LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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	2.204	13	20	27	rVB	1715224	2319914	100.00%	9.790%
2	4.775	435	457	459	rBV	30775	129865	5.60%	0.548%
3	5.504	576	581	584	rBV	2066091	1843243	79.45%	7.778%
4	6.504	746	751	754	rBV	2133992	1957919	84.40%	8.262%
5	6.651	772	776	779	rBV	2284745	1972639	85.03%	8.324%
6	6.880	812	815	819	rBV	766424	659219	28.42%	2.782%
7	7.039	838	842	845	rBV	1880602	1527196	65.83%	6.445%
8	7.280	878	883	886	rBV	63962	49573	2.14%	0.209%
9	7.439	903	910	913	rBV	1409737	1305971	56.29%	5.511%
10	8.163	1029	1033	1036	rBV	1034357	819452	35.32%	3.458%
11	9.233	1211	1215	1218	rBV	2213746	1793310	77.30%	7.568%
12	9.621	1278	1281	1284	rBV	83611	60351	2.60%	0.255%
13	9.774	1304	1307	1310	rVB	32480	26056	1.12%	0.110%
14	9.916	1327	1331	1334	rVB	902100	782547	33.73%	3.302%
15	10.692	1460	1463	1467	rBV	1009861	941509	40.58%	3.973%
16	11.392	1579	1582	1585	rBV	725879	700282	30.19%	2.955%
17	11.416	1585	1586	1590	rVB	320105	212990	9.18%	0.899%
18	11.468	1590	1595	1598	rBV	83461	75718	3.26%	0.320%
19	11.615	1617	1620	1623	rBV2	25146	24356	1.05%	0.103%
20	11.898	1665	1668	1670	rBV	42459	43170	1.86%	0.182%
21	11.921	1670	1672	1675	rVB	126845	105627	4.55%	0.446%
22	12.004	1683	1686	1689	rBV2	61553	70250	3.03%	0.296%
23	12.192	1715	1718	1719	rBV	32158	26830	1.16%	0.113%
24	12.445	1758	1761	1764	rBV3	35861	37547	1.62%	0.158%
25	12.480	1764	1767	1772	rVB5	23992	39051	1.68%	0.165%
26	12.527	1772	1775	1780	rVB2	33484	39580	1.71%	0.167%
27	12.604	1784	1788	1792	rBV	462558	389711	16.80%	1.645%
28	12.651	1794	1796	1801	rBV5	18921	27546	1.19%	0.116%
29	12.698	1802	1804	1807	rBV2	23073	25069	1.08%	0.106%
30	12.833	1821	1827	1830	rBV	423910	417476	18.00%	1.762%
31	12.880	1833	1835	1841	rVB2	24420	29811	1.29%	0.126%
32	12.974	1848	1851	1855	rVB	1469135	1290561	55.63%	5.446%
33	13.051	1861	1864	1867	rBV2	27467	31159	1.34%	0.131%
34	13.162	1881	1883	1885	rVB	42951	34695	1.50%	0.146%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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	13.227	1891	1894	1897	rVB2	29988	30898	1.33%	0.130%
36	13.262	1897	1900	1903	rBV	51928	54584	2.35%	0.230%
37	13.357	1913	1916	1919	rBV	29586	28917	1.25%	0.122%
38	13.386	1919	1921	1924	rBV	33489	29048	1.25%	0.123%
39	13.457	1931	1933	1937	rBV4	32382	32620	1.41%	0.138%
40	13.662	1965	1968	1973	rBV	50810	61764	2.66%	0.261%
41	13.774	1983	1987	1990	rBV2	35255	56548	2.44%	0.239%
42	13.804	1990	1992	1994	rBV	30534	26166	1.13%	0.110%
43	13.874	2000	2004	2011	rVB2	257359	264943	11.42%	1.118%
44	14.027	2025	2030	2033	rBV2	764044	921368	39.72%	3.888%
45	14.051	2033	2034	2037	rVB	193632	116989	5.04%	0.494%
46	14.139	2046	2049	2055	rVB4	55243	79078	3.41%	0.334%
47	14.445	2099	2101	2105	rVB	37136	35676	1.54%	0.151%
48	14.509	2109	2112	2114	rVB2	59266	58597	2.53%	0.247%
49	14.815	2162	2164	2172	rVB2	65833	85777	3.70%	0.362%
50	15.062	2202	2206	2210	rBV	202762	331359	14.28%	1.398%
51	15.156	2219	2222	2231	rVB2	81290	162934	7.02%	0.688%
52	15.368	2254	2258	2263	rBV	128849	156594	6.75%	0.661%
53	15.427	2264	2268	2273	rVB	181641	221823	9.56%	0.936%
54	15.492	2274	2279	2283	rBV	573960	716458	30.88%	3.023%
55	15.980	2359	2362	2366	rVB2	58988	77145	3.33%	0.326%
56	16.950	2523	2527	2537	rVB2	98750	195688	8.44%	0.826%
57	17.392	2597	2602	2610	rVB	73753	141721	6.11%	0.598%

