LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

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-BF111319.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	2.210	16	21	39	rVB	714213	1062223	21.18%	1.977%
2	5.134	510	518	529	rBV	809916	958070	19.10%	1.783%
3	5.534	581	586	589	rBV	4576647	4104760	81.85%	7.641%
4	6.539	751	757	766	rBV	4371645	4371385	87.16%	8.138%
5	6.687	778	782	785	rBV	5110648	4508063	89.89%	8.392%
6	6.922	818	822	825	rBV	1575664	1398655	27.89%	2.604%
7	7.075	844	848	852	rBV	4181940	3605257	71.89%	6.711%
8	7.481	912	917	920	rBV	3197230	2751097	54.85%	5.121%
9	8.204	1036	1040	1044	rBV	2190126	1789807	35.69%	3.332%
10	9.286	1219	1224	1227	rBV	5717625	5015236	100.00%	9.336%
11	9.675	1287	1290	1295	rBV	654917	527633	10.52%	0.982%
12	9.828	1312	1316	1321	rBV	178663	151465	3.02%	0.282%
13	9.969	1336	1340	1343	rBV	2390798	1922707	38.34%	3.579%
14	10.757	1469	1474	1477	rBV	3475387	2992475	59.67%	5.571%
15	10.880	1491	1495	1498	rVB3	35008	54484	1.09%	0.101%
16	11.457	1589	1593	1596	rBV	1971067	1771314	35.32%	3.297%
17	11.480	1596	1597	1601	rVV	304988	201237	4.01%	0.375%
18	11.533	1601	1606	1609	rVB	99997	109242	2.18%	0.203%
19	11.980	1679	1682	1690	rVB2	687375	635321	12.67%	1.183%
20	12.074	1695	1698	1700	rBV2	93052	101940	2.03%	0.190%
21	12.510	1770	1772	1775	rBV	66086	65033	1.30%	0.121%
22	12.545	1775	1778	1784	rVB2	57309	78826	1.57%	0.147%
23	12.674	1797	1800	1805	rBV	665987	571761	11.40%	1.064%
24	12.769	1813	1816	1824	rBV	361822	371854	7.41%	0.692%
25	12.904	1831	1839	1845	rVB	672462	685574	13.67%	1.276%
26	13.051	1859	1864	1867	rBV	4127548	3753089	74.83%	6.987%
27	13.121	1873	1876	1880	rBV2	70564	98759	1.97%	0.184%
28	13.233	1893	1895	1898	rVB	112440	84660	1.69%	0.158%
29	13.339	1910	1913	1916	rVB2	87661	77251	1.54%	0.144%
30	13.433	1926	1929	1931	rVB	67456	55792	1.11%	0.104%
31	13.539	1944	1947	1954	rVB	199720	202562	4.04%	0.377%
32	13.739	1979	1981	1987	rVB	70264	81477	1.62%	0.152%
33	13.904	2007	2009	2013	rBV2	61511	78704	1.57%	0.147%
34	13.951	2014	2017	2027	rVB2	237540	385326	7.68%	0.717%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.110	2038	2044	2046	rBV2	1620445	2001147	39.90%	3.725%
36	14.133	2046	2048	2051	rVB	399613	301200	6.01%	0.561%
37	14.268	2069	2071	2077	rVB3	132204	156834	3.13%	0.292%
38	14.492	2107	2109	2112	rVB	116651	94808	1.89%	0.176%
39	14.527	2113	2115	2119	rVB	72328	57073	1.14%	0.106%
40	14.574	2121	2123	2128	rBV3	150824	180045	3.59%	0.335%
41	14.892	2173	2177	2181	rBV2	254648	341986	6.82%	0.637%
42	14.974	2189	2191	2194	rBV2	93061	93144	1.86%	0.173%
43	15.168	2220	2224	2227	rBV	642806	929789	18.54%	1.731%
44	15.251	2235	2238	2241	rBV	227556	248435	4.95%	0.462%
45	15.280	2241	2243	2248	rVB	138959	147796	2.95%	0.275%
46	15.486	2274	2278	2284	rVB	381698	506660	10.10%	0.943%
47	15.551	2285	2289	2295	rVV	593272	738291	14.72%	1.374%
48	15.615	2296	2300	2304	rVV	1213235	1654941	33.00%	3.081%
49	15.651	2304	2306	2312	rVB3	343643	421685	8.41%	0.785%
50	16.115	2381	2385	2390	rBV	159004	241288	4.81%	0.449%
51	17.139	2555	2559	2569	rVB2	266918	565381	11.27%	1.052%
52	17.603	2633	2638	2650	rVB	201774	415213	8.28%	0.773%

Sum of corrected areas: 53718755

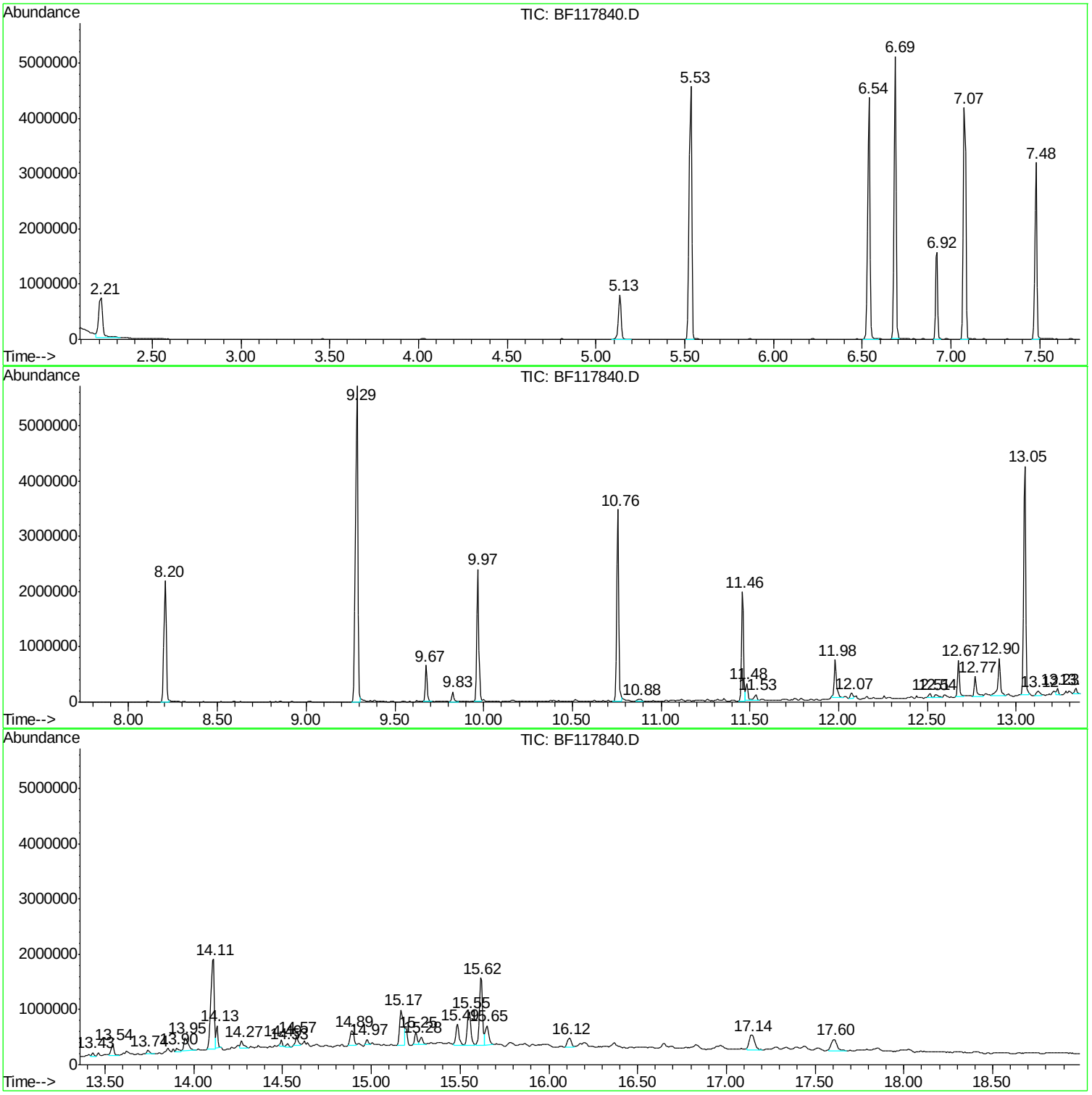
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

