666	1668	rBV	112946	101083	2.14%	0.208%
18	11.916	1668	1671	1682	rVV	641097	860722	18.18%	1.775%
19	11.998	1682	1685	1688	rVV	183813	212079	4.48%	0.437%
20	12.022	1688	1689	1694	rVB	96237	66031	1.39%	0.136%
21	12.186	1713	1717	1718	rBV2	64587	69143	1.46%	0.143%
22	12.204	1718	1720	1725	rVB2	87198	88768	1.88%	0.183%
23	12.375	1745	1749	1754	rVB2	146907	162305	3.43%	0.335%
24	12.439	1755	1760	1763	rBV2	92856	117530	2.48%	0.242%
25	12.522	1771	1774	1779	rBV2	66295	72586	1.53%	0.150%
26	12.598	1784	1787	1791	rBV	1062356	859041	18.15%	1.771%
27	12.704	1800	1805	1812	rBV2	441263	740389	15.64%	1.526%
28	12.827	1820	1826	1830	rBV	958119	898602	18.98%	1.853%
29	12.880	1832	1835	1840	rVB2	42382	61520	1.30%	0.127%
30	12.974	1847	1851	1854	rBV	5488811	4734126	100.00%	9.760%
31	13.045	1858	1863	1866	rBV3	83285	115874	2.45%	0.239%
32	13.133	1874	1878	1880	rBV4	63721	91500	1.93%	0.189%
33	13.157	1880	1882	1885	rVB	135262	106487	2.25%	0.220%
34	13.222	1885	1893	1896	rBV2	98746	141564	2.99%	0.292%
35	13.257	1896	1899	1903	rBV2	121104	120754	2.55%	0.249%
36	13.351	1912	1915	1918	rVV	76458	64302	1.36%	0.133%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.380	1918	1920	1924	rVB	74297	66287	1.40%	0.137%
38	13.557	1943	1950	1952	rBV6	40735	69568	1.47%	0.143%
39	13.657	1964	1967	1973	rVB	95306	115707	2.44%	0.239%
40	13.774	1982	1987	1990	rBV2	99063	142342	3.01%	0.293%
41	13.804	1990	1992	1994	rBV	70213	60281	1.27%	0.124%
42	13.874	2000	2004	2014	rBV3	565760	967672	20.44%	1.995%
43	14.027	2024	2030	2032	rBV2	2411254	2634016	55.64%	5.430%
44	14.051	2032	2034	2040	rVB	528454	428185	9.04%	0.883%
45	14.410	2091	2095	2098	rVV	95368	101040	2.13%	0.208%
46	14.445	2098	2101	2104	rVB	86912	75862	1.60%	0.156%
47	14.533	2113	2116	2118	rBV2	64776	58075	1.23%	0.120%
48	14.816	2158	2164	2166	rBV5	41132	76313	1.61%	0.157%
49	14.892	2174	2177	2183	rVB4	47220	69738	1.47%	0.144%
50	15.063	2201	2206	2209	rBV	384934	577268	12.19%	1.190%
51	15.163	2219	2223	2228	rVB3	70929	123907	2.62%	0.255%
52	15.368	2254	2258	2264	rVB	221149	277983	5.87%	0.573%
53	15.427	2264	2268	2274	rBV	292189	346902	7.33%	0.715%
54	15.492	2274	2279	2283	rBV	1508707	1950660	41.20%	4.022%
55	15.980	2357	2362	2367	rBV	136081	215896	4.56%	0.445%
56	16.045	2367	2373	2380	rVV6	60118	163797	3.46%	0.338%
57	16.786	2493	2499	2505	rVB6	71854	156162	3.30%	0.322%
58	16.945	2521	2526	2534	rVB2	127867	258977	5.47%	0.534%
59	17.386	2595	2601	2611	rVB	100890	207182	4.38%	0.427%

