LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	13	20	29	rVB	1431935	1903592	48.77%	4.745%
2	5.516	578	583	586	rBV	2979284	3041453	77.92%	7.582%
3	6.522	748	754	757	rBV	3034013	3202344	82.04%	7.983%
4	6.663	773	778	782	rBV	3426361	3321364	85.09%	8.280%
5	6.892	814	817	821	rBV	1255281	1026679	26.30%	2.559%
6	7.051	840	844	848	rBV	3066564	2625174	67.26%	6.544%
7	7.451	907	912	915	rBV	2257202	2097995	53.75%	5.230%
8	8.175	1031	1035	1038	rBV	1678655	1342729	34.40%	3.347%
9	9.251	1213	1218	1221	rBV	4448596	3903202	100.00%	9.730%
10	9.639	1280	1284	1293	rVB	734643	625838	16.03%	1.560%
11	9.928	1329	1333	1337	rBV	1801536	1536558	39.37%	3.830%
12	10.586	1439	1445	1448	rBV	51055	50898	1.30%	0.127%
13	10.716	1462	1467	1470	rBV	2488027	2396938	61.41%	5.975%
14	10.851	1485	1490	1498	rBV	114659	144830	3.71%	0.361%
15	11.316	1566	1569	1574	rVB2	75198	72410	1.86%	0.181%
16	11.410	1581	1585	1588	rBV	1888568	1639027	41.99%	4.086%
17	11.433	1588	1589	1592	rVV	220113	134673	3.45%	0.336%
18	11.480	1595	1597	1601	rVB	56526	52996	1.36%	0.132%
19	11.863	1659	1662	1665	rBV4	30237	47323	1.21%	0.118%
20	11.939	1672	1675	1679	rBV	307563	282117	7.23%	0.703%
21	12.022	1686	1689	1691	rBV2	54846	54888	1.41%	0.137%
22	12.463	1761	1764	1767	rBV	50411	43737	1.12%	0.109%
23	12.504	1768	1771	1775	rVB4	37617	46181	1.18%	0.115%
24	12.621	1788	1791	1795	rBV	319143	295503	7.57%	0.737%
25	12.727	1805	1809	1816	rBV3	132541	172330	4.42%	0.430%
26	12.857	1825	1831	1833	rBV	319604	319819	8.19%	0.797%
27	12.880	1833	1835	1848	rVB	292102	426534	10.93%	1.063%
28	13.010	1852	1857	1860	rBV	4049320	3695257	94.67%	9.212%
29	13.080	1867	1869	1878	rVB3	33241	52503	1.35%	0.131%
30	13.198	1886	1889	1892	rVB	51885	55041	1.41%	0.137%
31	13.263	1896	1900	1904	rVB2	41588	60683	1.55%	0.151%
32	13.304	1904	1907	1910	rBV2	46539	47084	1.21%	0.117%
33	13.727	1976	1979	1985	rVB3	36389	65482	1.68%	0.163%
34	13.845	1996	1999	2004	rBV3	30964	58538	1.50%	0.146%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.980	2018	2022	2038	rVB2	230173	491655	12.60%	1.226%
36	14.127	2042	2047	2051	rBV	1130152	1328568	34.04%	3.312%
37	14.157	2051	2052	2055	rVB	127794	76071	1.95%	0.190%
38	14.568	2117	2122	2125	rBV	38602	54663	1.40%	0.136%
39	14.692	2140	2143	2145	rBV	51446	56784	1.45%	0.142%
40	15.045	2200	2203	2209	rVB2	106929	113362	2.90%	0.283%
41	15.127	2214	2217	2221	rVB2	59476	61588	1.58%	0.154%
42	15.286	2239	2244	2247	rBV	156589	250054	6.41%	0.623%
43	15.404	2260	2264	2269	rVB	162551	196012	5.02%	0.489%
44	15.598	2293	2297	2303	rBV	106552	136096	3.49%	0.339%
45	15.657	2303	2307	2313	rVV	128449	177489	4.55%	0.442%
46	15.727	2314	2319	2327	rVV	957989	1271306	32.57%	3.169%
47	15.804	2328	2332	2337	rVB	167773	224893	5.76%	0.561%
48	16.257	2405	2409	2414	rBV	184147	282241	7.23%	0.704%
49	16.786	2494	2499	2507	rVB	93931	158539	4.06%	0.395%
50	17.227	2568	2574	2581	rVB2	73577	168657	4.32%	0.420%
51	17.404	2598	2604	2610	rBV5	55729	124508	3.19%	0.310%
52	17.674	2646	2650	2655	rVB	57901	100227	2.57%	0.250%

Sum of corrected areas: 40114433

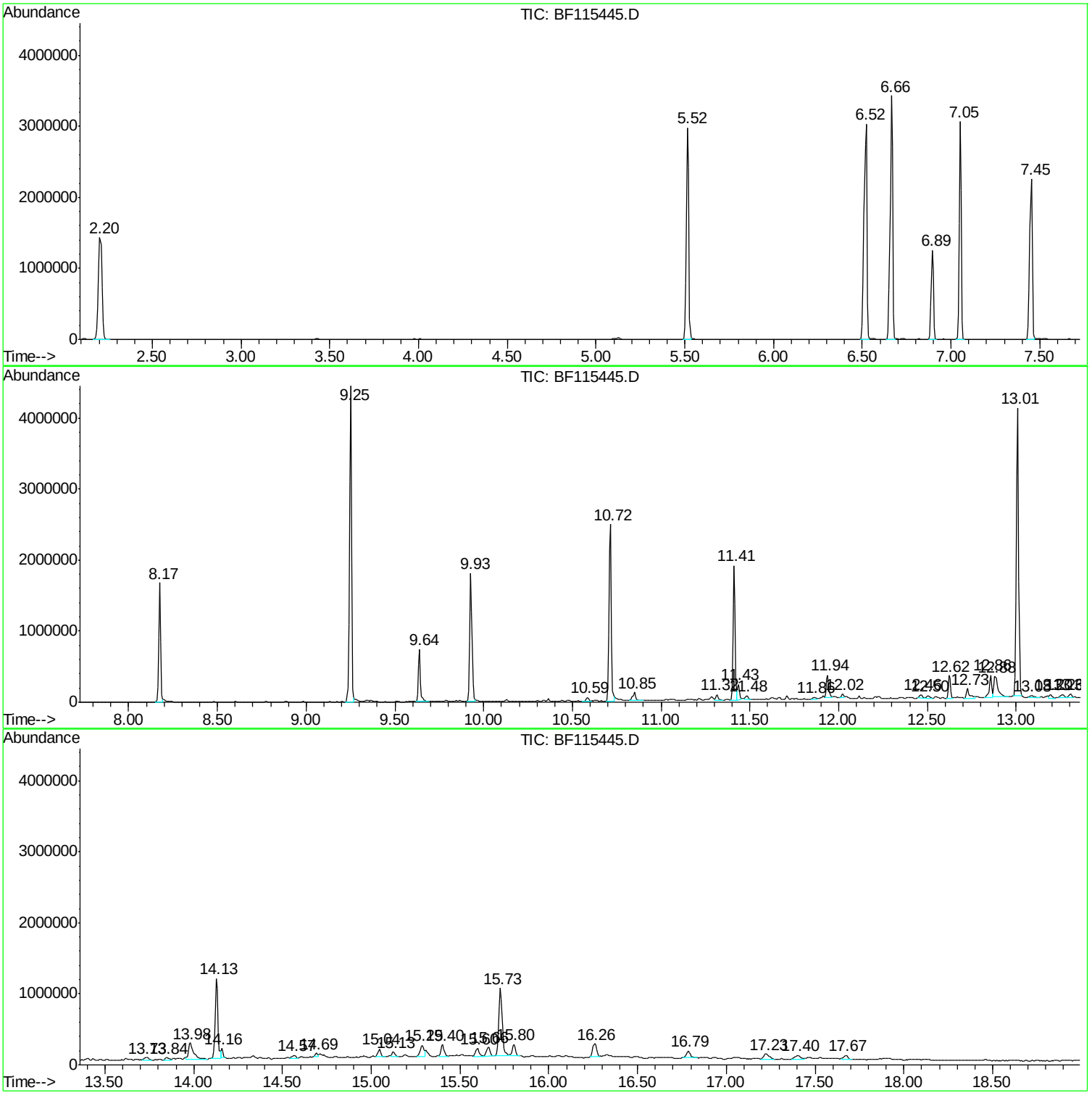
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