Sum of corrected areas: 23696888

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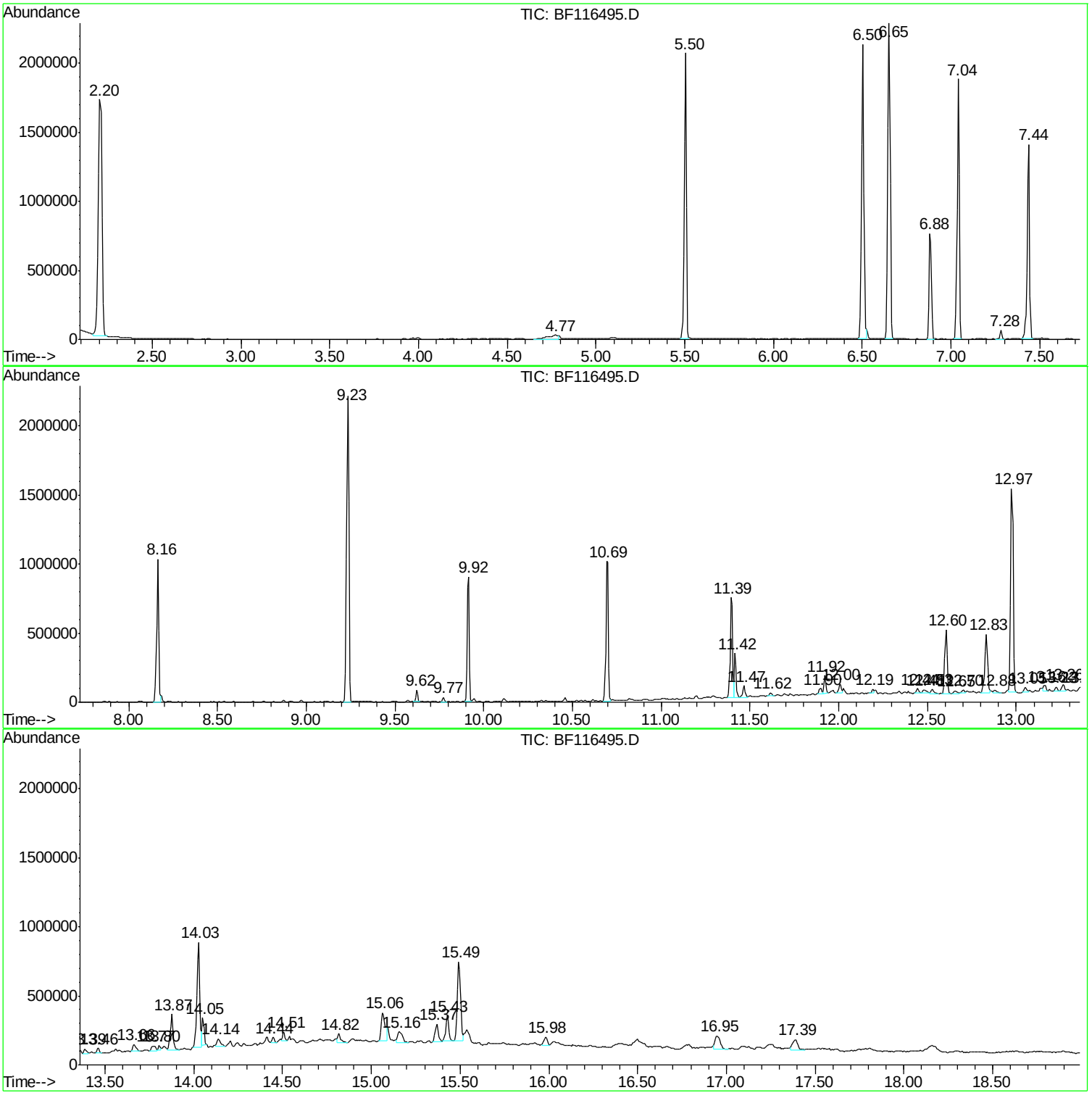
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T6-A1-A4-(0-2)