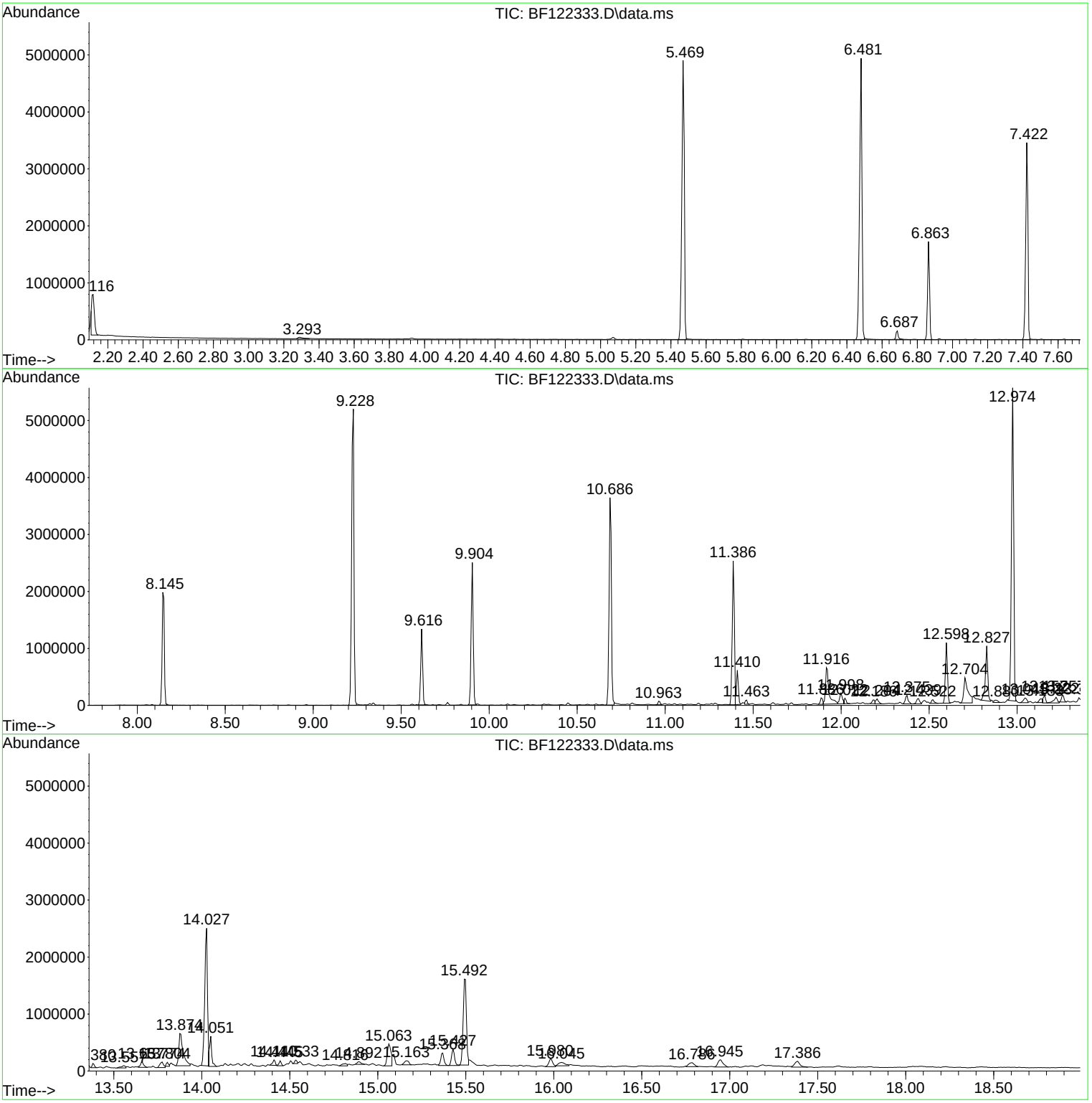
Sum of corrected areas: 48504291

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

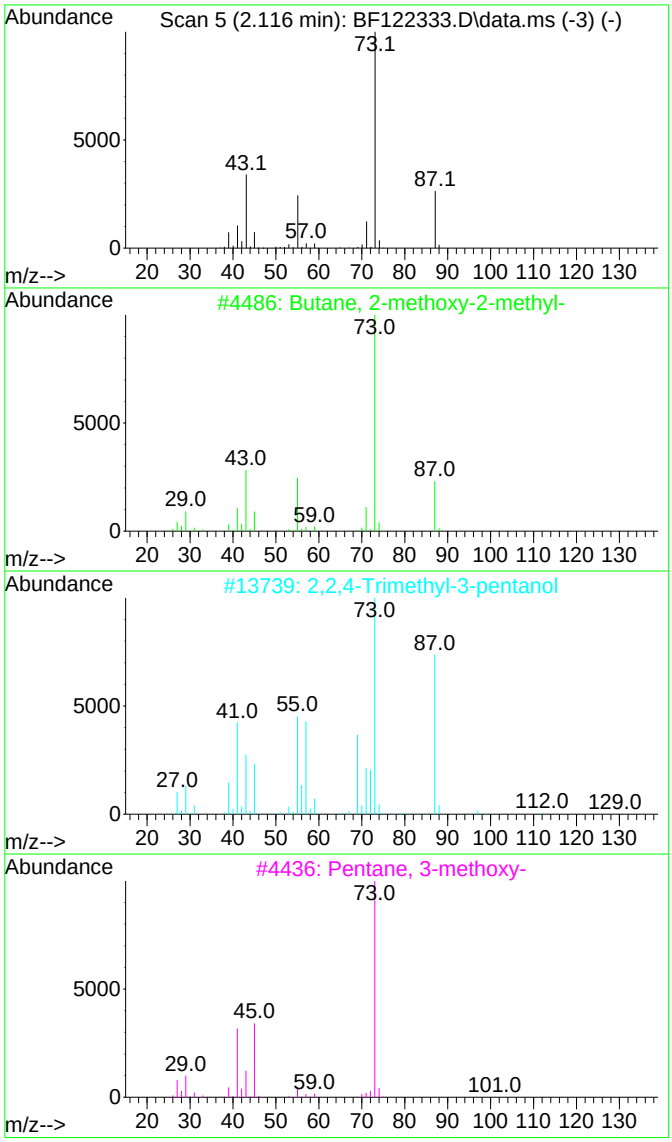
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