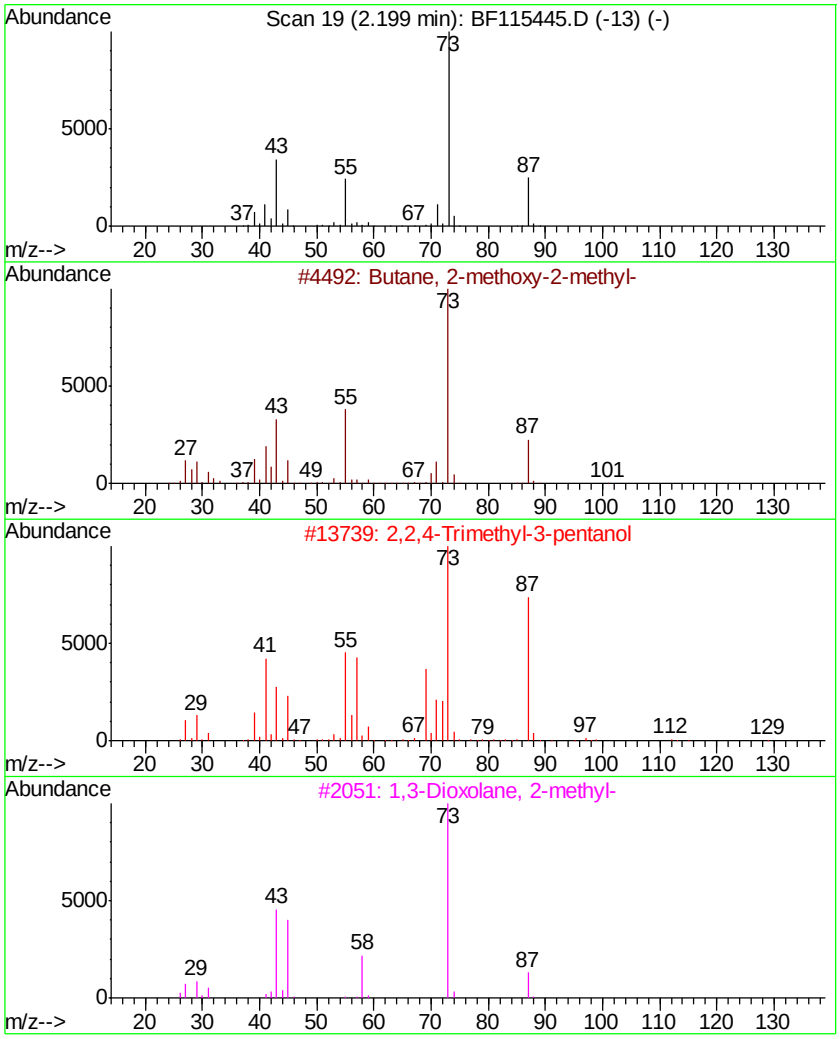
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

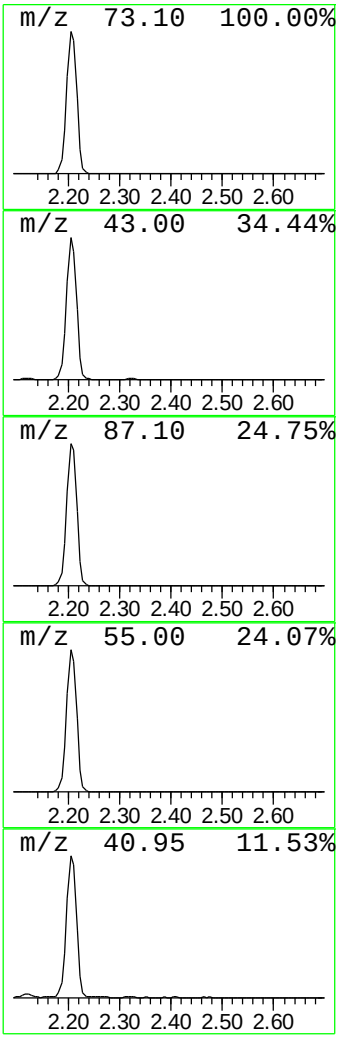
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	37.08 ng	1903590	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