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\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

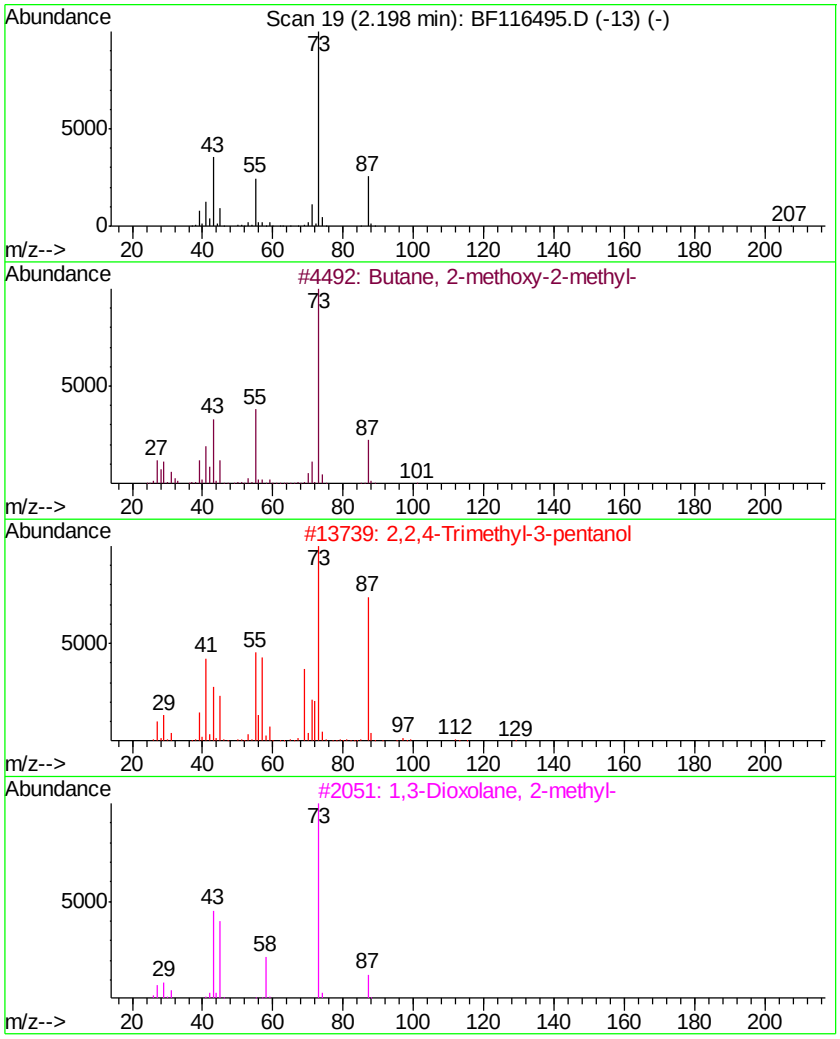
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

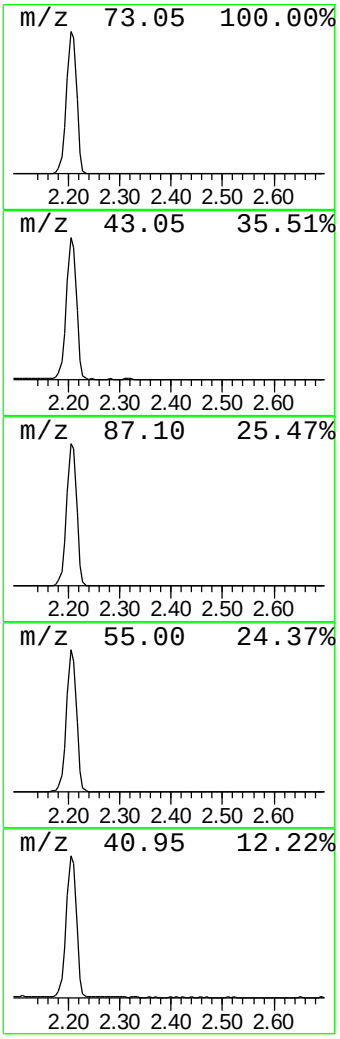
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	70.38 ng	2319910	1,4-Dichlorobenzene-d4	6.88