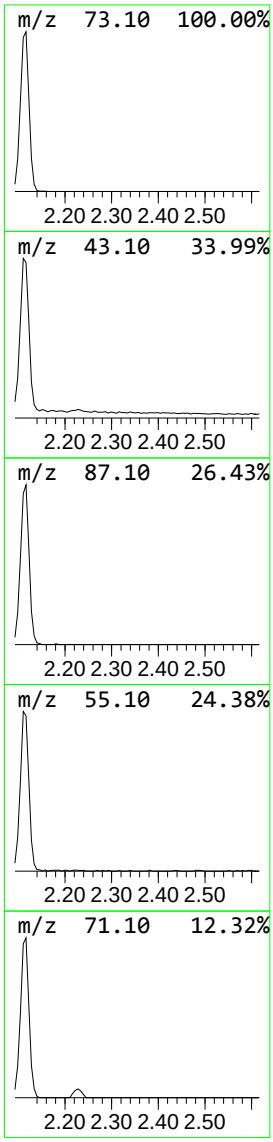
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	11.00 ng	718320	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

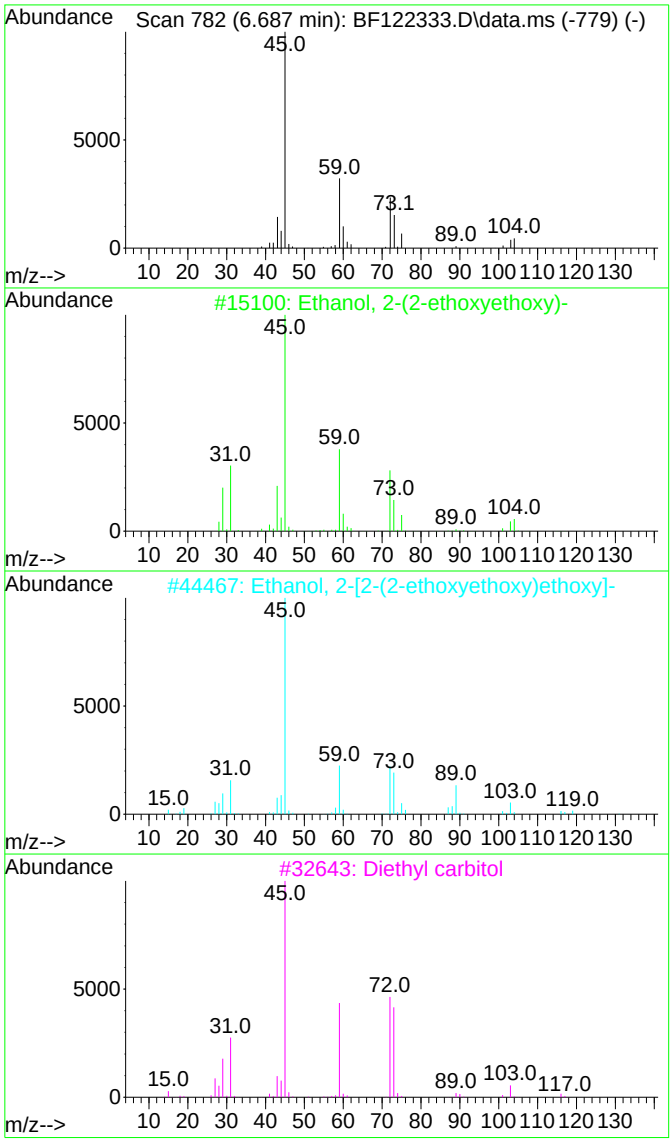
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