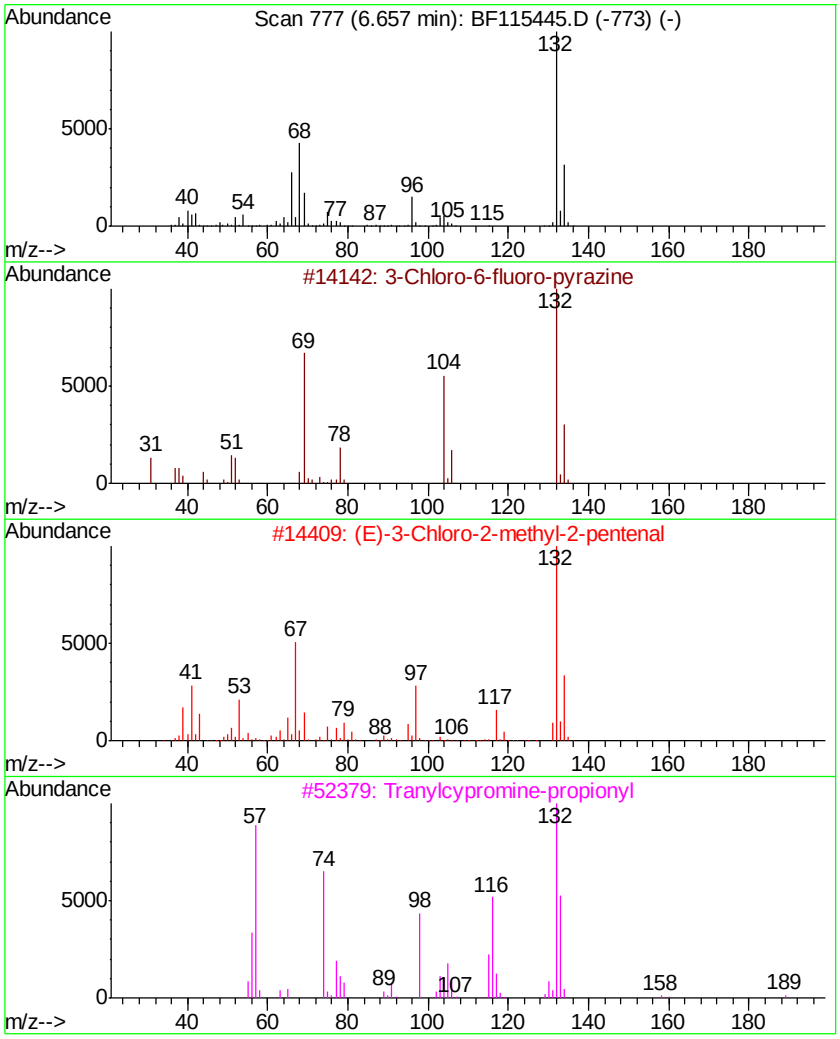
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

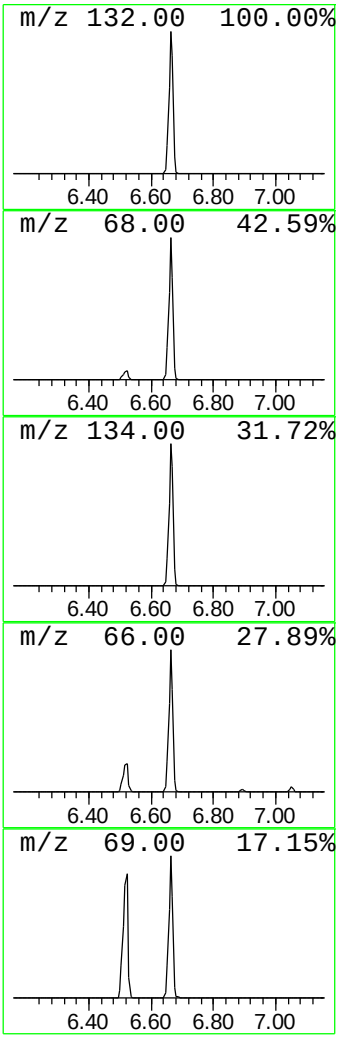
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	64.70 ng	3321360	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

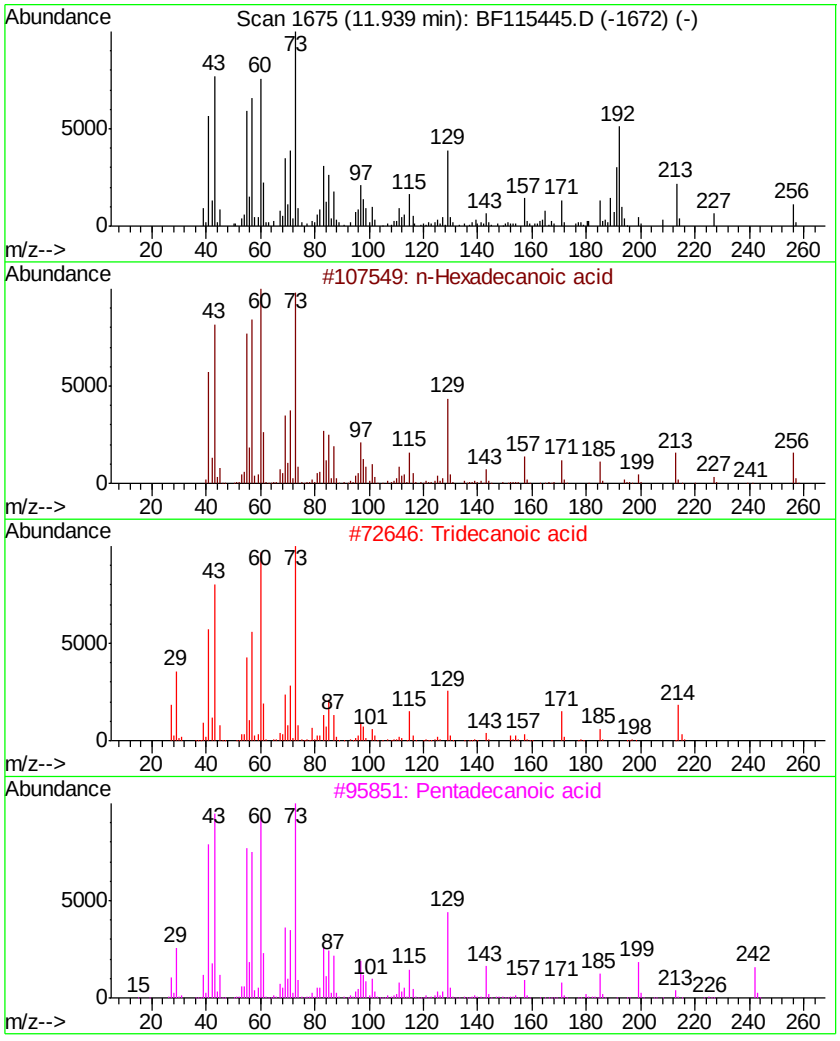
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

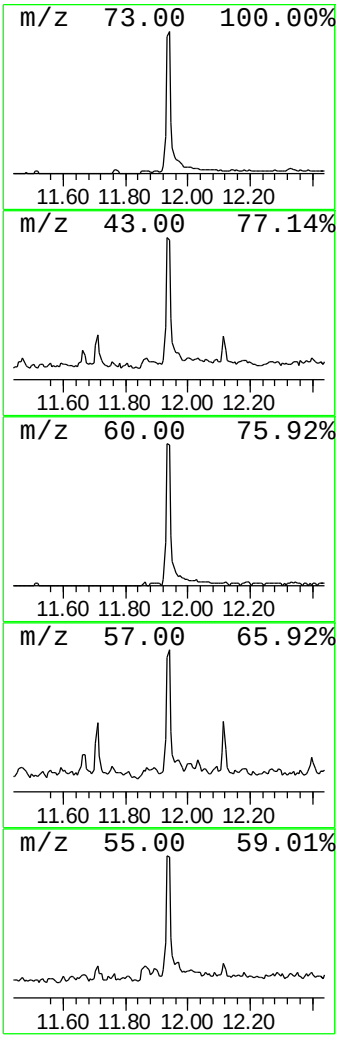
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.44 ng	282117	Phenanthrene-d10	11.41