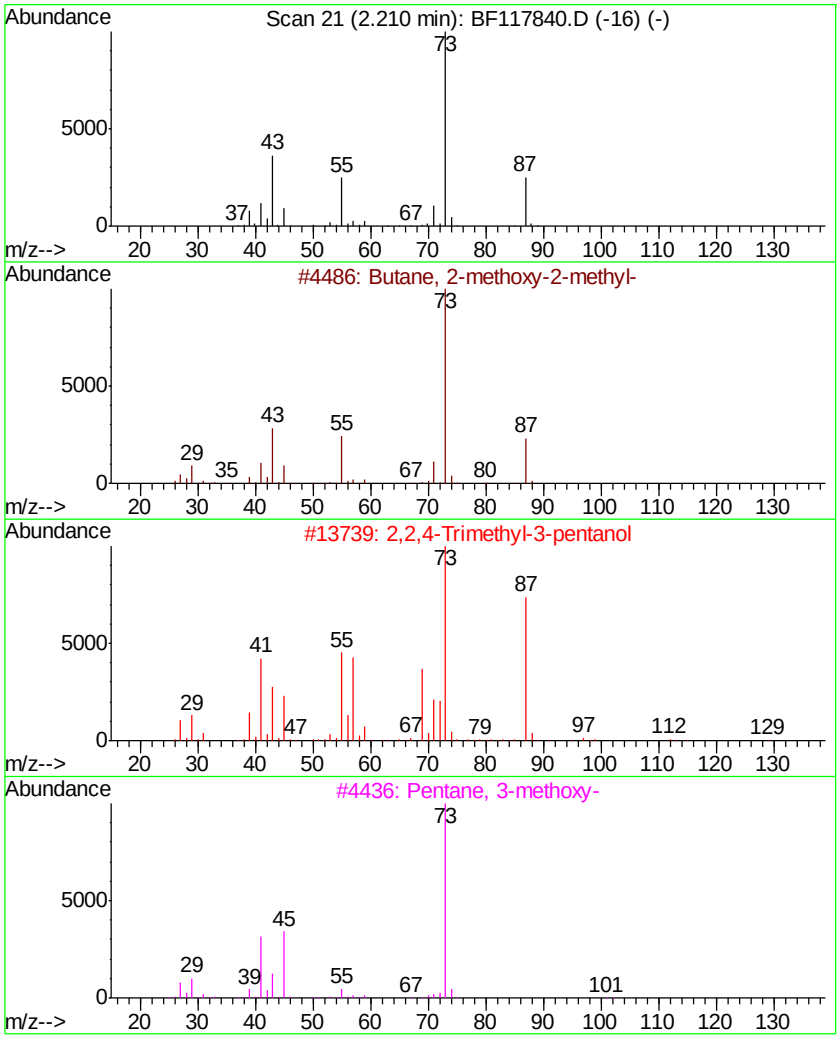
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

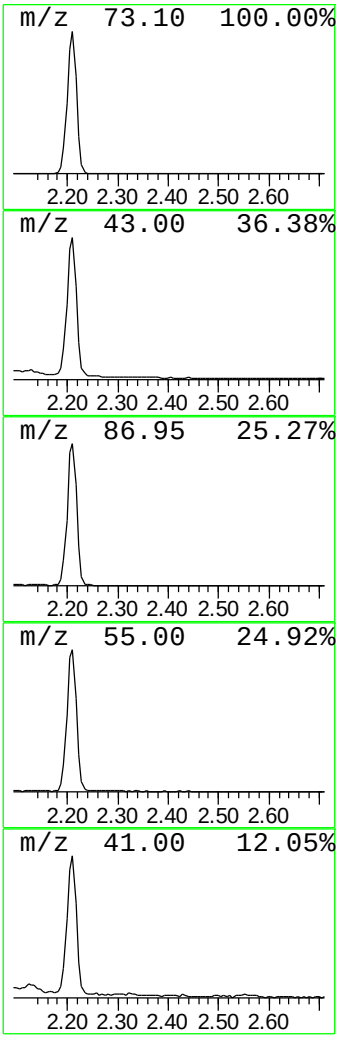
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	15.19 ng	1062220	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