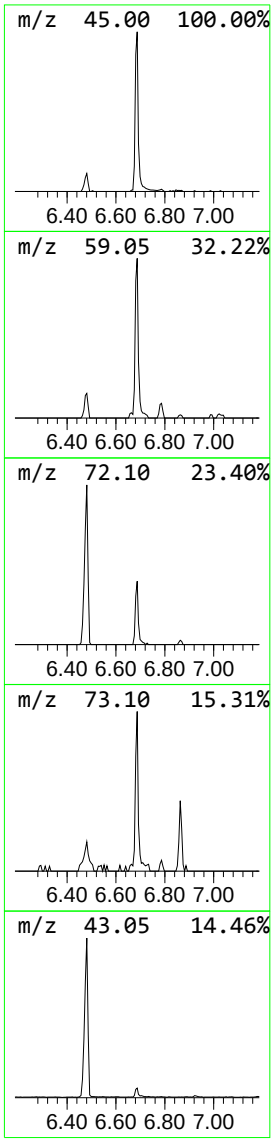
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	2.05 ng	133880	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
3	Diethyl carbitol	162	C8H18O3	000112-36-7	56
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

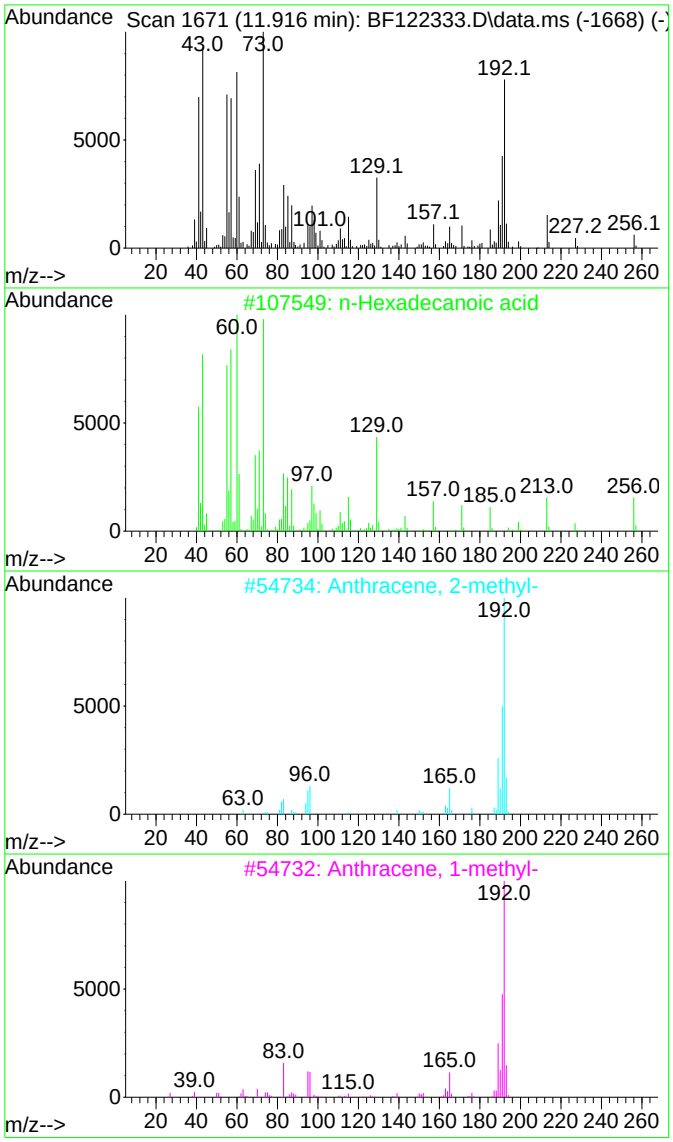
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

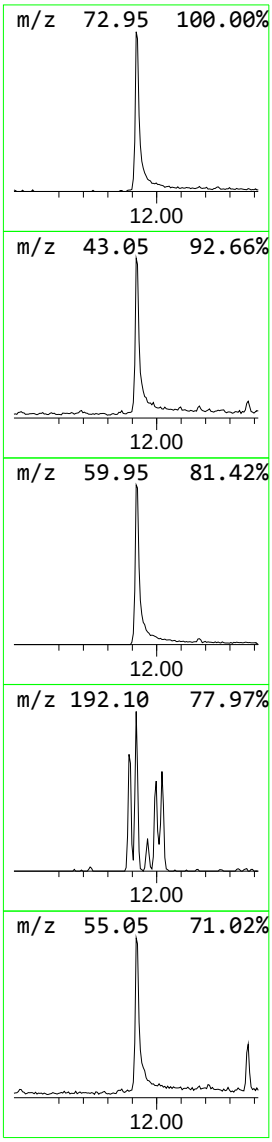
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	8.19 ng	860722	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