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

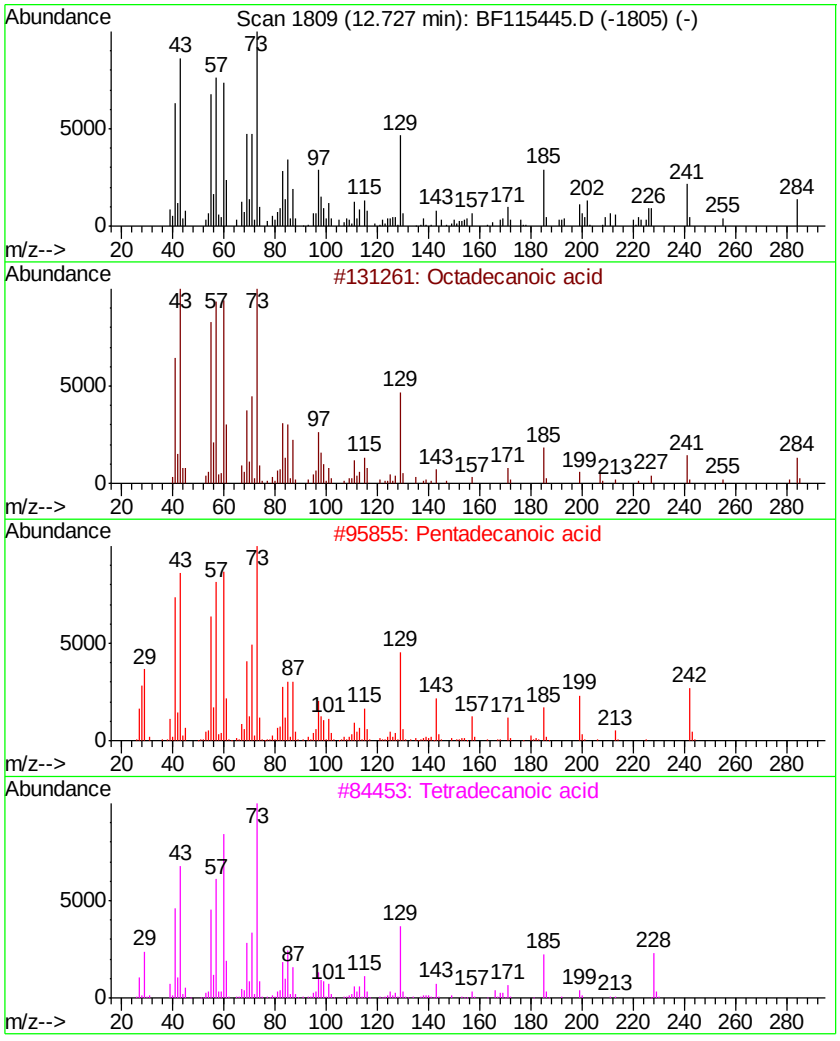
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

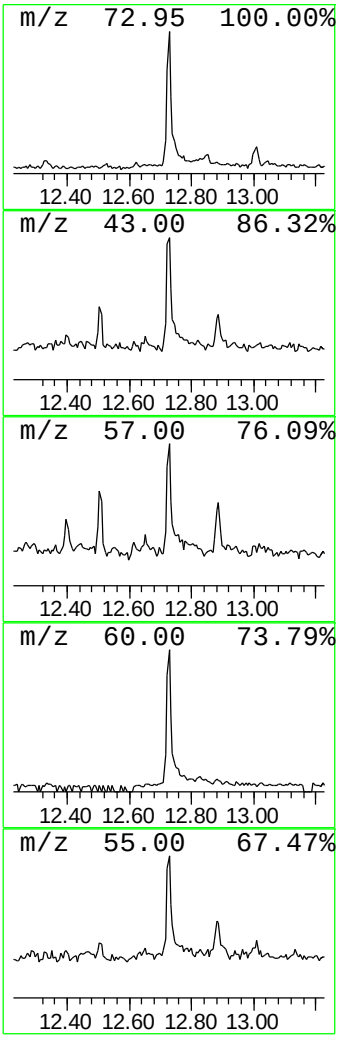
****

Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.10 ng	172330	Phenanthrene-d10	11.41

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	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

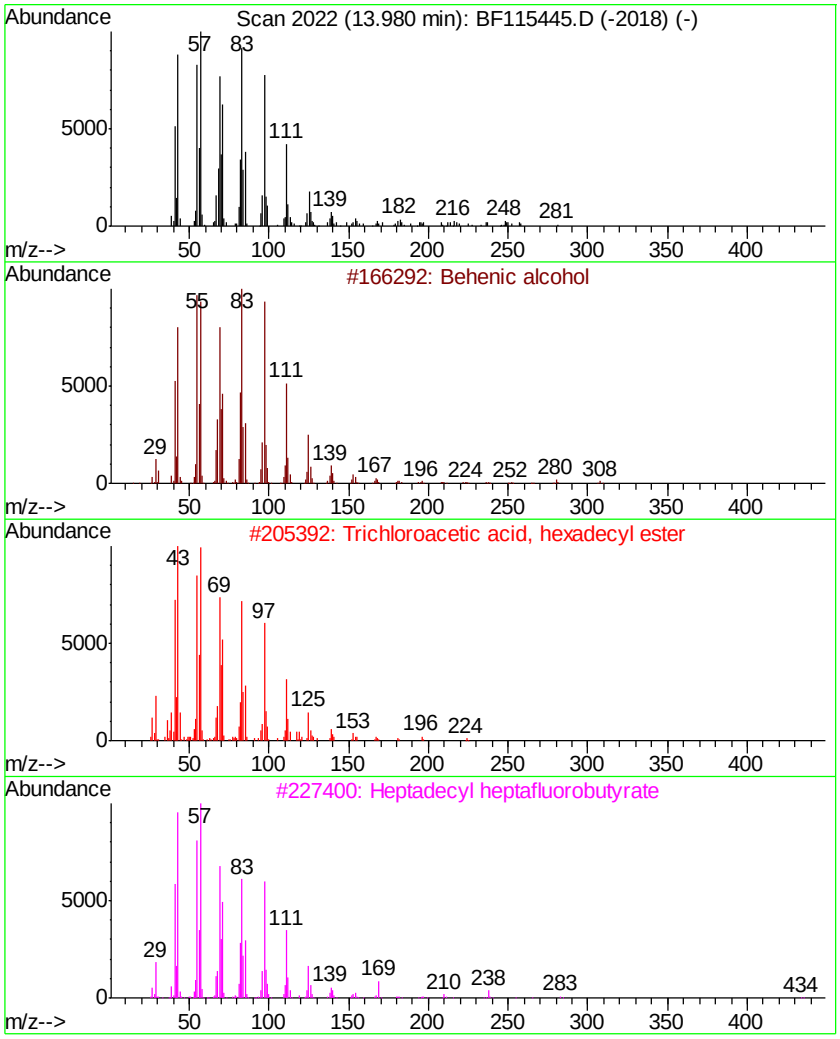
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