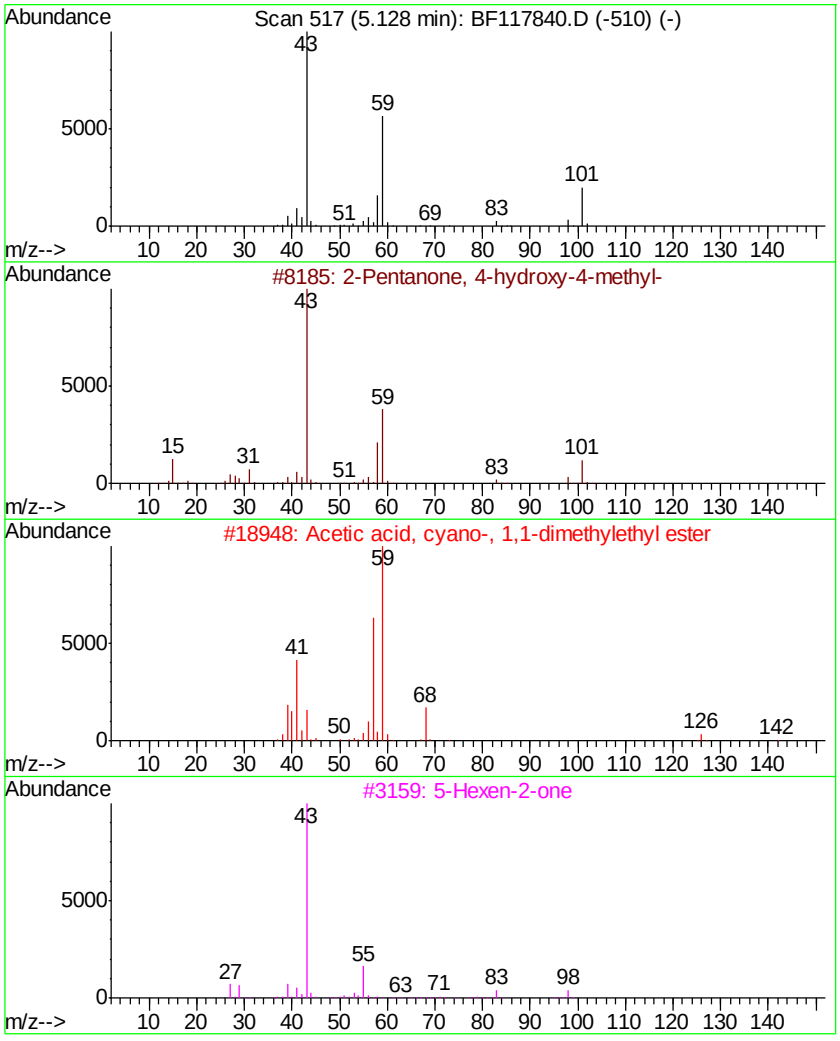
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

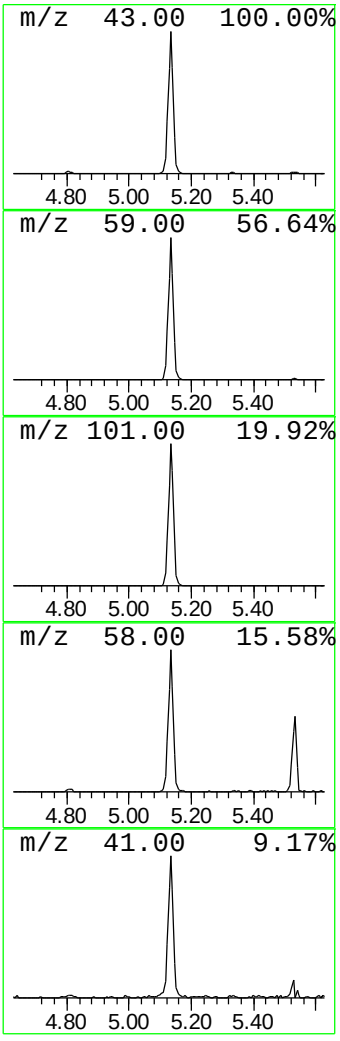
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	13.70 ng	958070	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

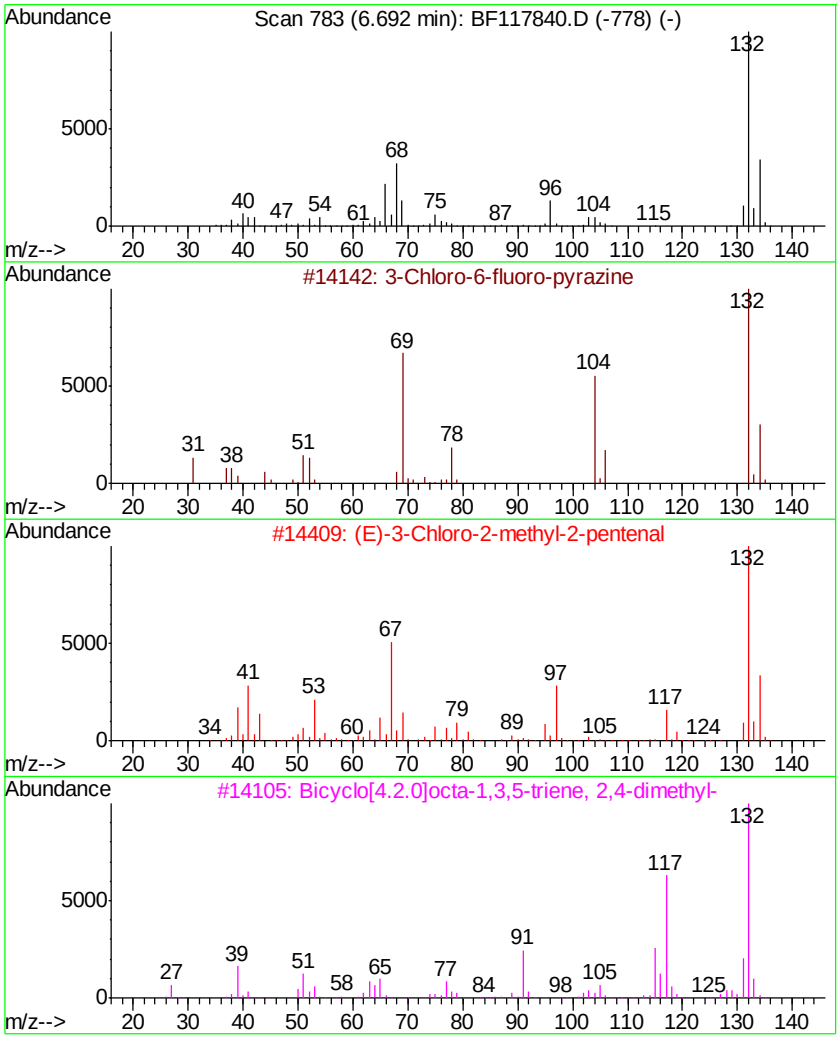
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

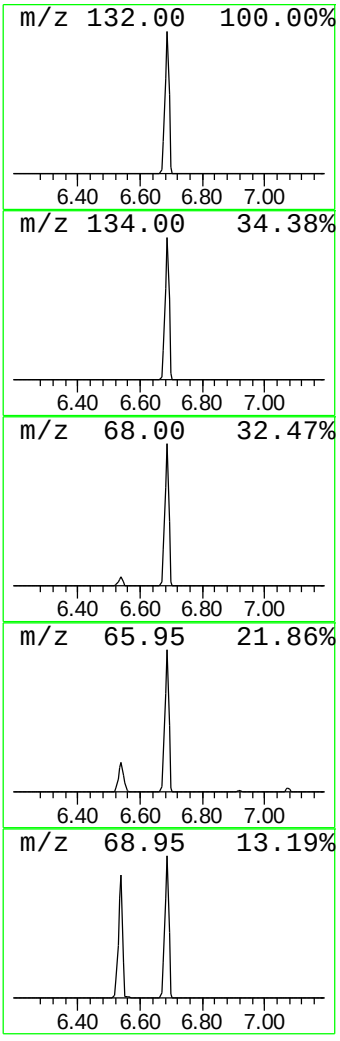
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	64.46 ng	4508060	1,4-Dichlorobenzene-d4	6.92

