LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

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-BF082319.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	2.251	21	28	42	rVB	2012443	2878027	84.46%	8.956%
2	5.510	577	582	585	rBV	2627051	2868311	84.18%	8.926%
3	6.510	746	752	755	rBV	2684453	3148116	92.39%	9.797%
4	6.657	771	777	780	rBV	3225894	3105350	91.13%	9.664%
5	6.881	812	815	819	rBV	941453	867608	25.46%	2.700%
6	7.039	838	842	846	rBV	2546679	2482454	72.85%	7.725%
7	7.439	904	910	913	rBV	1875431	1942417	57.00%	6.045%
8	8.163	1028	1033	1036	rBV	1326168	1099051	32.25%	3.420%
9	9.239	1210	1216	1219	rBV	3866434	3407548	100.00%	10.604%
10	9.622	1278	1281	1285	rBV	347333	283312	8.31%	0.882%
11	9.857	1318	1321	1324	rVB2	49929	39914	1.17%	0.124%
12	9.916	1324	1331	1334	rBV	1463385	1165185	34.19%	3.626%
13	10.698	1460	1464	1467	rBV	1599155	1369438	40.19%	4.262%
14	11.398	1579	1583	1585	rBV	1166679	979736	28.75%	3.049%
15	11.421	1585	1587	1590	rVV	266768	206615	6.06%	0.643%
16	11.469	1590	1595	1598	rVB	79615	83677	2.46%	0.260%
17	11.921	1670	1672	1676	rVB2	167498	132871	3.90%	0.413%
18	12.010	1684	1687	1689	rBV2	56439	61593	1.81%	0.192%
19	12.604	1785	1788	1792	rBV	350040	315927	9.27%	0.983%
20	12.704	1803	1805	1808	rBV3	37175	37931	1.11%	0.118%
21	12.833	1822	1827	1831	rBV	326013	309688	9.09%	0.964%
22	12.980	1848	1852	1855	rBV	2508703	2159658	63.38%	6.721%
23	13.668	1966	1969	1974	rVB2	34220	52509	1.54%	0.163%
24	13.780	1984	1988	1991	rBV2	32358	44765	1.31%	0.139%
25	13.874	2001	2004	2011	rVB2	253313	294601	8.65%	0.917%
26	14.027	2025	2030	2033	rBV2	714105	851533	24.99%	2.650%
27	14.051	2033	2034	2040	rVB	144211	135118	3.97%	0.420%
28	14.509	2109	2112	2115	rVB3	57337	59338	1.74%	0.185%
29	14.815	2161	2164	2168	rVB	53887	55853	1.64%	0.174%
30	14.892	2174	2177	2183	rVB2	57184	62457	1.83%	0.194%
31	15.068	2203	2207	2210	rBV	122731	193289	5.67%	0.601%
32	15.156	2218	2222	2232	rVB2	77689	127365	3.74%	0.396%
33	15.368	2255	2258	2264	rVB	74969	92057	2.70%	0.286%
34	15.427	2265	2268	2274	rVB	97729	122072	3.58%	0.380%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

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-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.498	2275	2280	2283	rVV	498945	623942	18.31%	1.942%
36	15.539	2283	2287	2293	rVB3	90830	146121	4.29%	0.455%
37	15.980	2358	2362	2367	rVB2	68299	96271	2.83%	0.300%
38	16.492	2444	2449	2452	rBV2	43323	79693	2.34%	0.248%
39	16.956	2523	2528	2534	rVB3	45269	85347	2.50%	0.266%
40	17.392	2599	2602	2613	rVB	32829	67991	2.00%	0.212%

Sum of corrected areas: 32134749

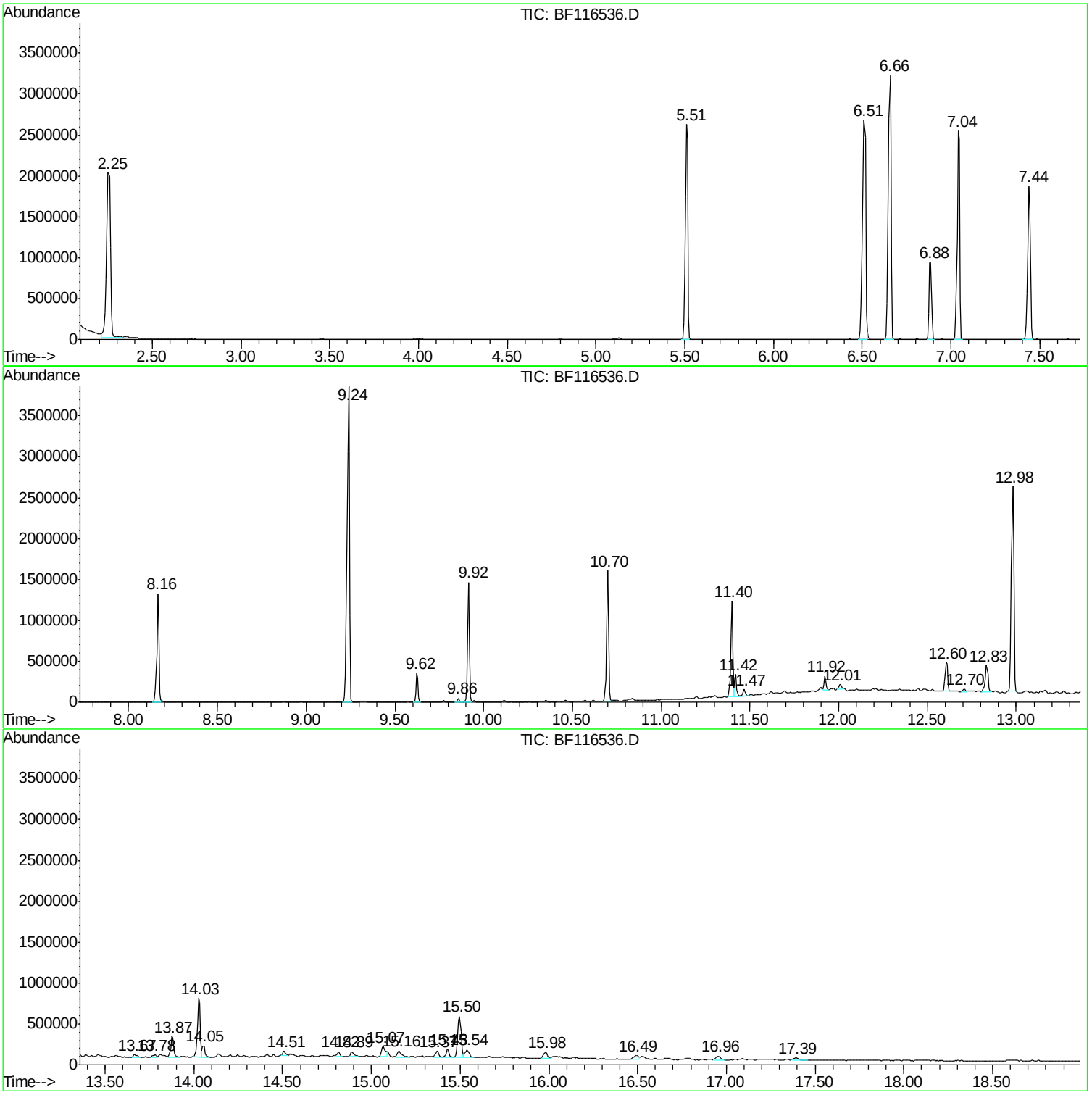
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