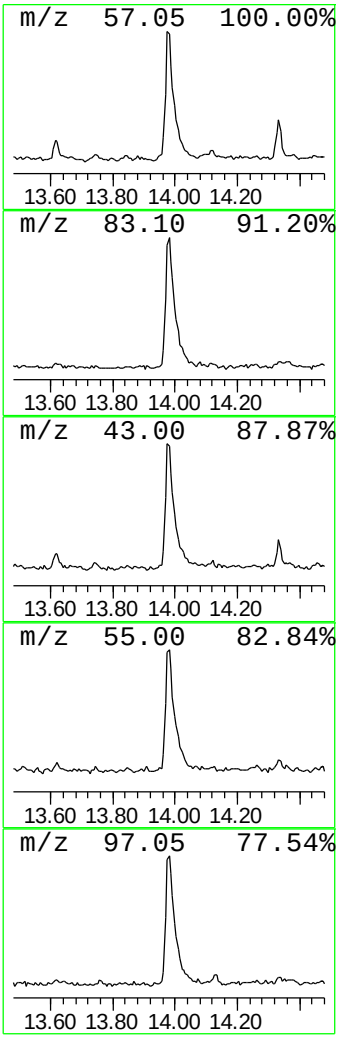
****

Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	7.40 ng	491655	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	89
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

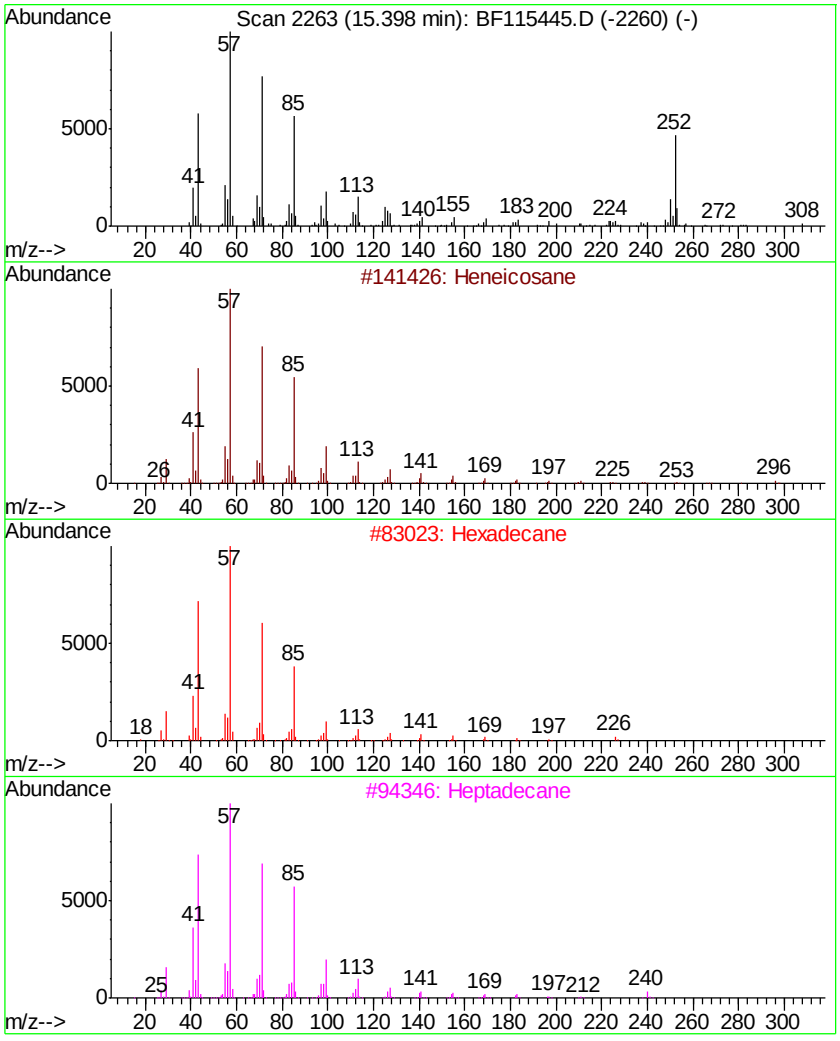
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

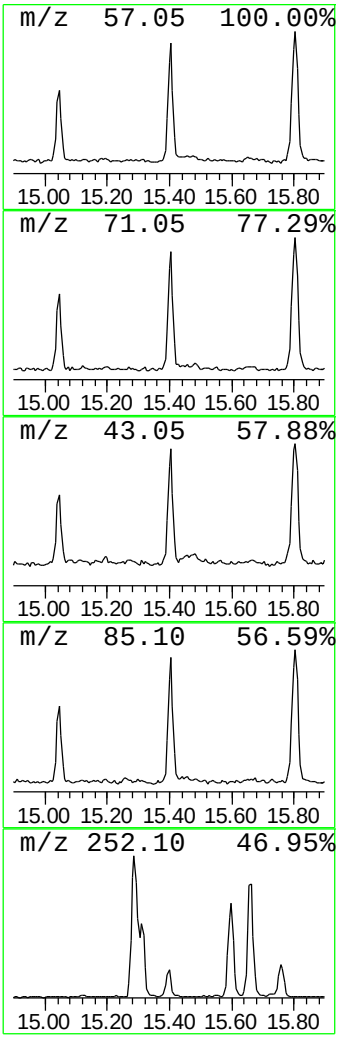
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	3.08 ng	196012	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