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

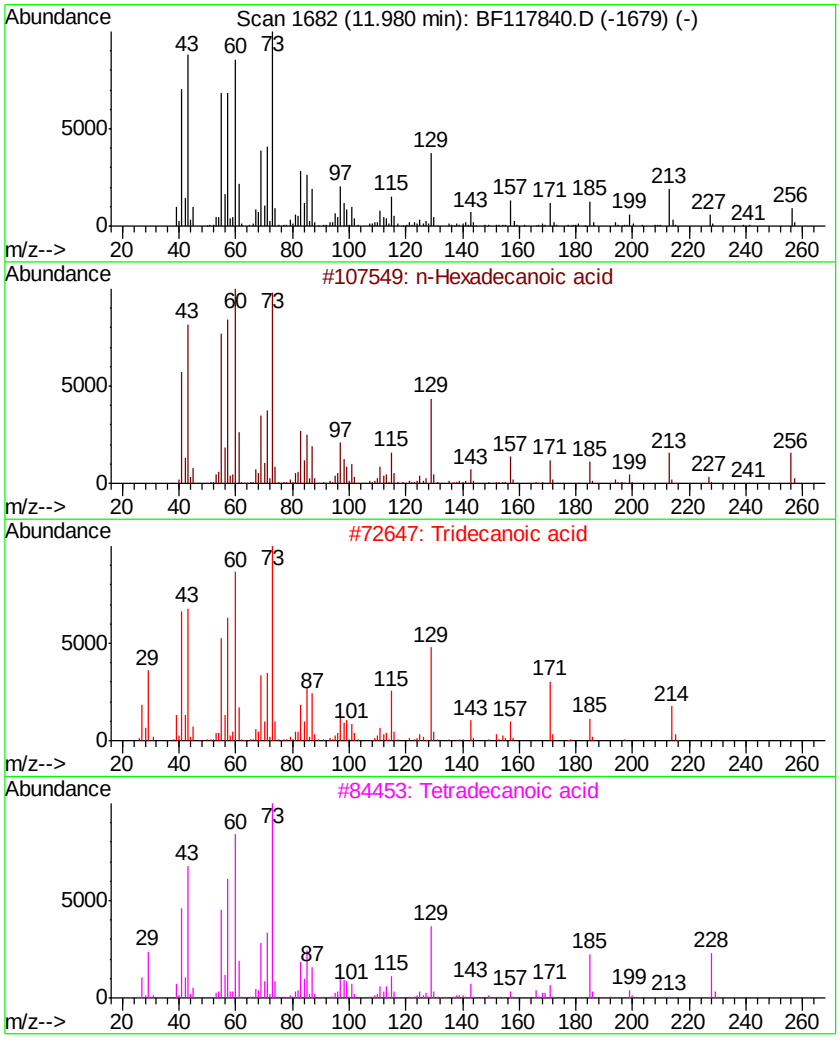
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

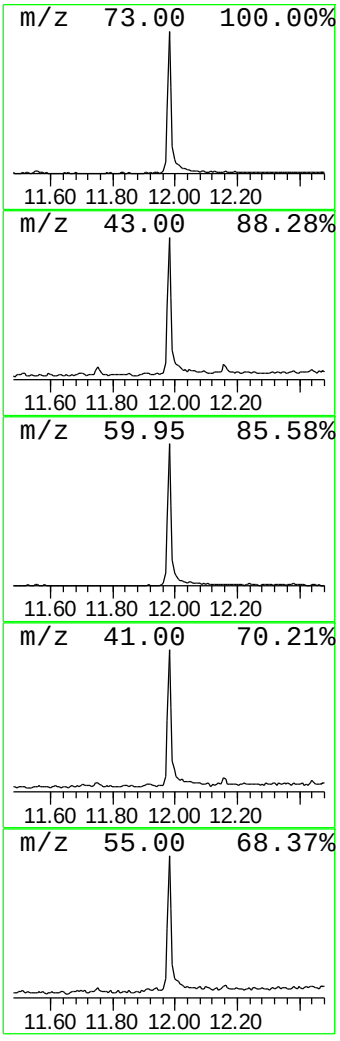
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.17 ng	635321	Phenanthrene-d10	11.46

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

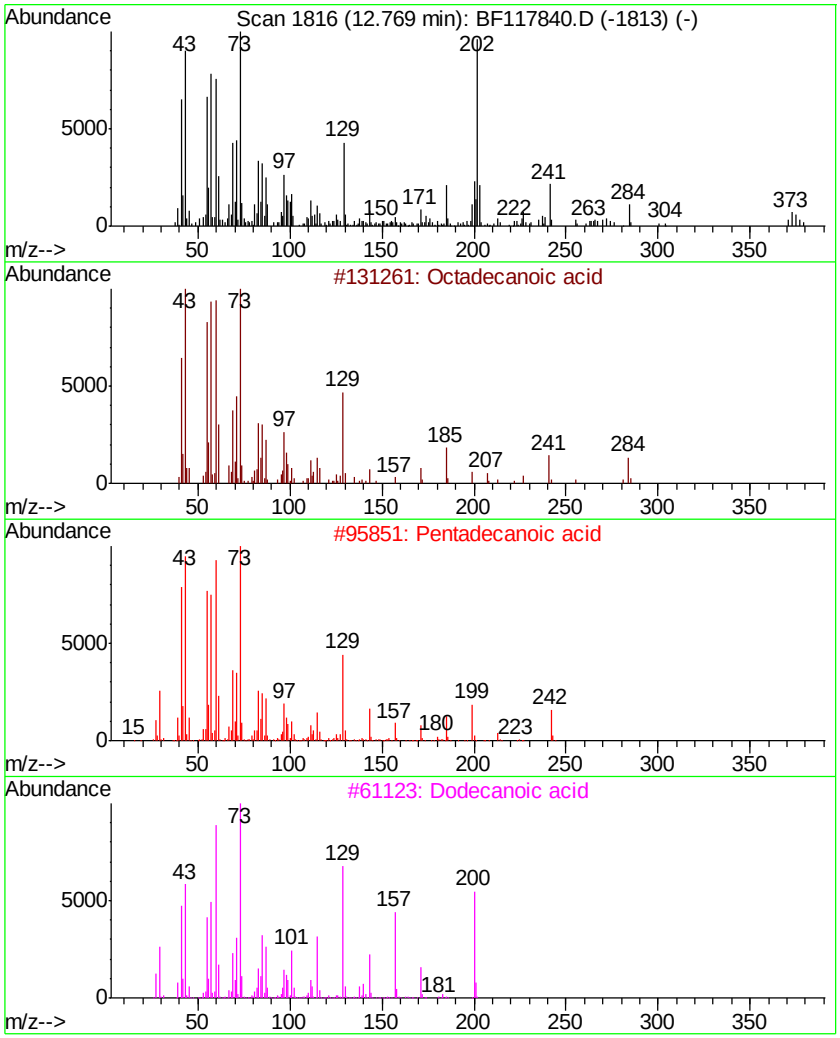
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