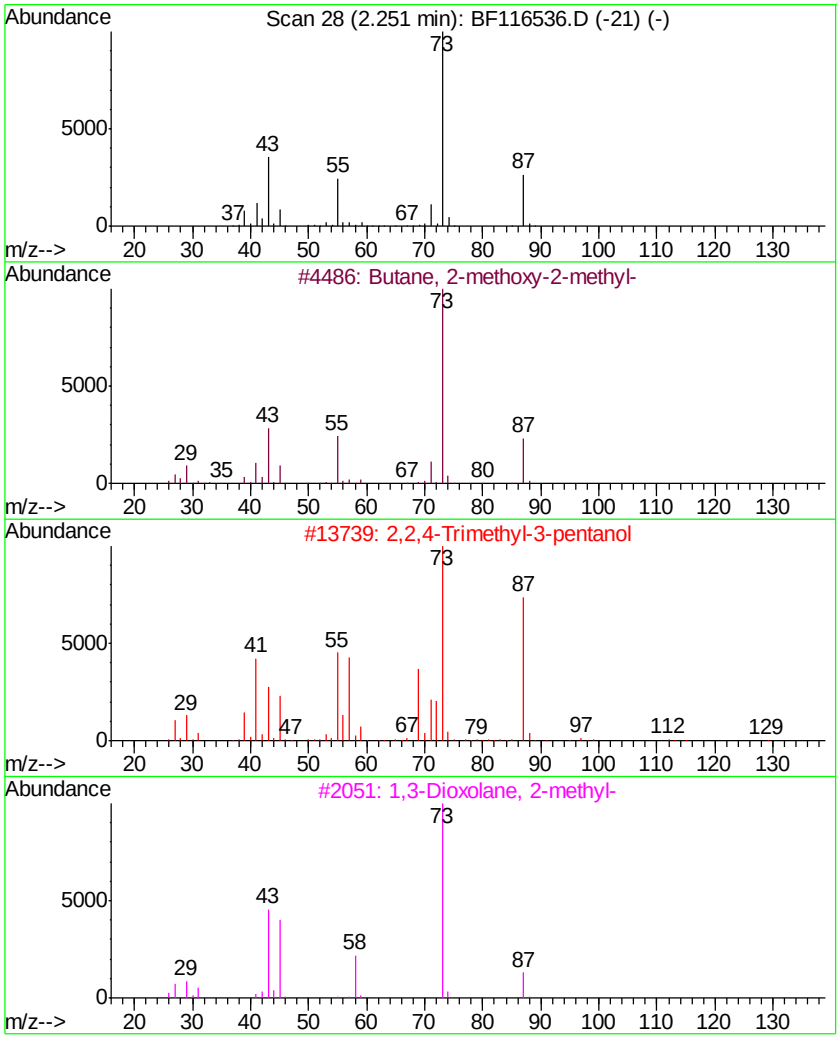
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

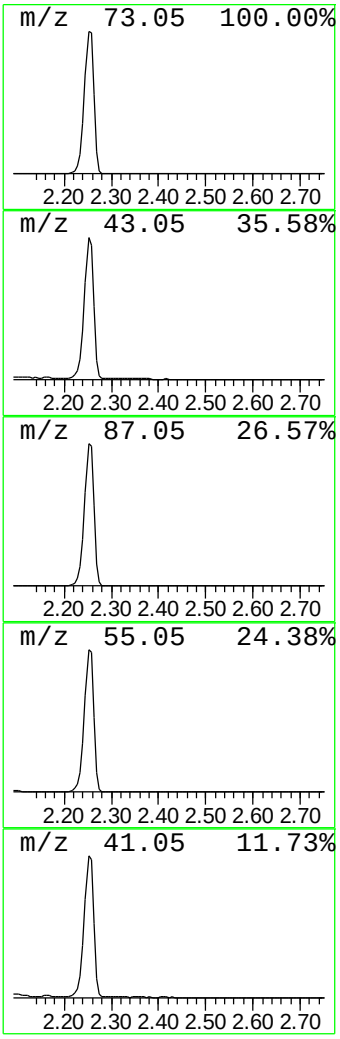
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	66.34 ng	2878030	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	78
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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