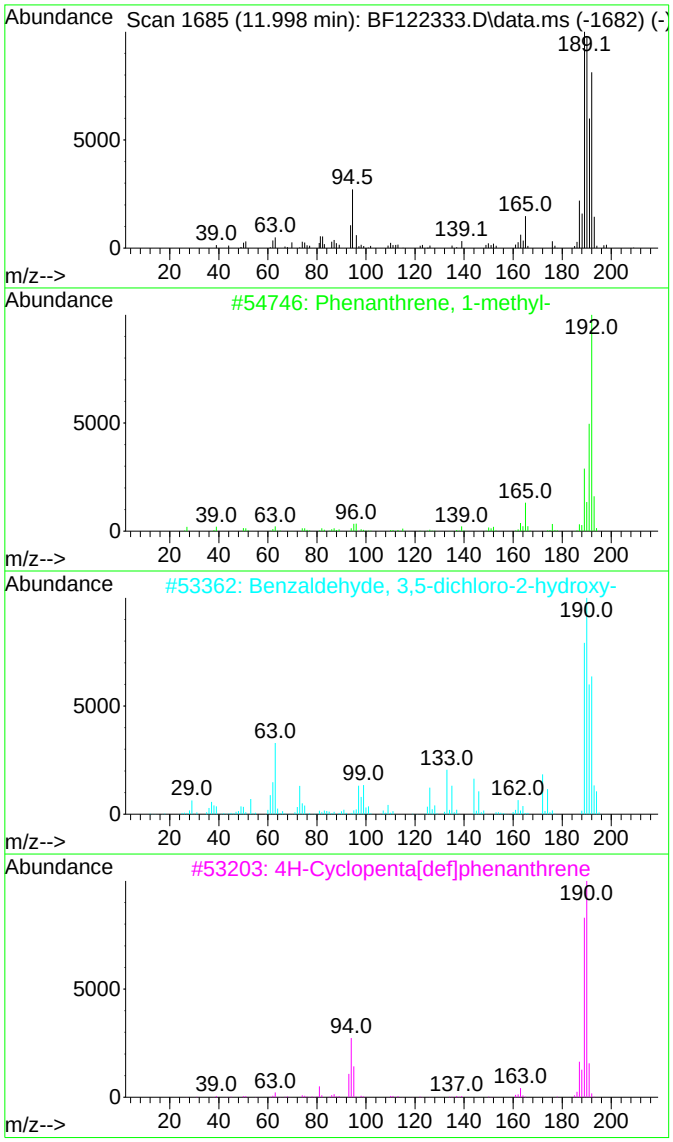
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

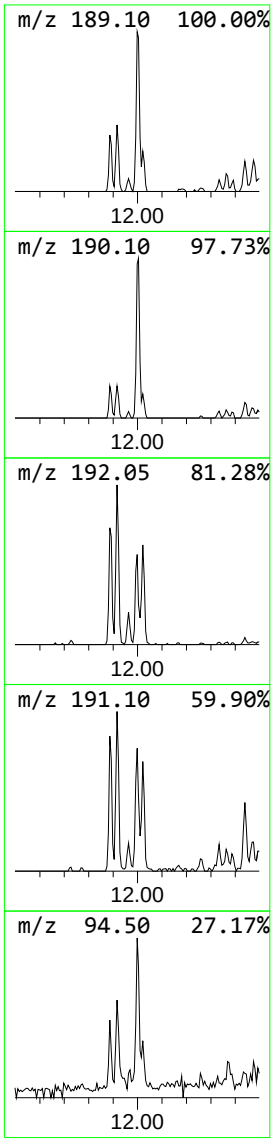
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.02 ng	212079	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

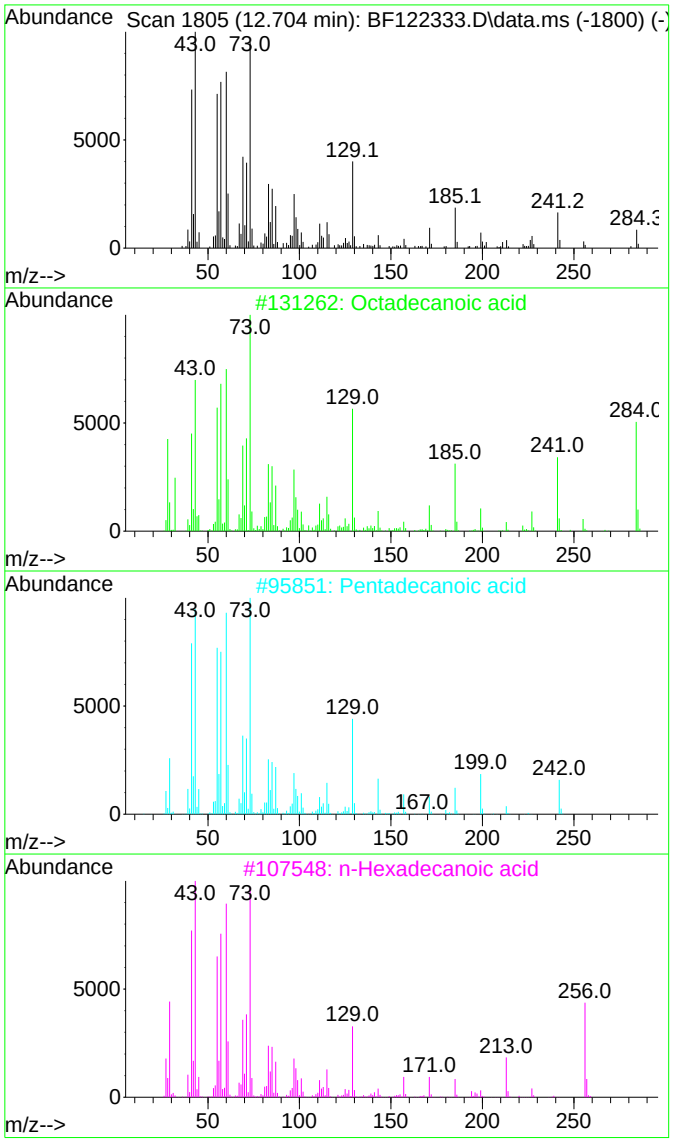
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