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

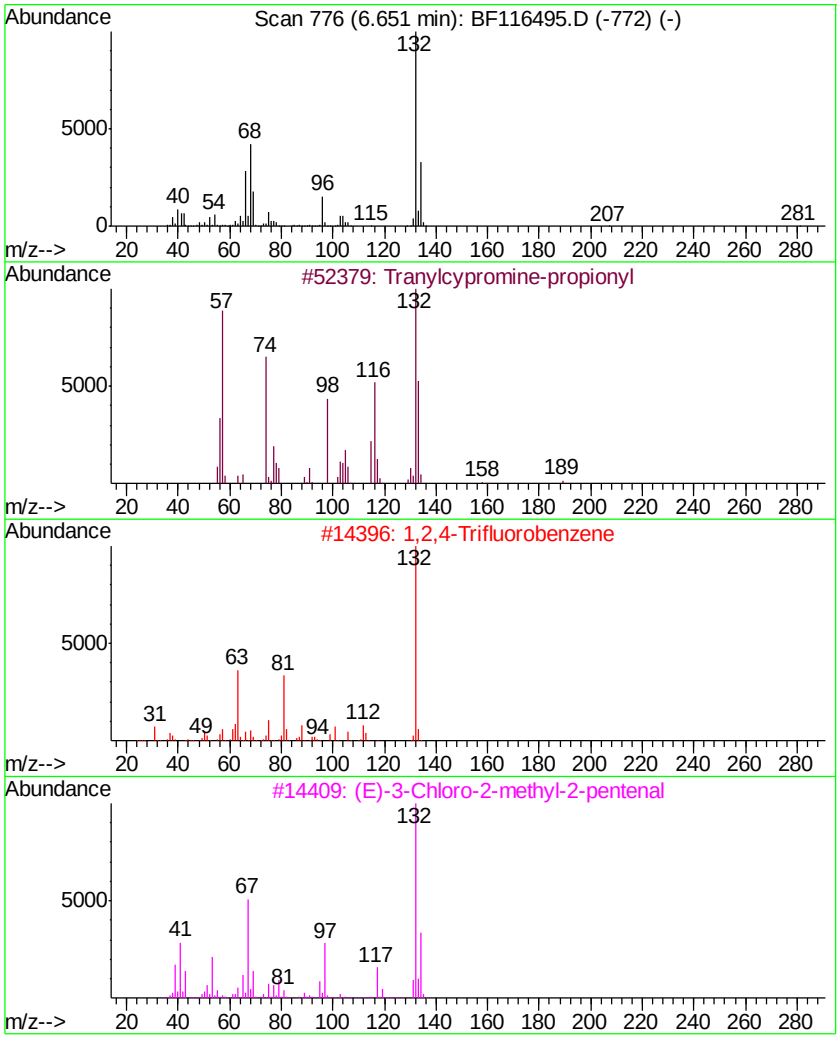
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

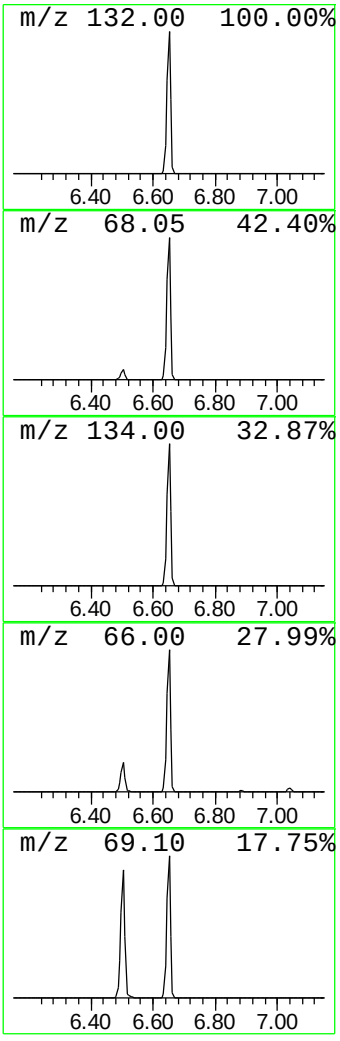
****

Peak Number 3 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.85 ng	1972640	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