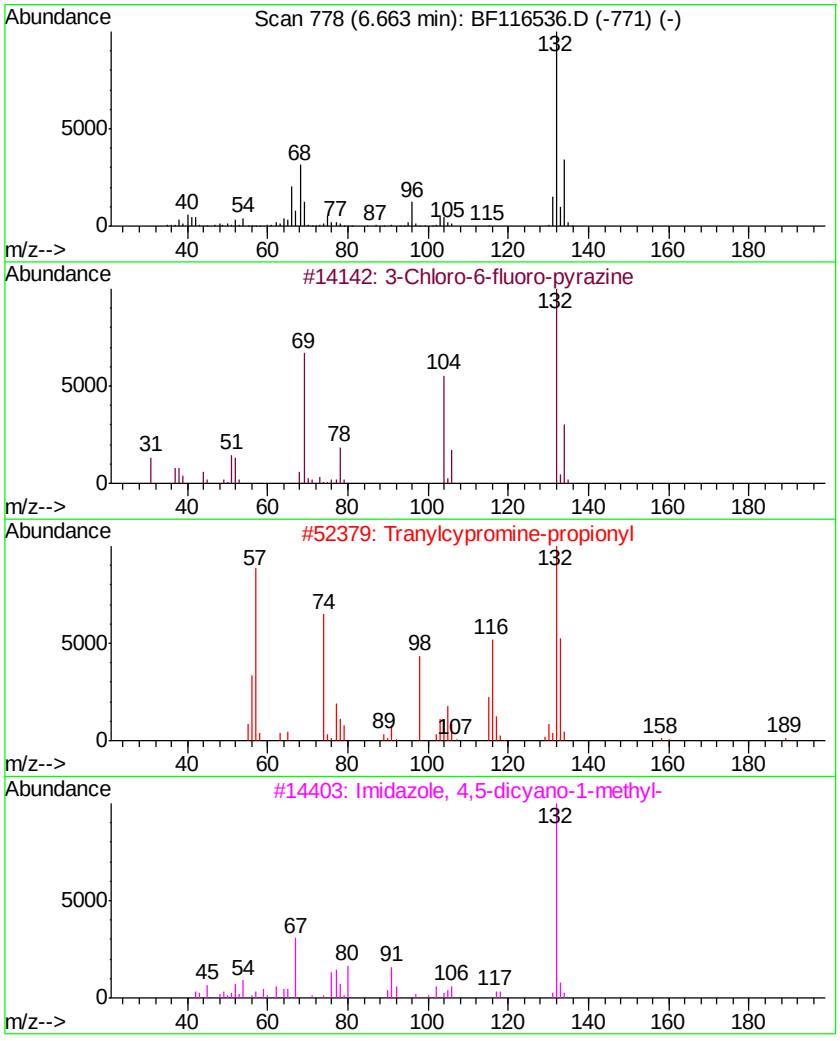
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

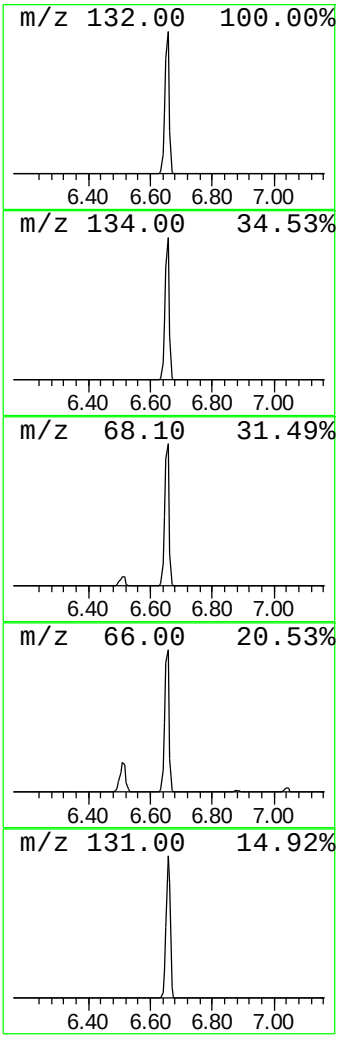
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	71.58 ng	3105350	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	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

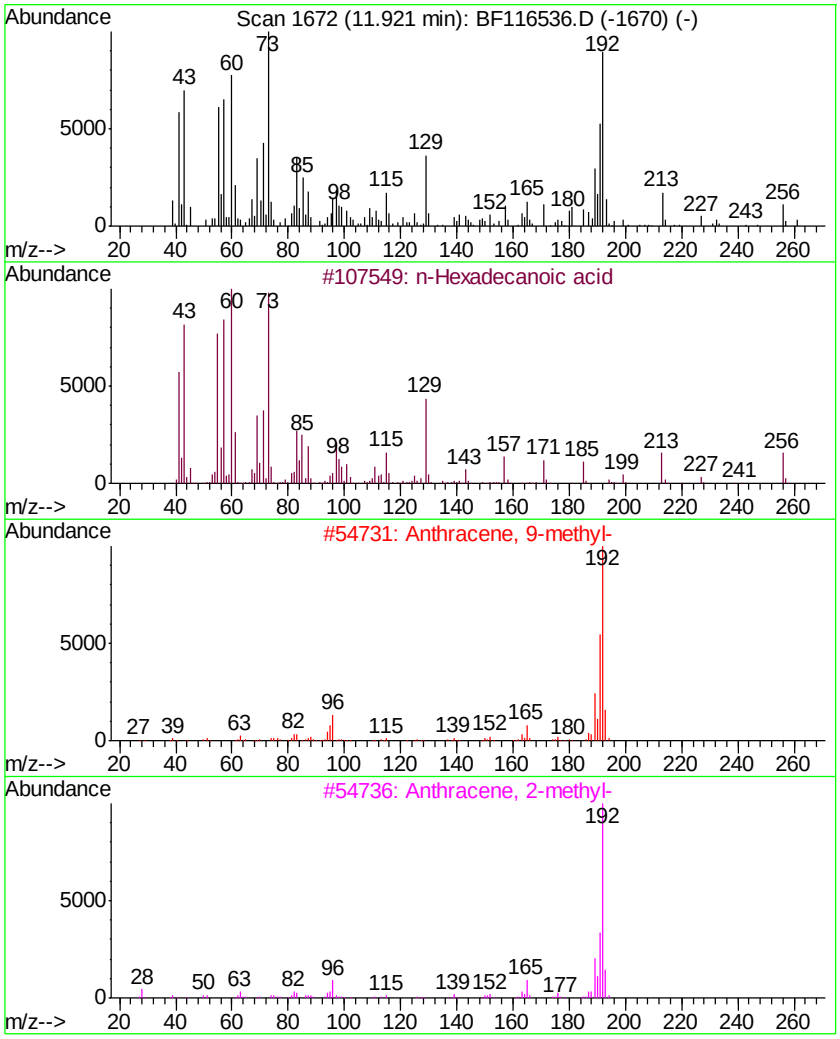
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