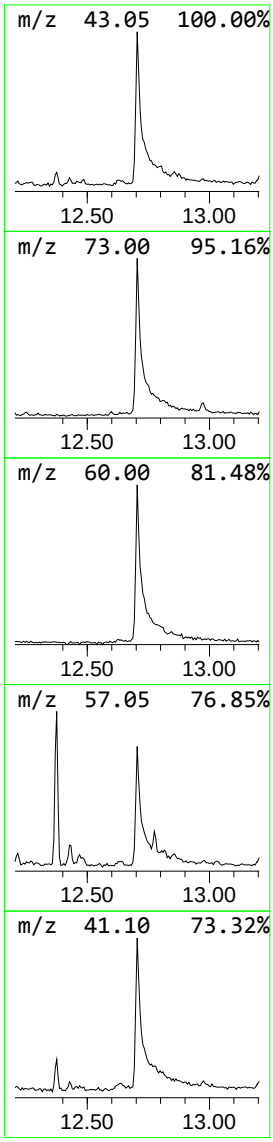
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	7.04 ng	740389	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

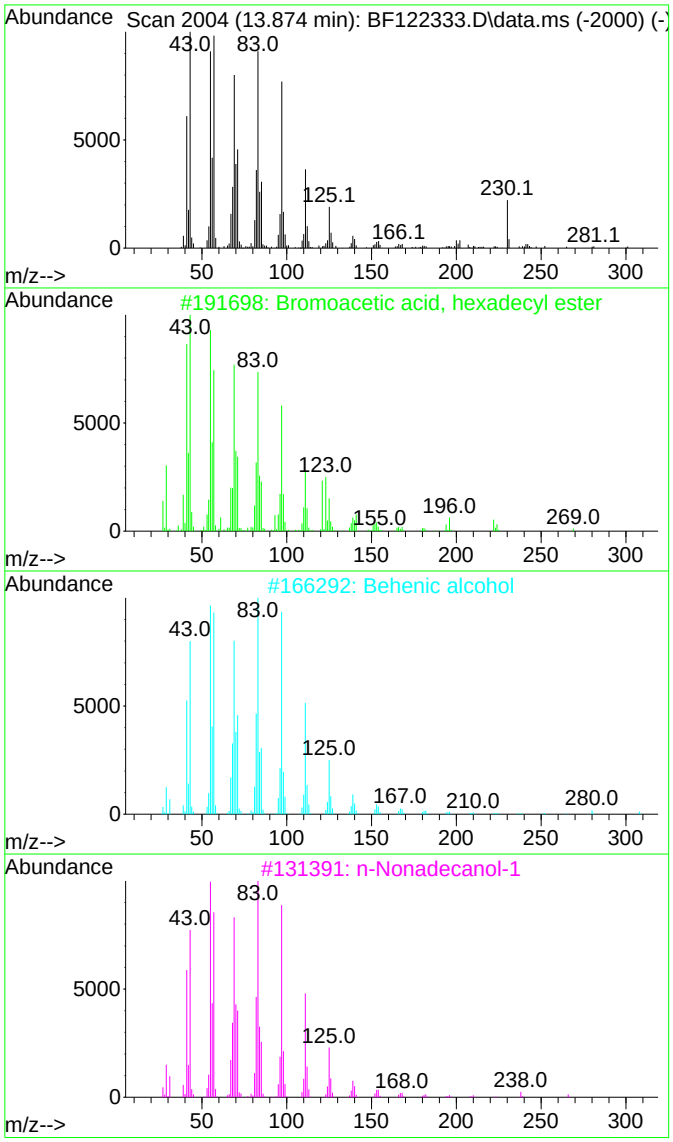
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