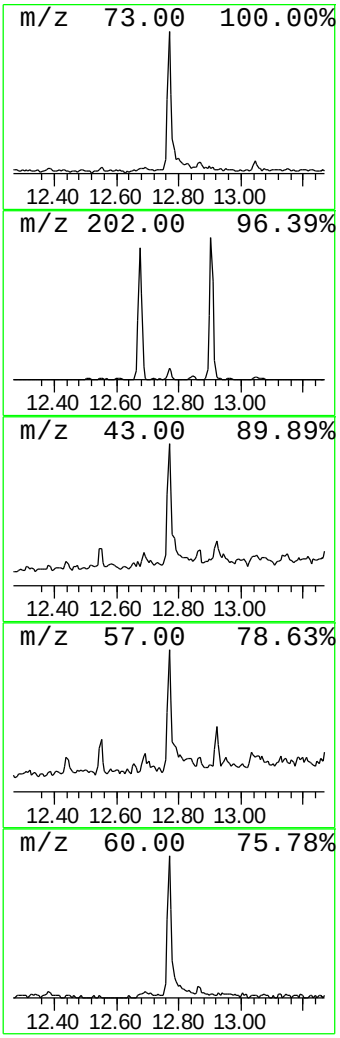
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.20 ng	371854	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	84
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	Fluoranthene	202	C16H10	000206-44-0	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

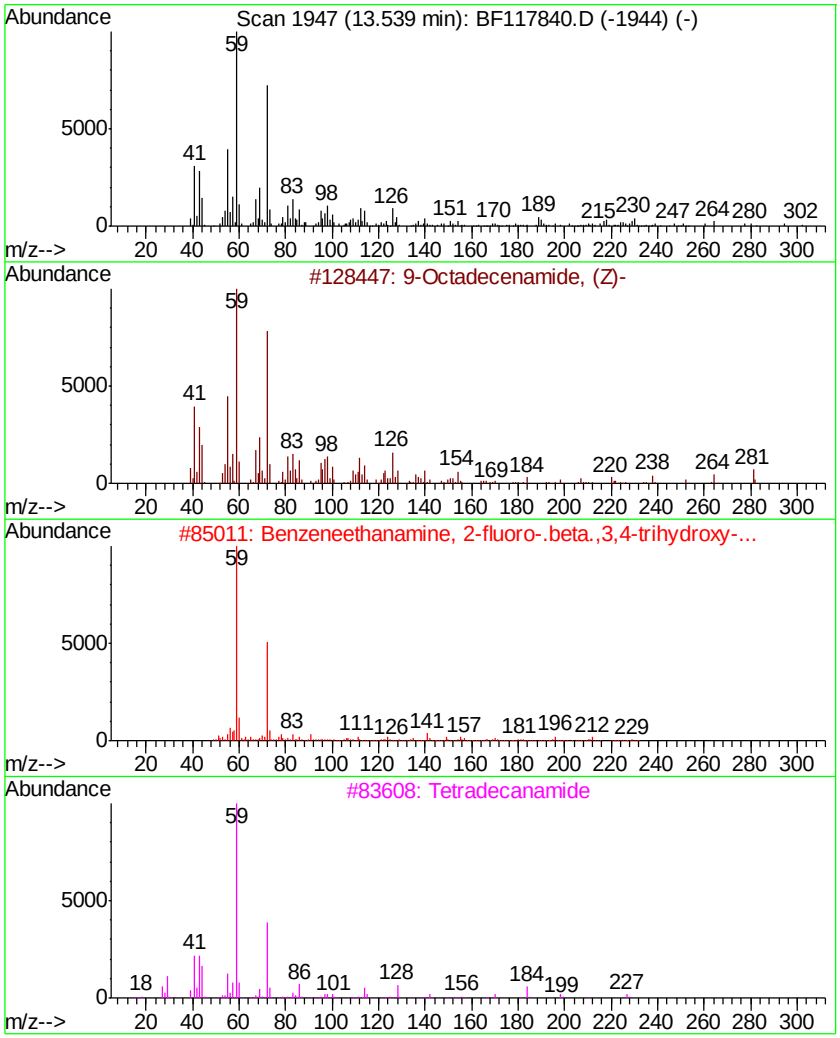
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

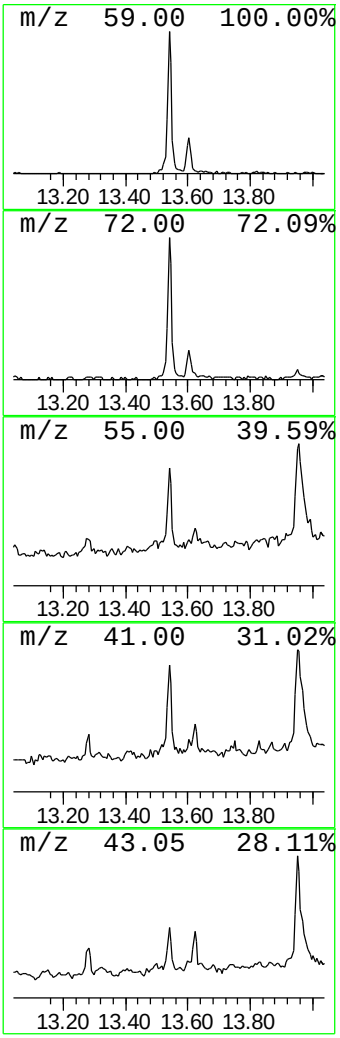
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.02 ng	202562	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Nonanamide	157	C9H19NO	001120-07-6	47
5	Silane, (chloromethyl)dimethyl-	108	C3H9ClSi	003144-74-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