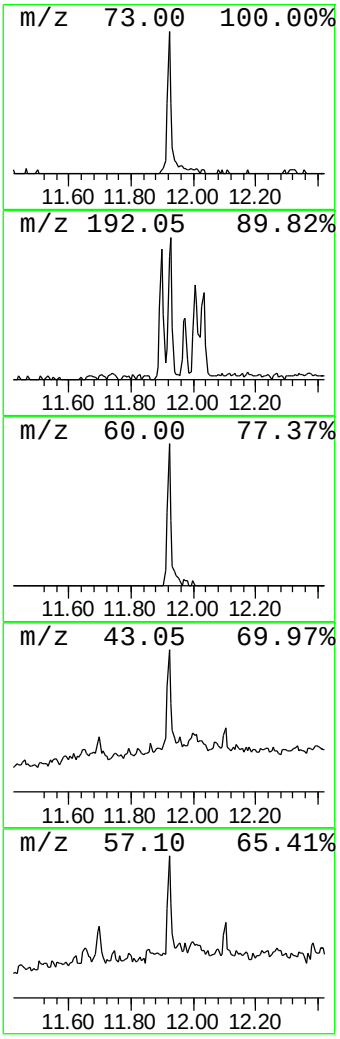
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.71 ng	132871	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

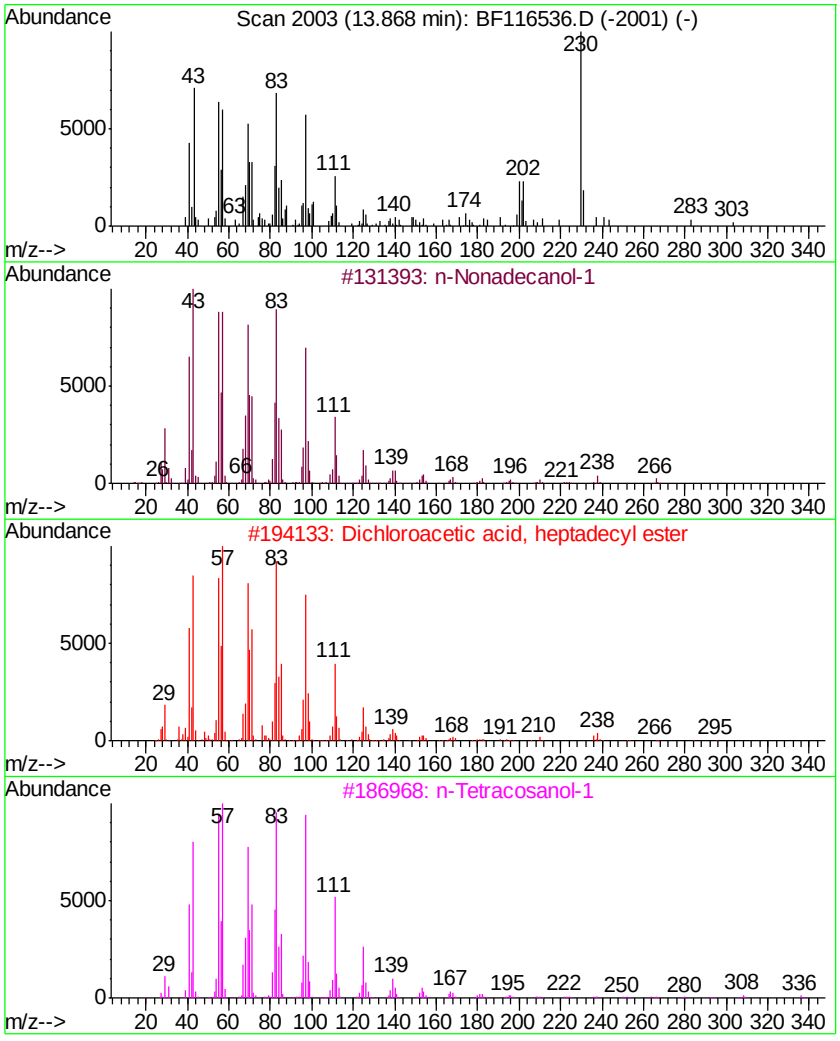
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