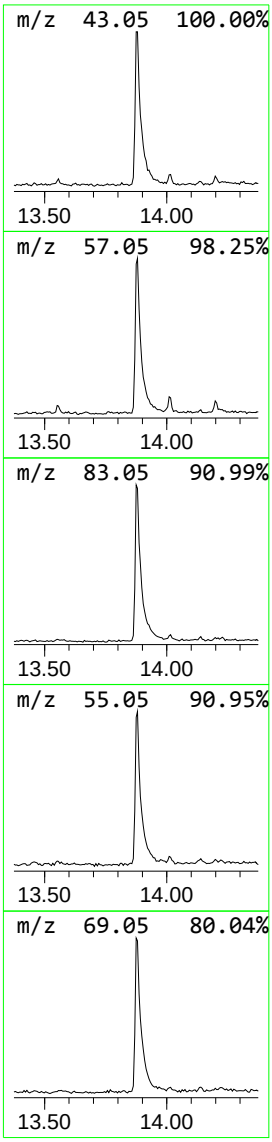
****

Peak Number 6 Bromoacetic acid, hexadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	7.35 ng	967672	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

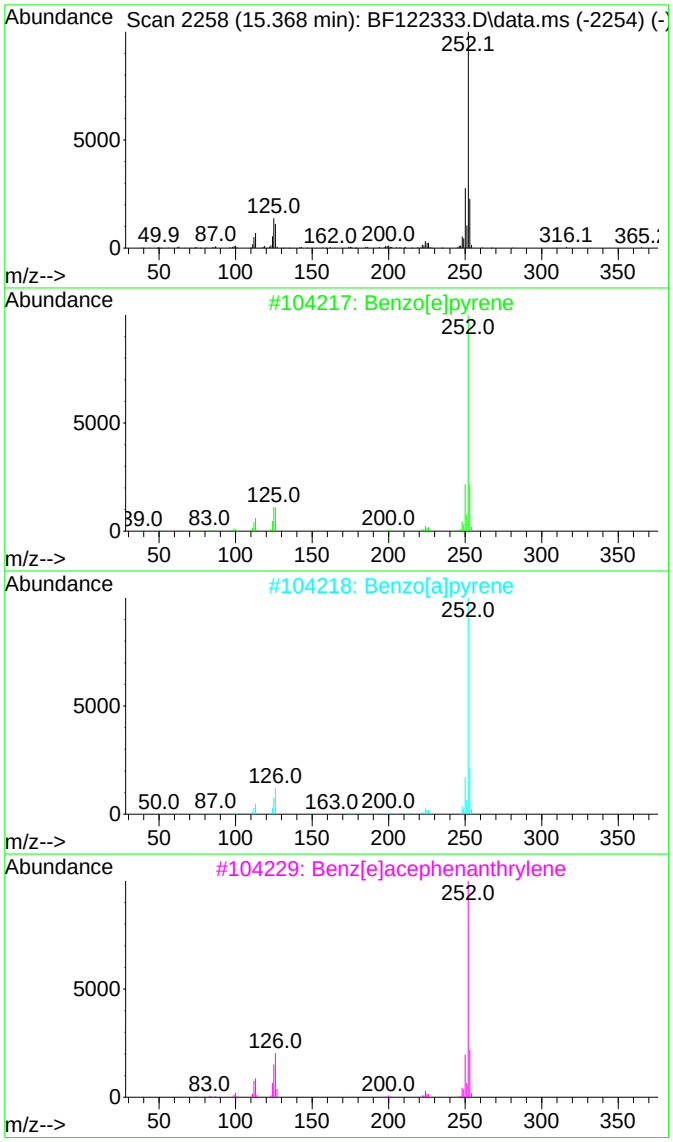
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

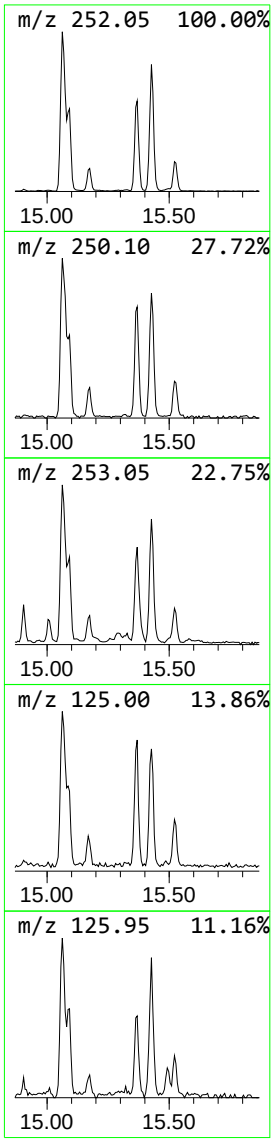
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	2.85 ng	277983	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