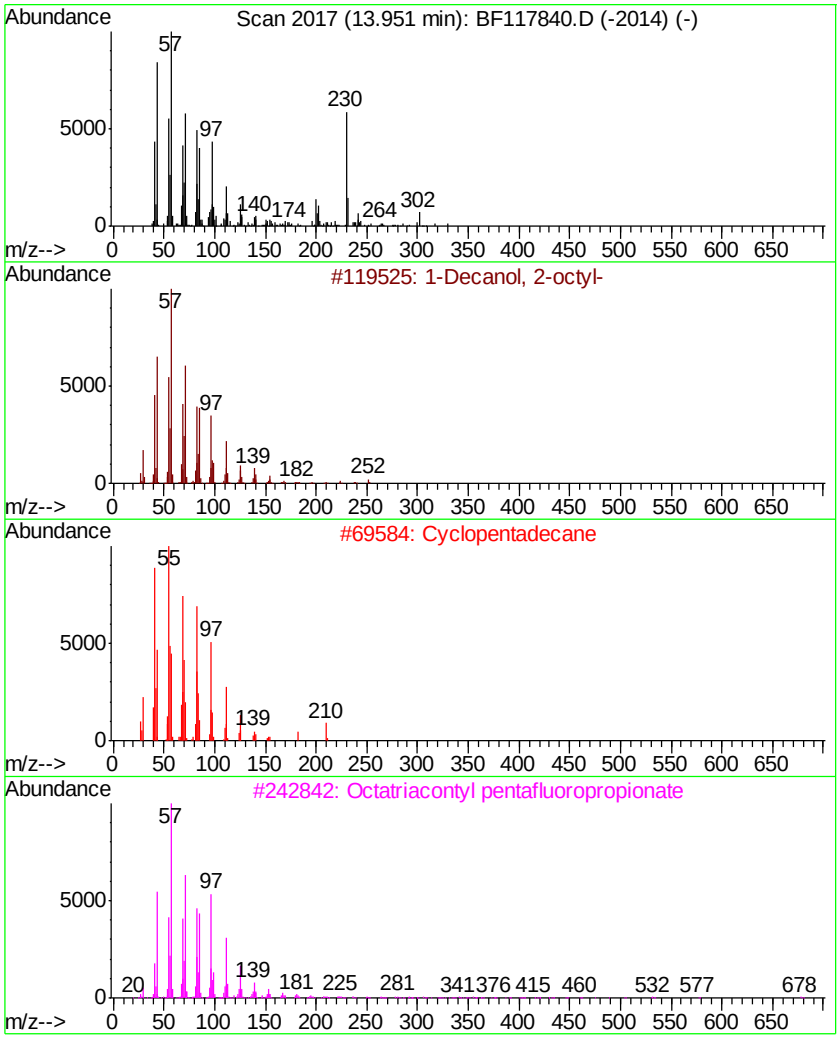
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

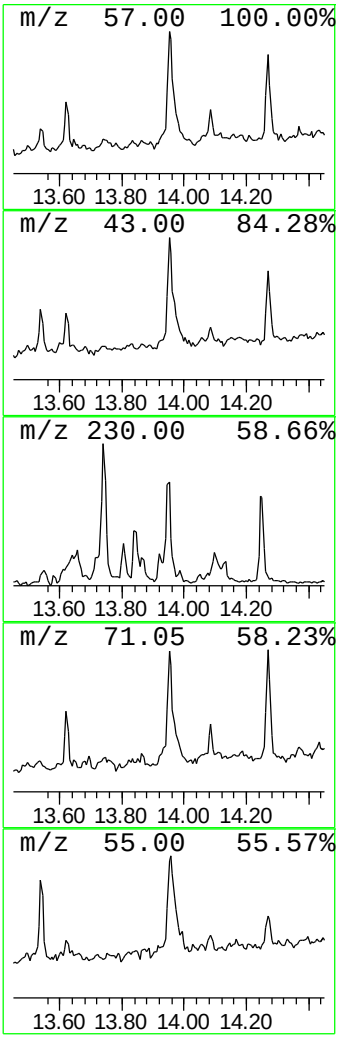
****

Peak Number 9 1-Decanol, 2-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.85 ng	385326	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	70
2	Cyclopentadecane	210	C15H30	000295-48-7	62
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	62
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	62
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

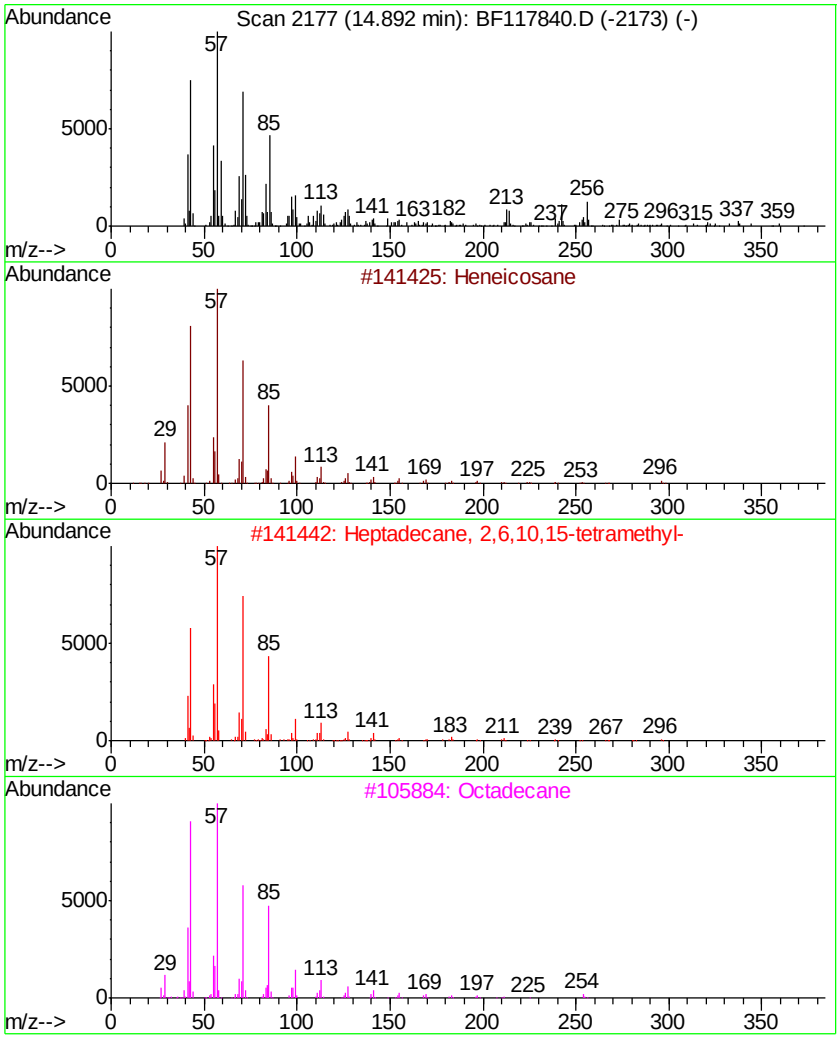
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

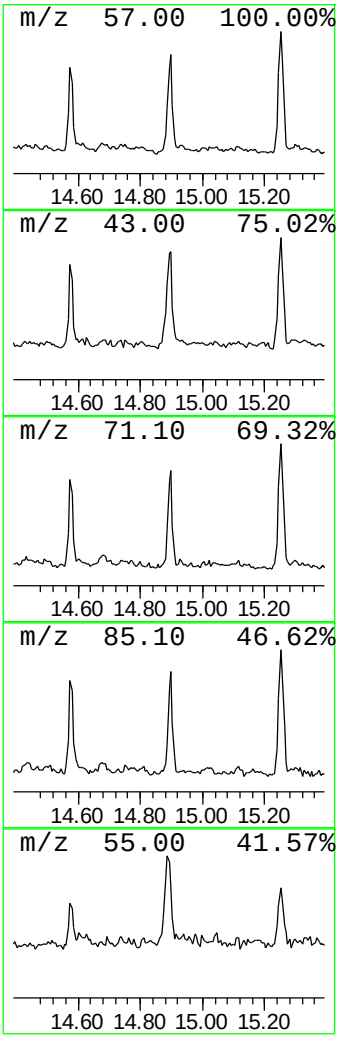
****

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.13 ng	341986	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Octadecane	254	C18H38	000593-45-3	78
4	Tetracosane	338	C24H50	000646-31-1	70
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