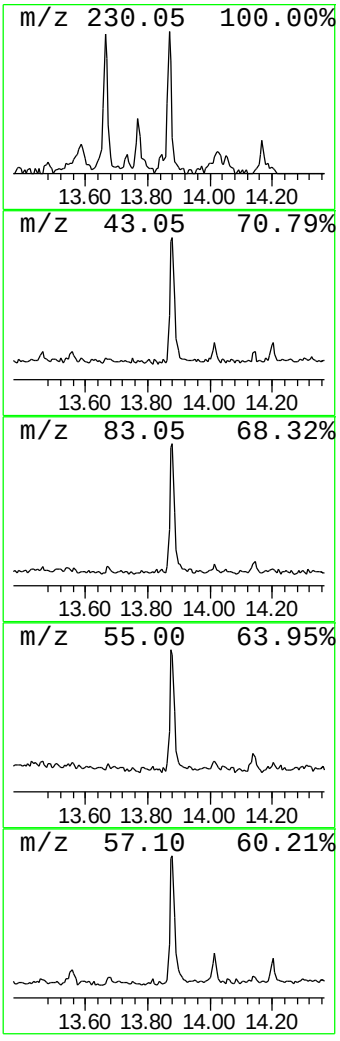
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.92 ng	294601	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

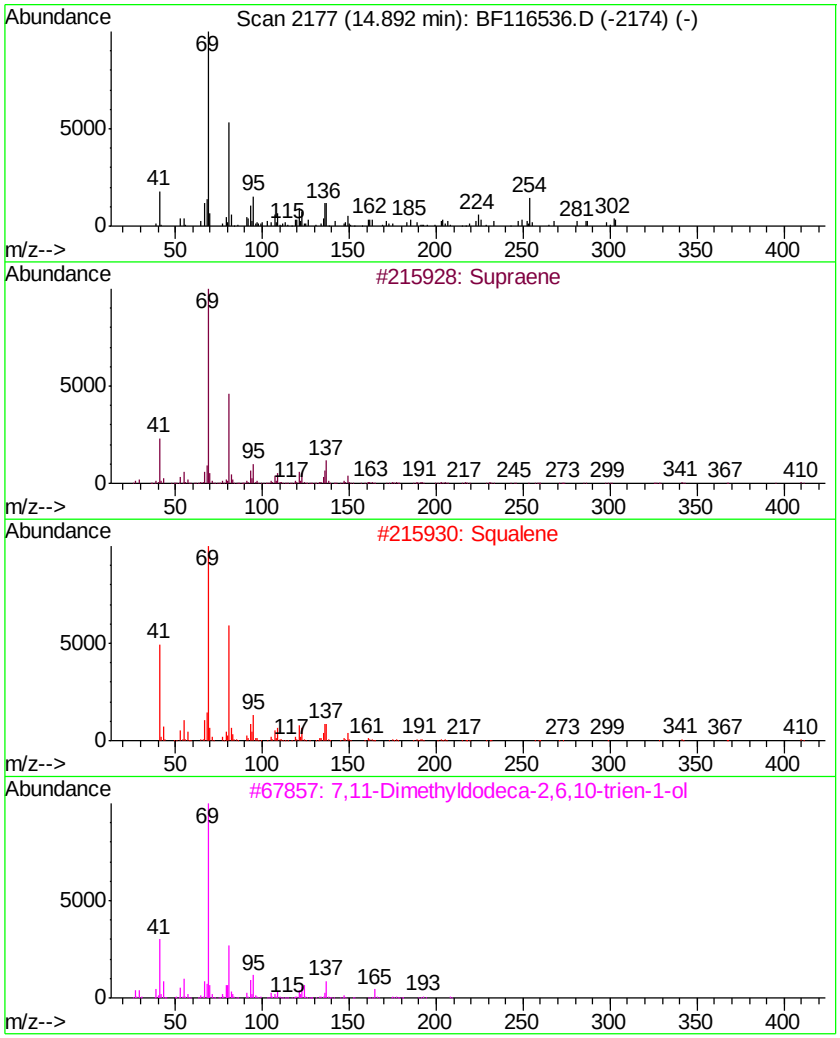
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

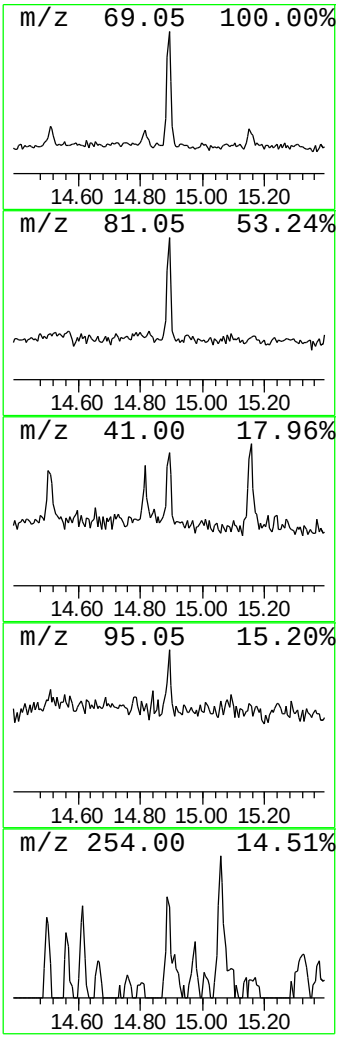
****

Peak Number 6 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.00 ng	62457	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	74
2	Squalene	410	C30H50	000111-02-4	74
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	53





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Data File : BF116536.D
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Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