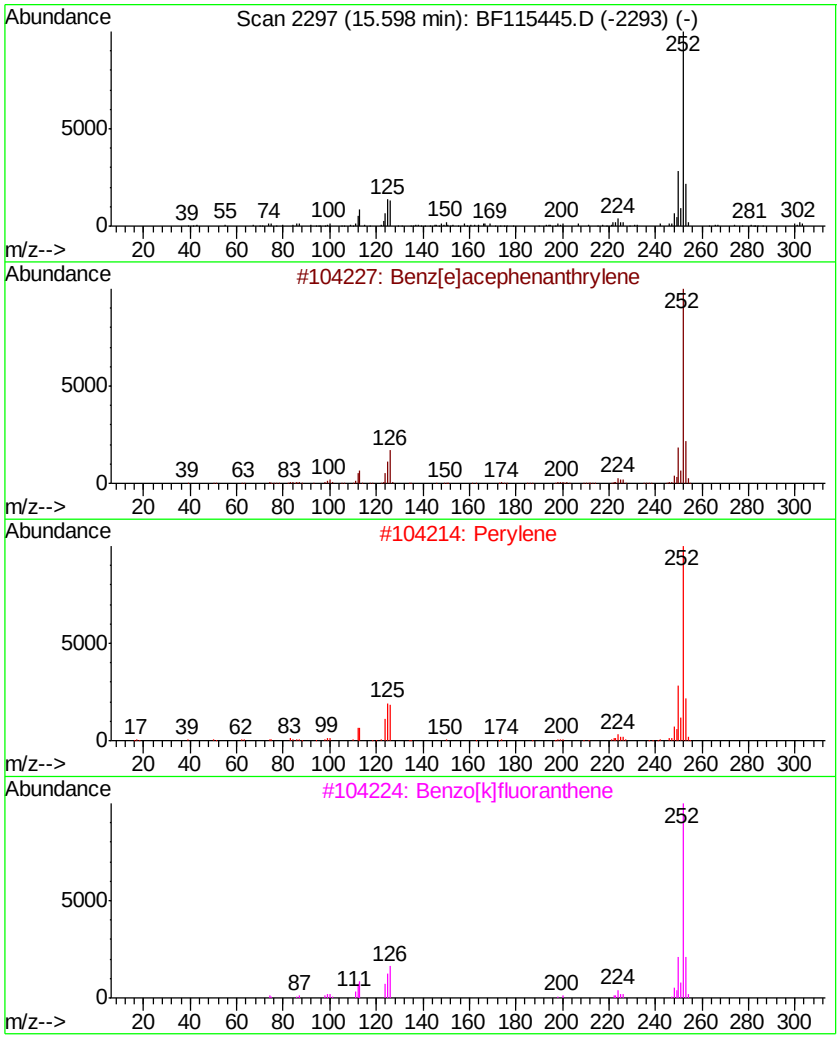
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

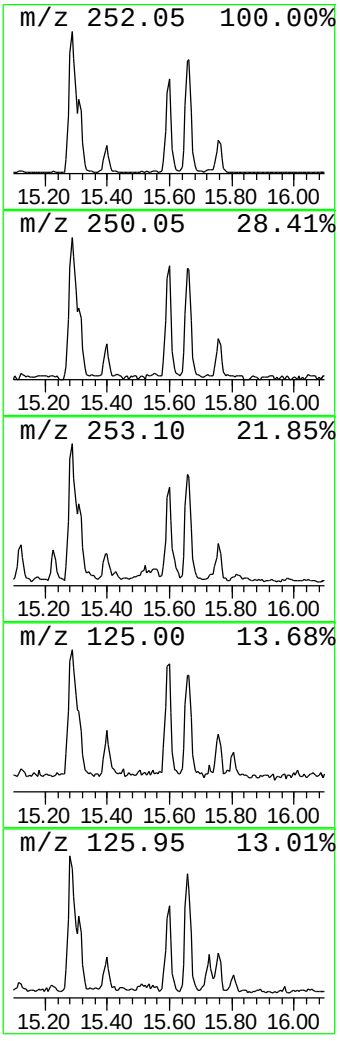
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.14 ng	136096	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

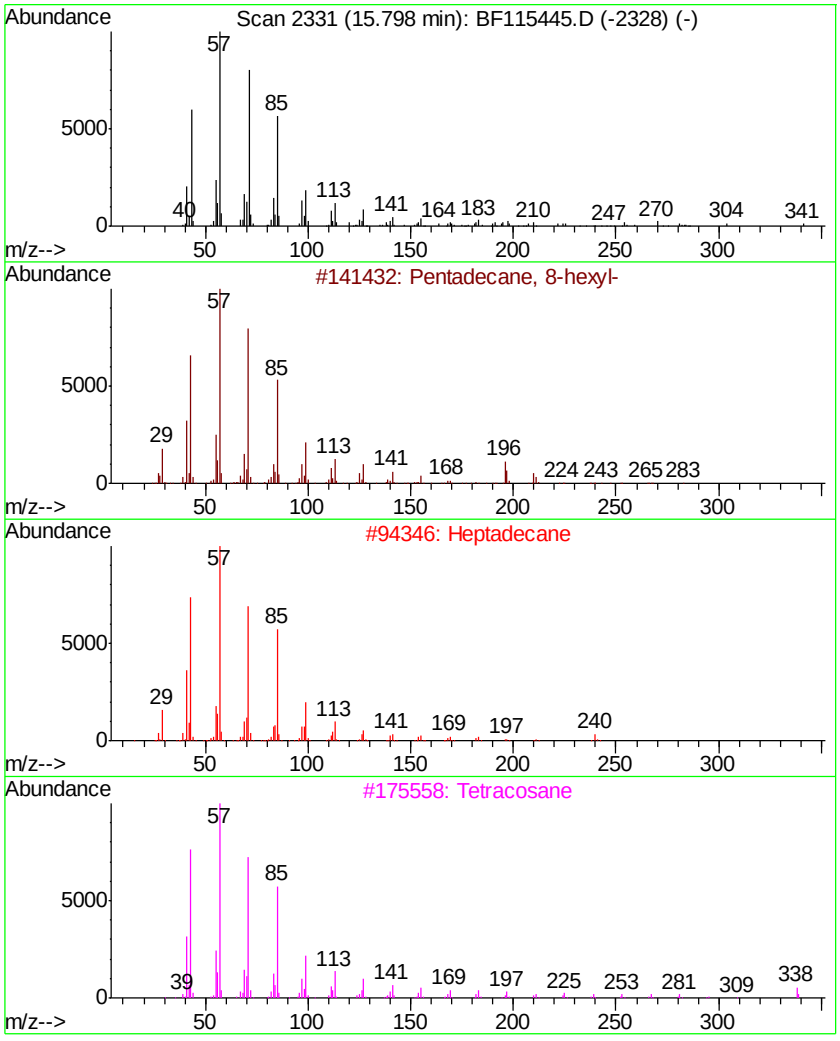
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

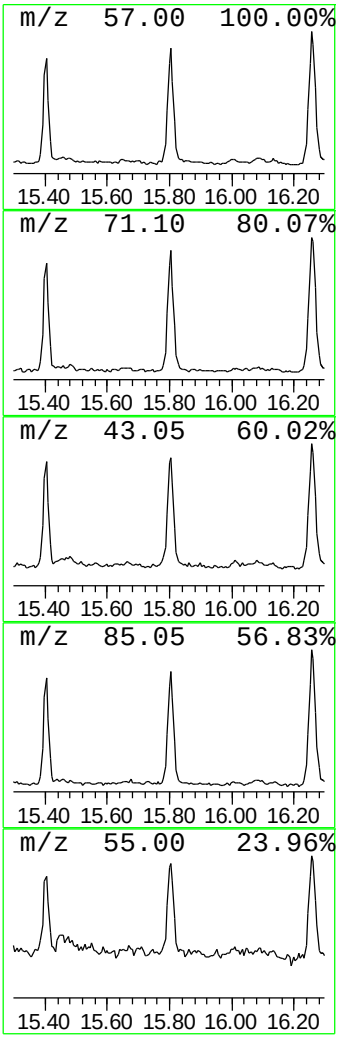
****

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.54 ng	224893	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