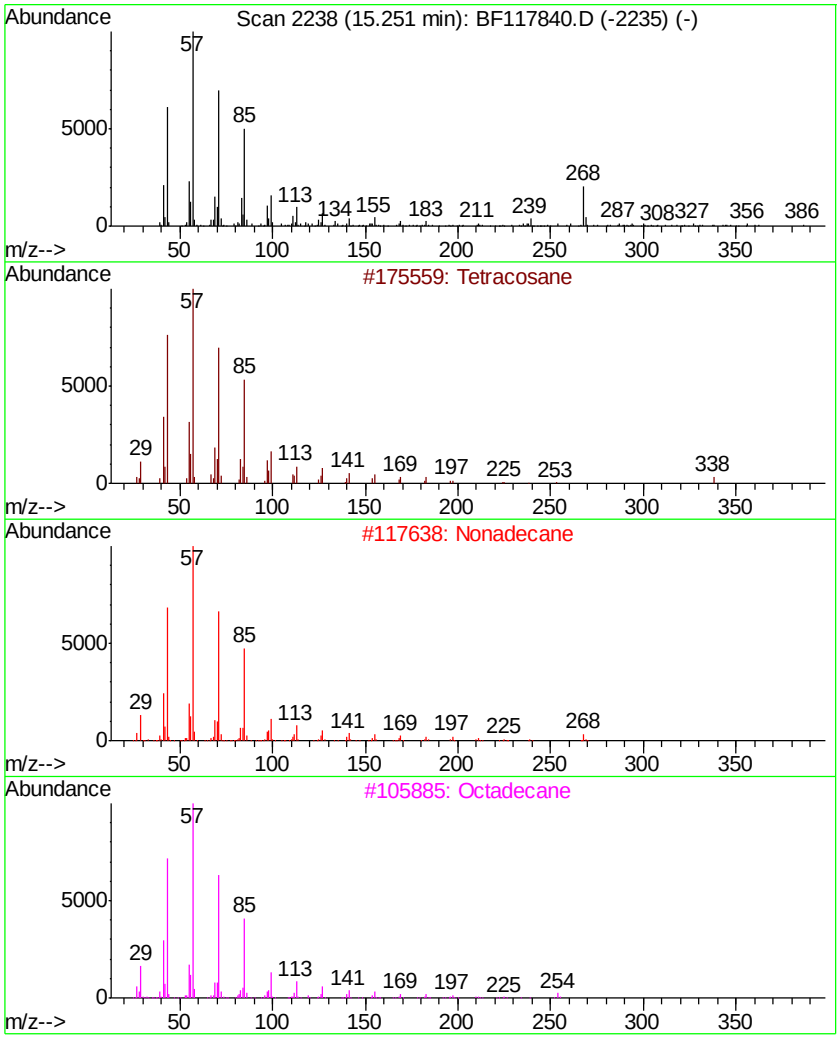
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

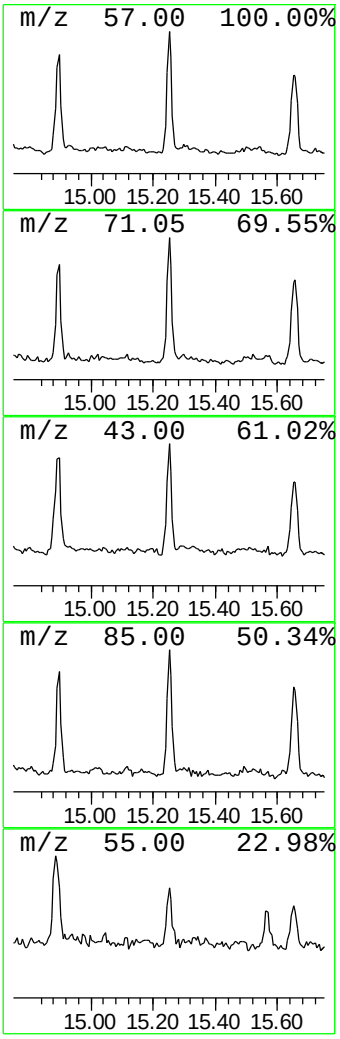
****

Peak Number 11 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.00 ng	248435	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

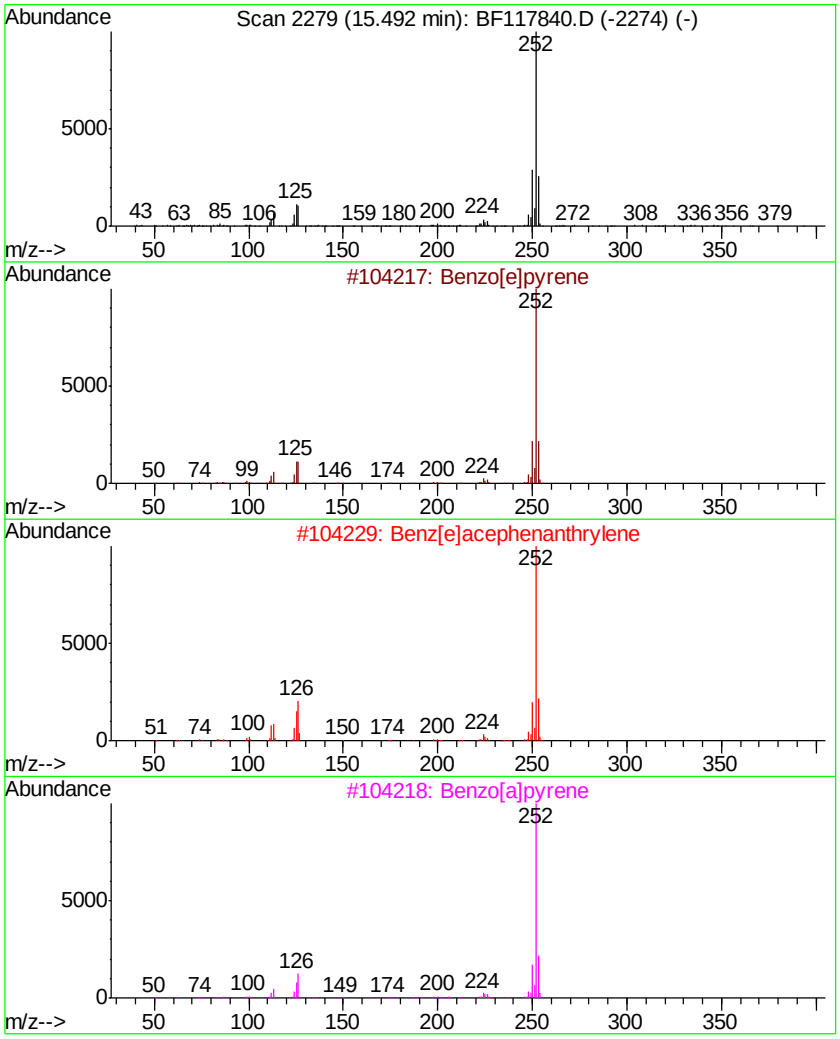
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