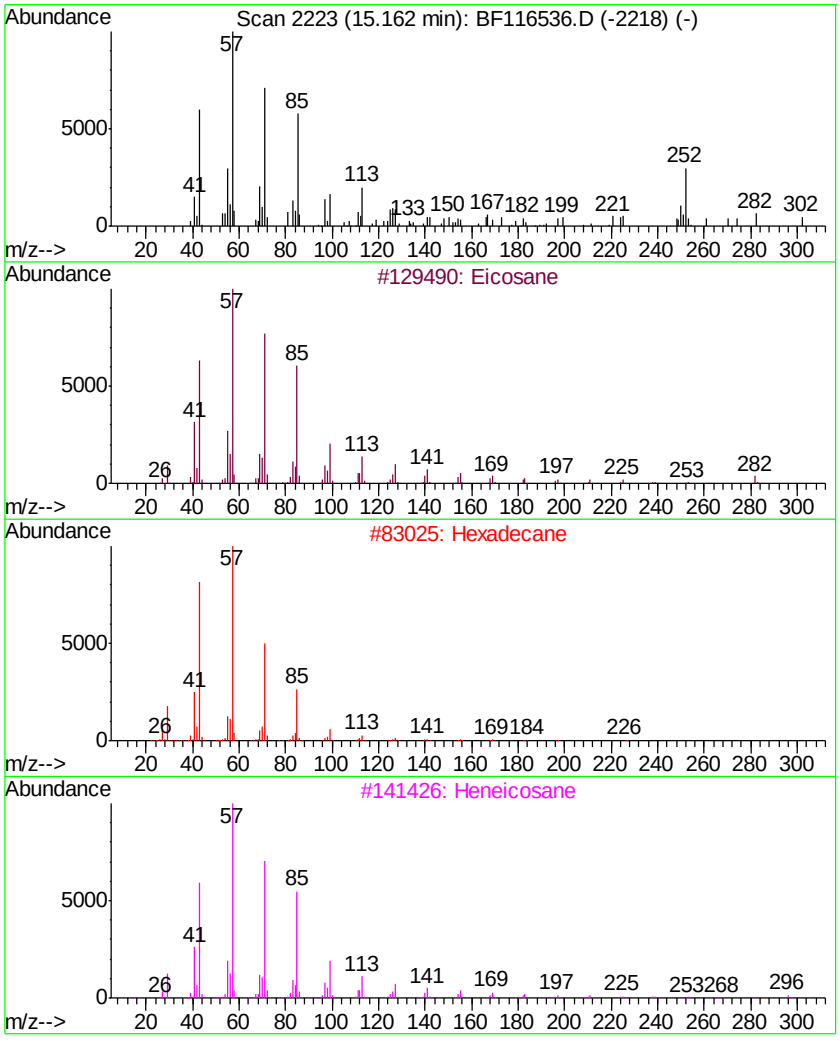
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

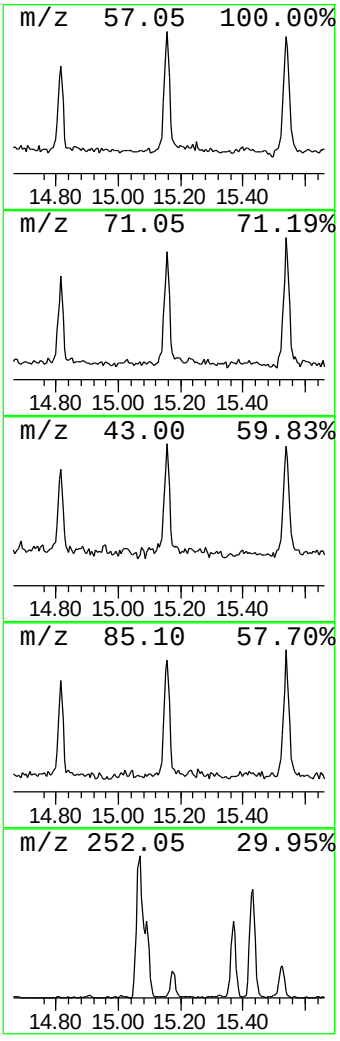
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.08 ng	127365	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
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Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

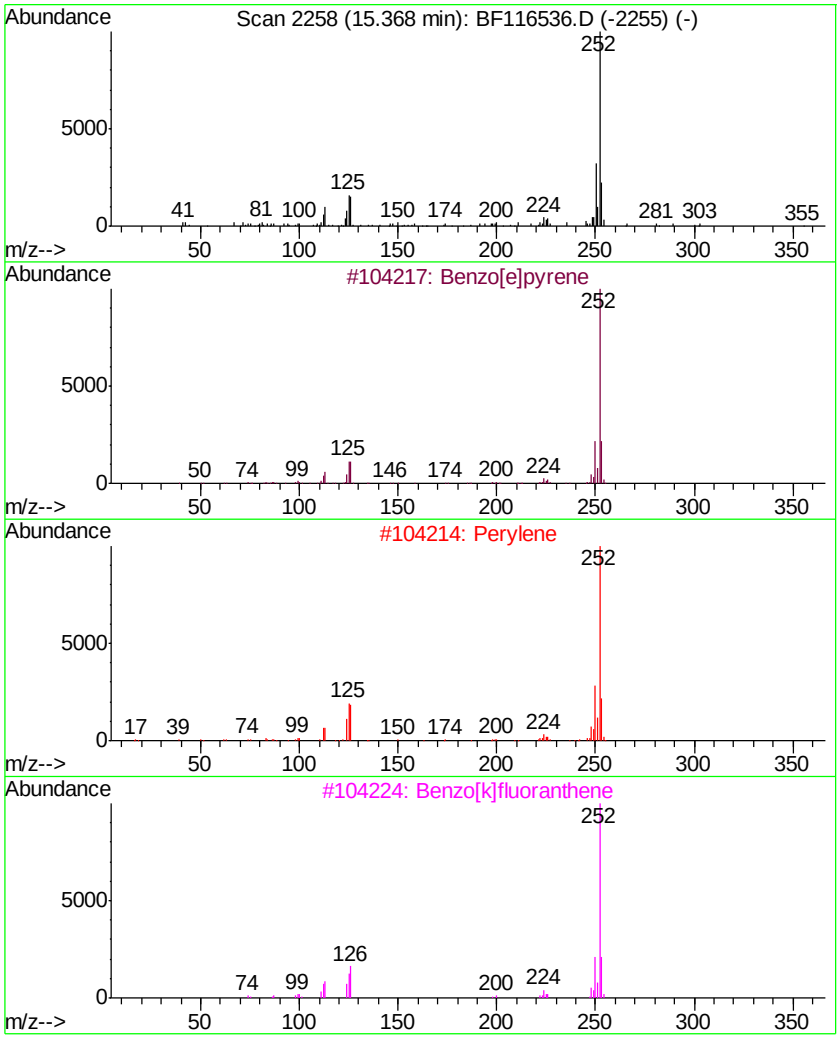
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