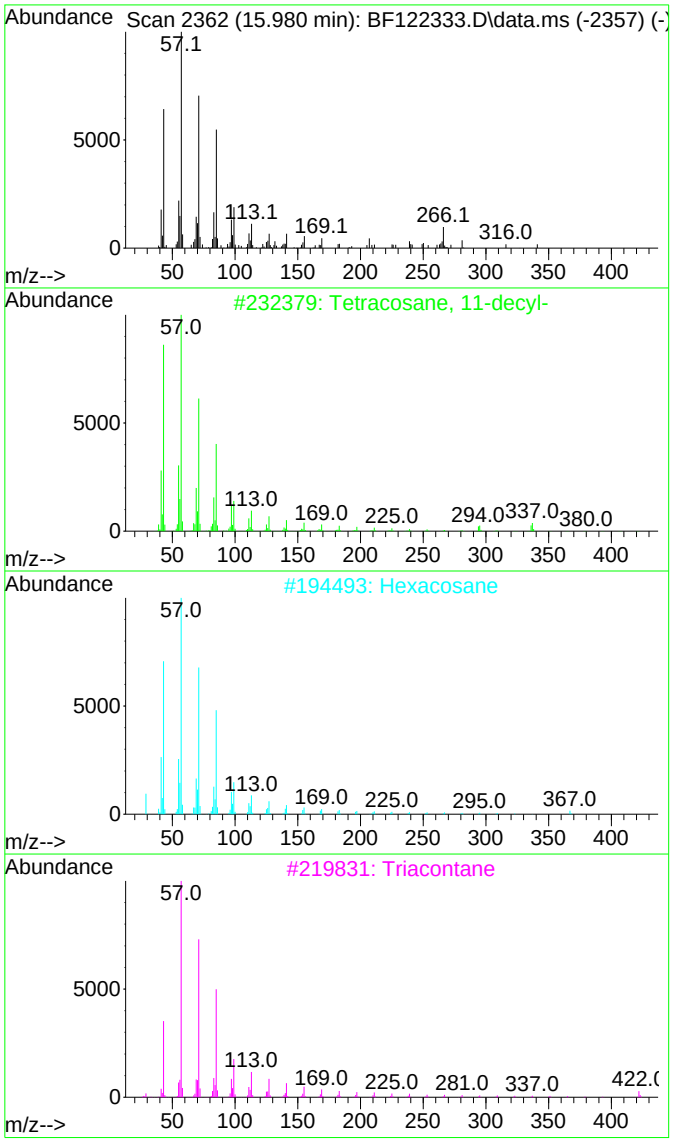
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

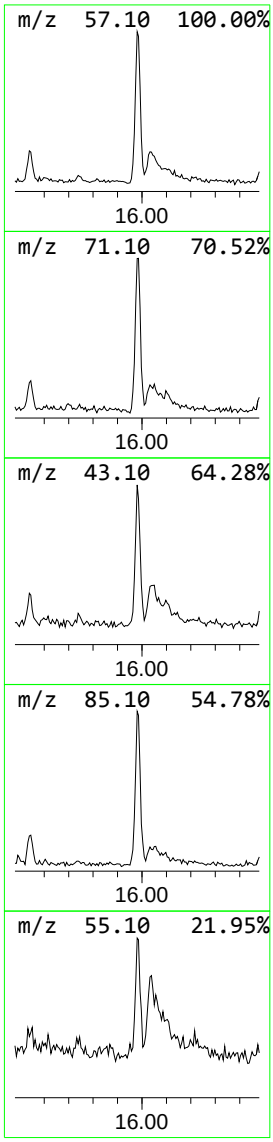
****

Peak Number 8 Tetracosane, 11-decyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.21 ng	215896	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Triacontane	422	C30H62	000638-68-6	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.116	11.0	ng	718320	1	6.863	1306360	20.0
Ethanol, 2-(2-e...	6.687	2.0	ng	133880	1	6.863	1306360	20.0
n-Hexadecanoic ...	11.916	8.2	ng	860722	4	11.386	2102030	20.0
Phenanthrene, 1...	11.998	2.0	ng	212079	4	11.386	2102030	20.0
Octadecanoic acid	12.704	7.0	ng	740389	4	11.386	2102030	20.0
Bromoacetic aci...	13.874	7.3	ng	967672	5	14.027	2634020	20.0
Benzo[e]pyrene	15.368	2.9	ng	277983	6	15.498	1950660	20.0
Tetracosane, 11...	15.980	2.2	ng	215896	6	15.498	1950660	20.0