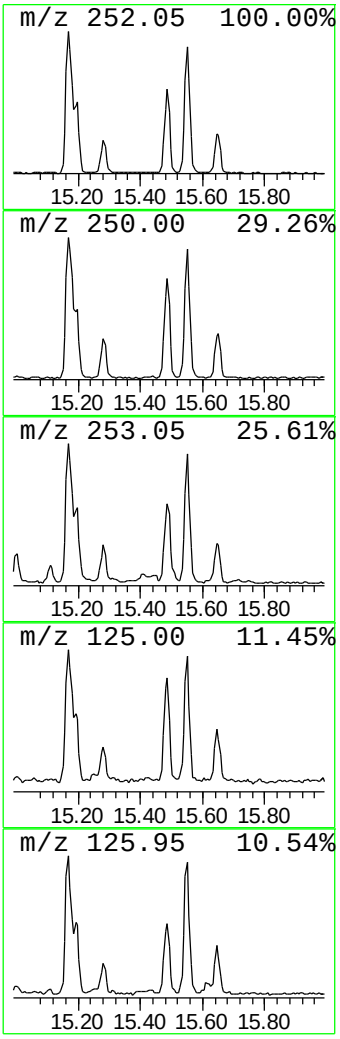
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.12 ng	506660	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

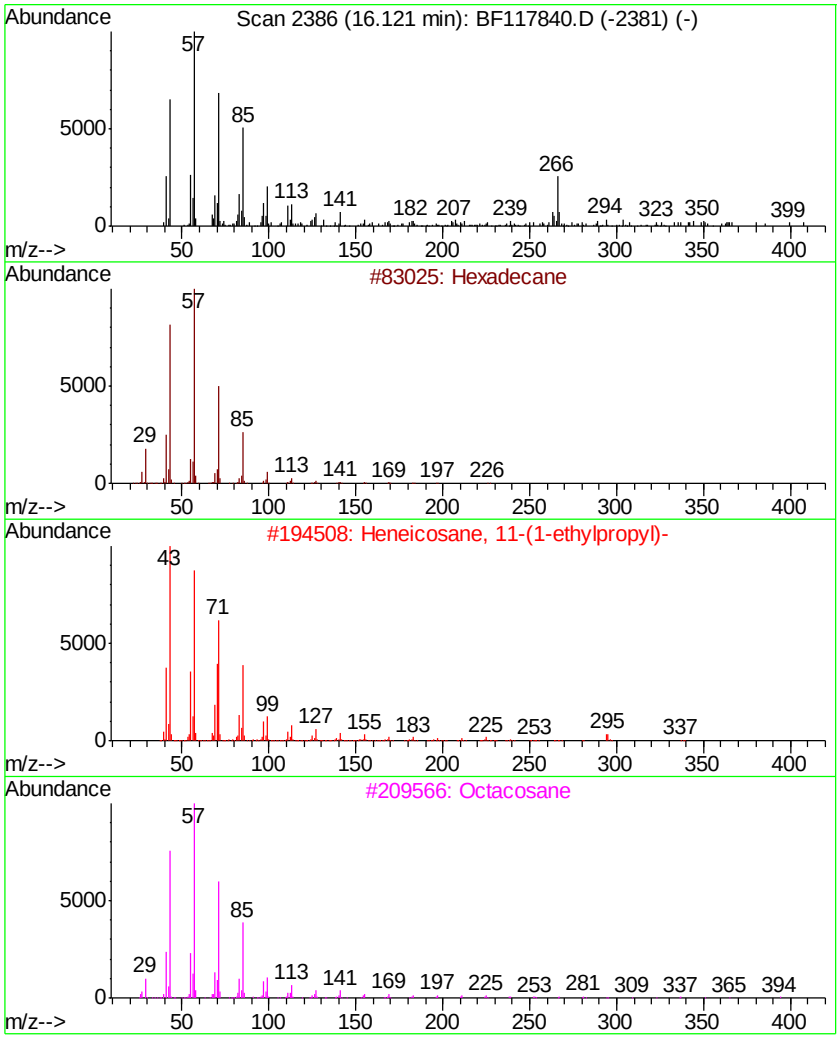
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

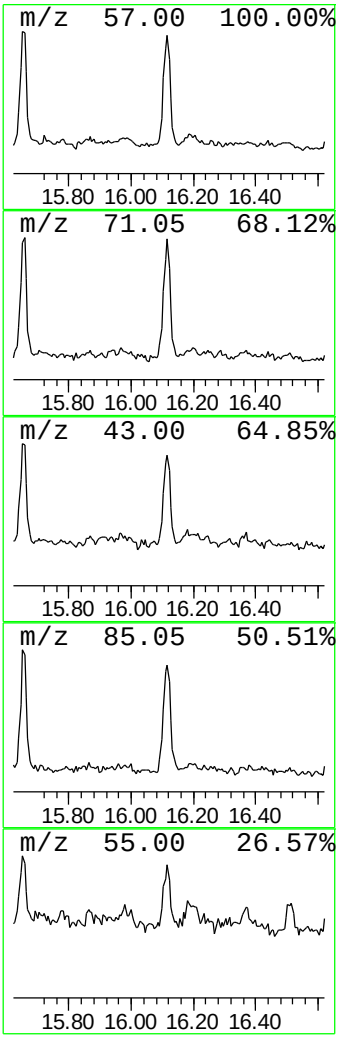
****

Peak Number 13 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.92 ng	241288	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Hentriacontane	437	C31H64	000630-04-6	68
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111819\
Data File : BF117840.D
Acq On : 18 Nov 2019 17:30
Operator : JU
Sample : K5669-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.21	15.2	ng	1062220	1	6.92	1398660	20.0
2-Pentanone, 4-hy...	5.13	13.7	ng	958070	1	6.92	1398660	20.0
unknown6.69	6.69	64.5	ng	4508060	1	6.92	1398660	20.0
n-Hexadecanoic acid	11.98	7.2	ng	635321	4	11.46	1771310	20.0
Octadecanoic acid	12.77	4.2	ng	371854	4	11.46	1771310	20.0
9-Octadecenamide,...	13.54	2.0	ng	202562	5	14.11	2001150	20.0
1-Decanol, 2-octyl-	13.95	3.9	ng	385326	5	14.11	2001150	20.0
Heneicosane	14.89	4.1	ng	341986	6	15.62	1654940	20.0
Tetracosane	15.25	3.0	ng	248435	6	15.62	1654940	20.0
Benzo[e]pyrene	15.49	6.1	ng	506660	6	15.62	1654940	20.0
Hexadecane	16.12	2.9	ng	241288	6	15.62	1654940	20.0