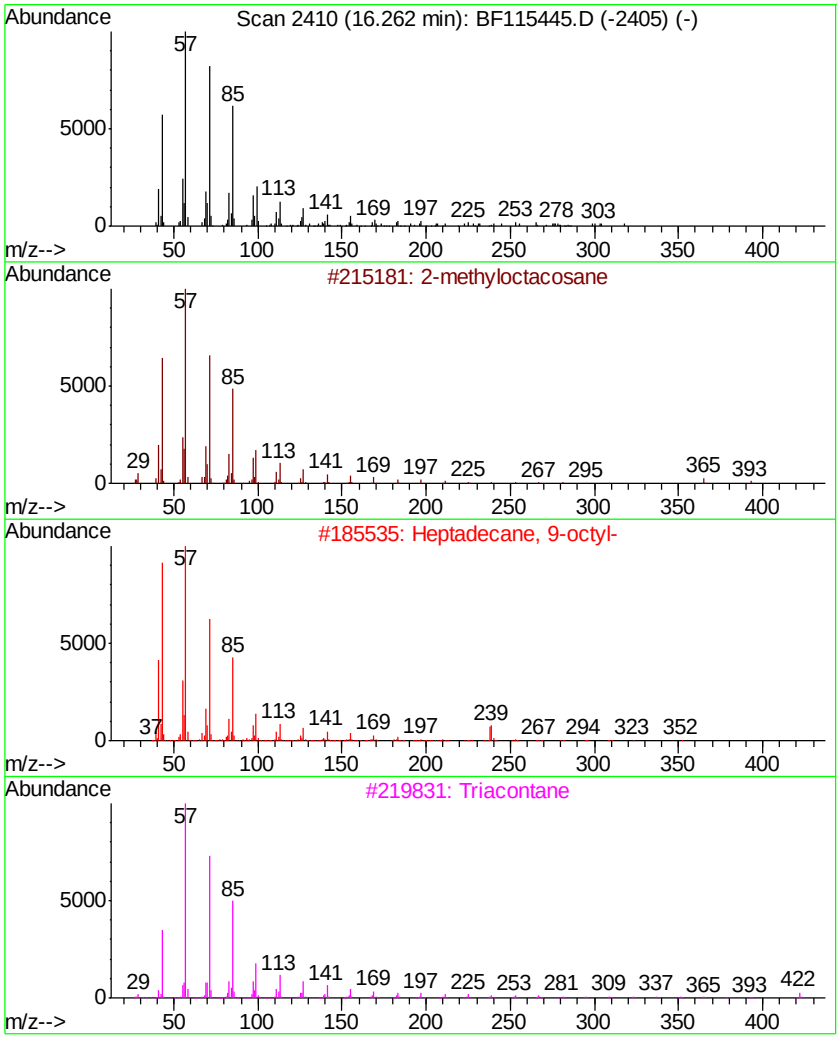
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

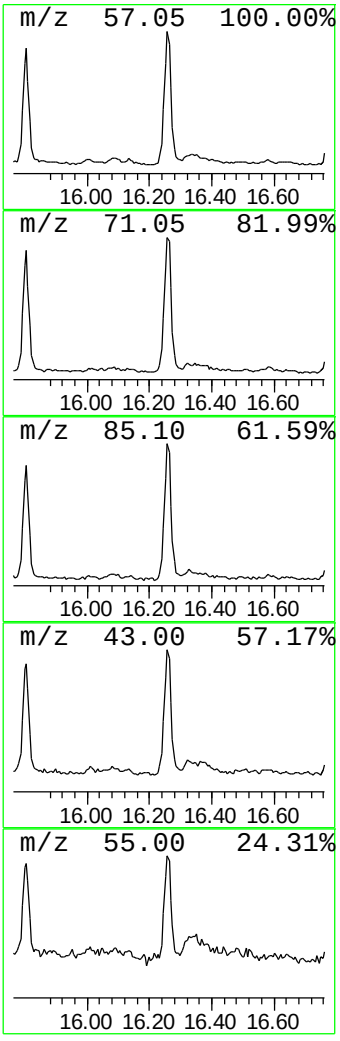
****

Peak Number 10 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	4.44 ng	282241	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

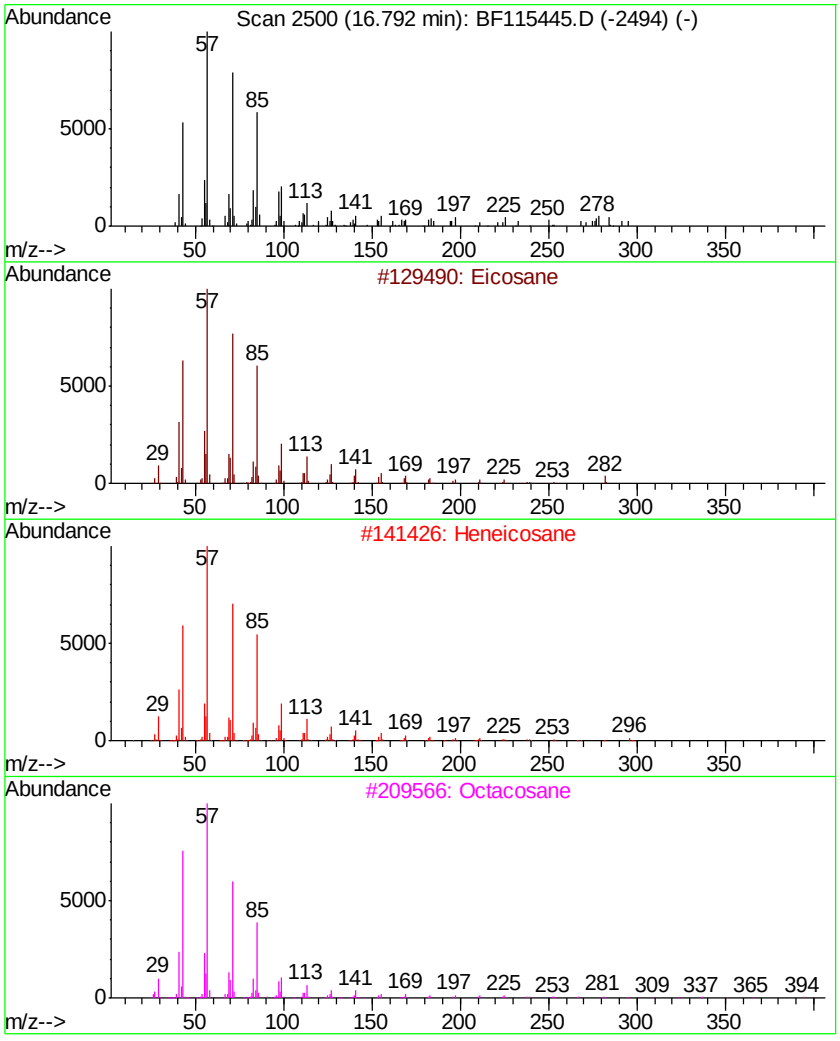
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