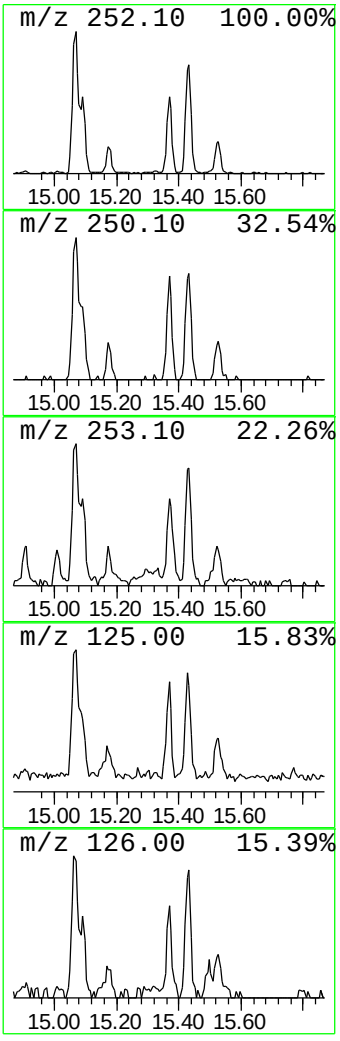
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.95 ng	92057	Perylene-d12	15.50

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

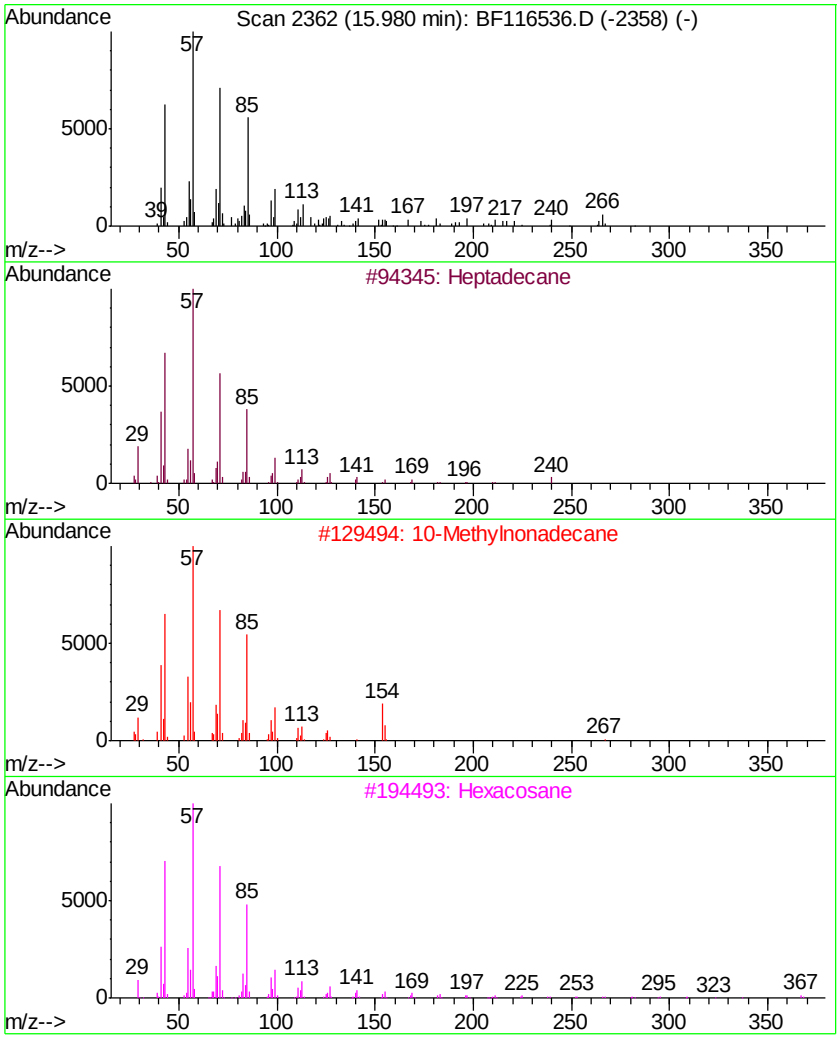
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

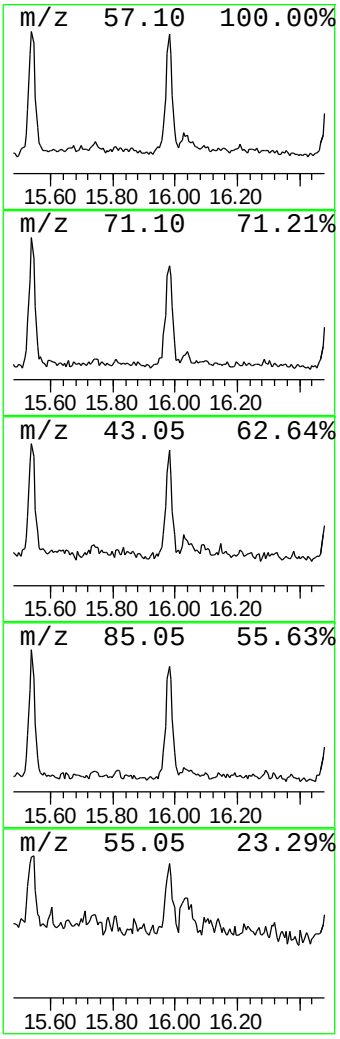
****

Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.09 ng	96271	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