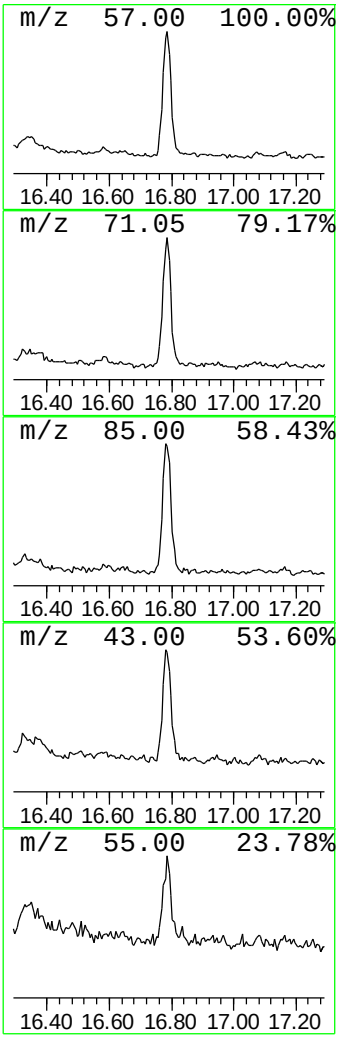
****

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.49 ng	158539	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

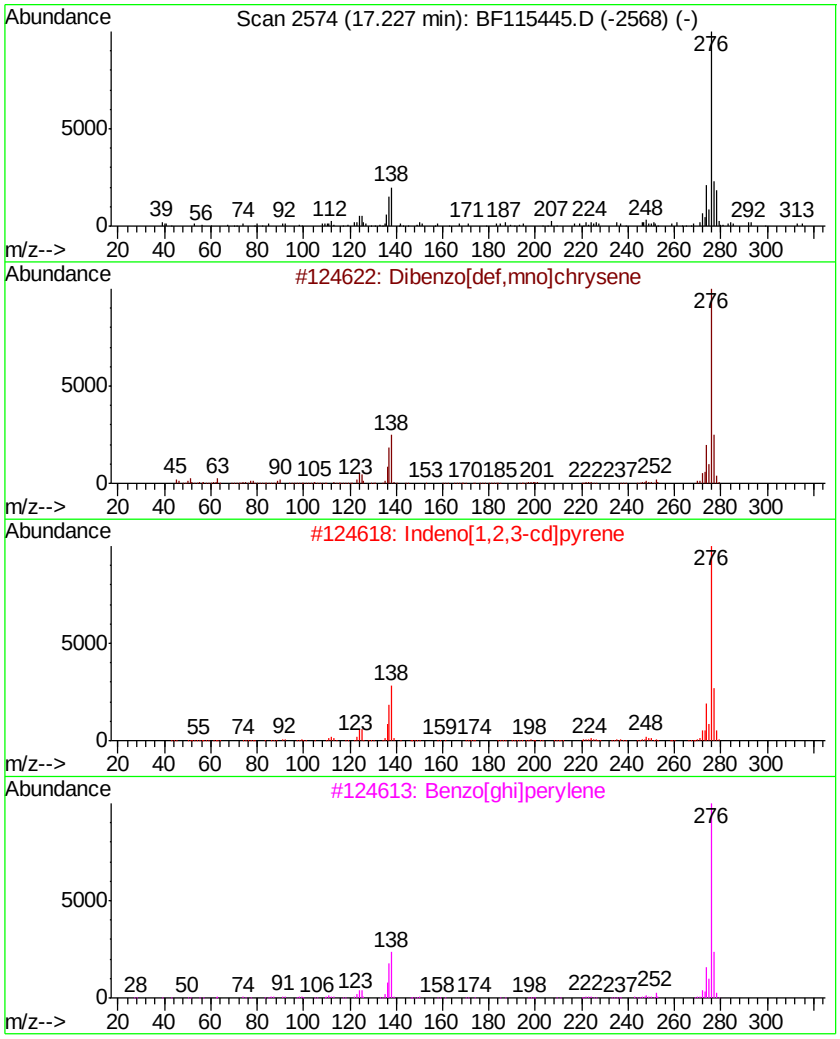
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

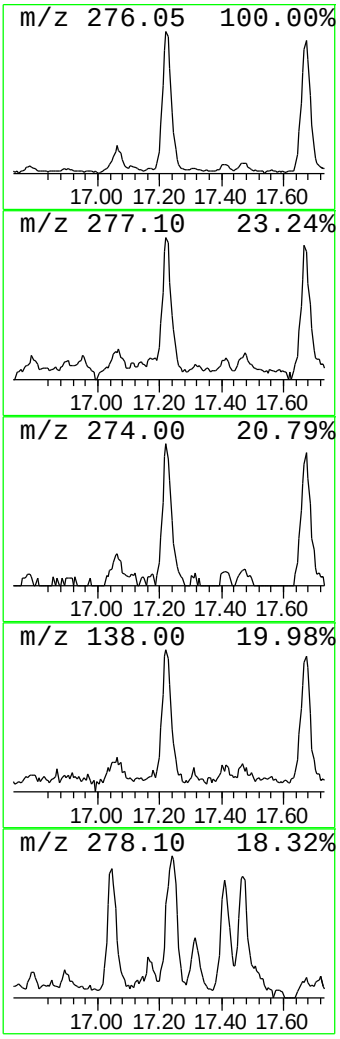
****

Peak Number 12 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.65 ng	168657	Perylene-d12	15.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-015-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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-methoxy...	2.20	37.1	ng	1903590	1	6.89	1026680	20.0
unknown6.66	6.66	64.7	ng	3321360	1	6.89	1026680	20.0
n-Hexadecanoic acid	11.94	3.4	ng	282117	4	11.41	1639030	20.0
Octadecanoic acid	12.73	2.1	ng	172330	4	11.41	1639030	20.0
Behenic alcohol	13.98	7.4	ng	491655	5	14.13	1328570	20.0
Heneicosane	15.40	3.1	ng	196012	6	15.73	1271310	20.0
Benzo[e]pyrene	15.60	2.1	ng	136096	6	15.73	1271310	20.0
Pentadecane, 8-he...	15.80	3.5	ng	224893	6	15.73	1271310	20.0
2-methyloctacosane	16.26	4.4	ng	282241	6	15.73	1271310	20.0
Eicosane	16.79	2.5	ng	158539	6	15.73	1271310	20.0
Dibenzo[def,mno]c...	17.23	2.6	ng	168657	6	15.73	1271310	20.0