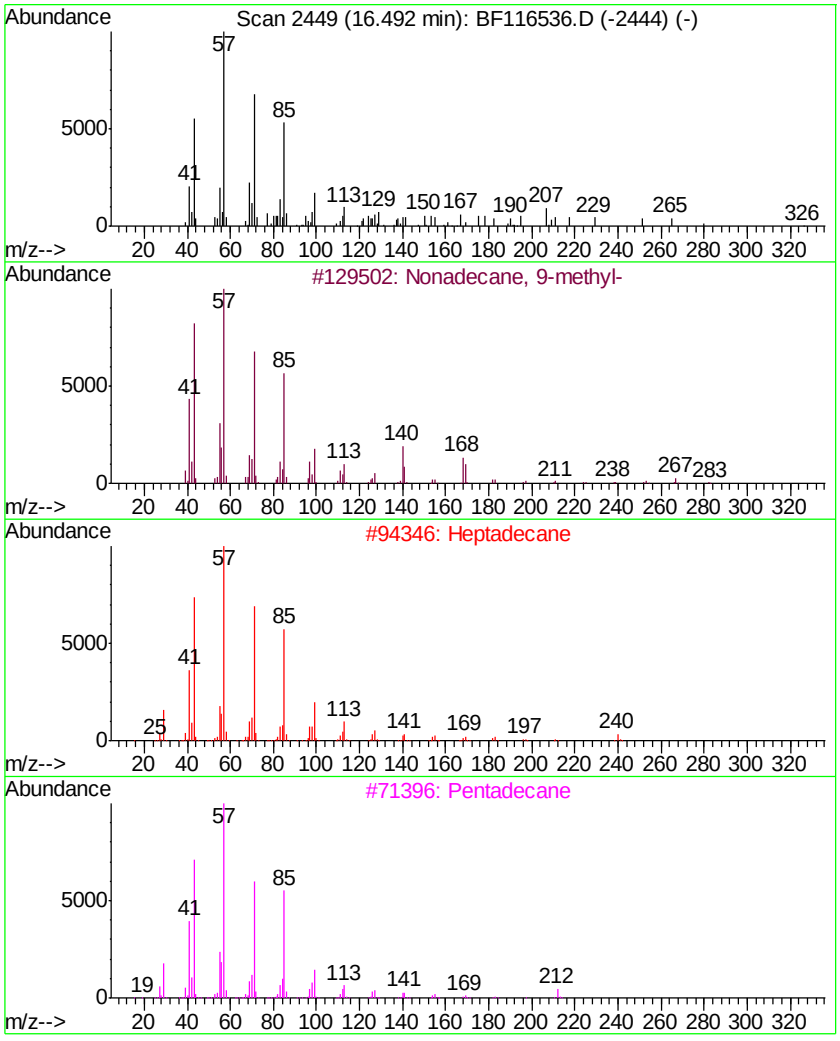
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

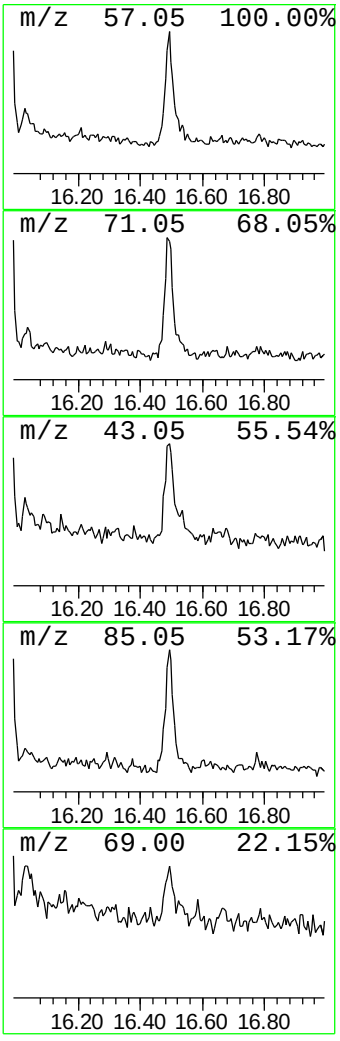
****

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.55 ng	79693	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2	Heptadecane	240	C17H36	000629-78-7	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	2-methyloctacosane	408	C29H60	1000376-72-8	64
5	Nonadecane	268	C19H40	000629-92-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
Data File : BF116536.D
Acq On : 25 Aug 2019 17:08
Operator : HP/JU
Sample : K4475-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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...	2.25	66.3	ng	2878030	1	6.89	867608	20.0
unknown6.66	6.66	71.6	ng	3105350	1	6.89	867608	20.0
n-Hexadecanoic acid	11.92	2.7	ng	132871	4	11.40	979736	20.0
n-Nonadecanol-1	13.87	6.9	ng	294601	5	14.03	851533	20.0
Supraene	14.89	2.0	ng	62457	6	15.50	623942	20.0
Eicosane	15.16	4.1	ng	127365	6	15.50	623942	20.0
Benzo[e]pyrene	15.37	3.0	ng	92057	6	15.50	623942	20.0
Heptadecane	15.98	3.1	ng	96271	6	15.50	623942	20.0
Nonadecane, 9-met...	16.49	2.5	ng	79693	6	15.50	623942	20.0