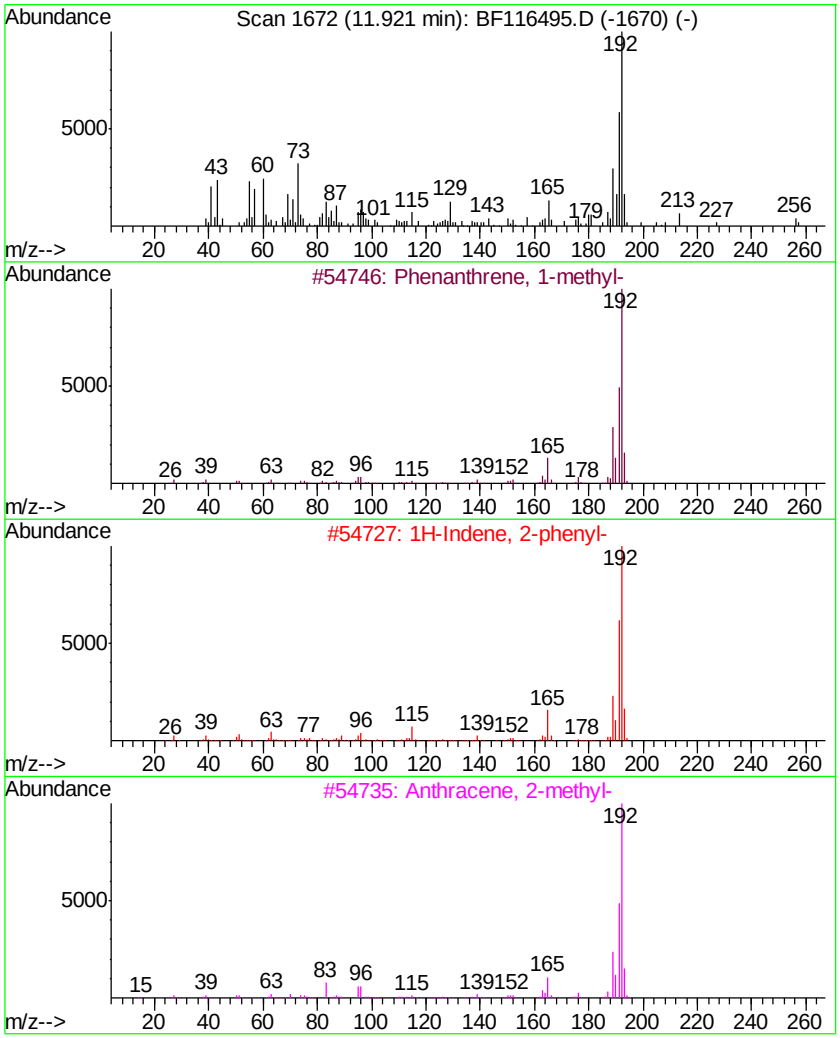
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

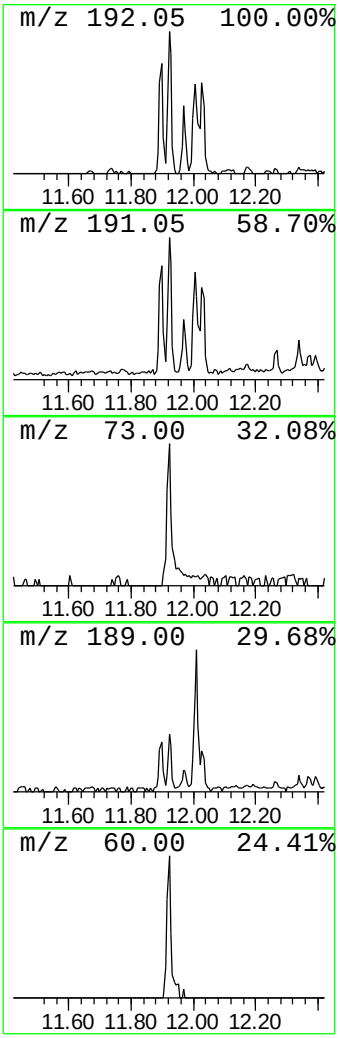
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.02 ng	105627	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

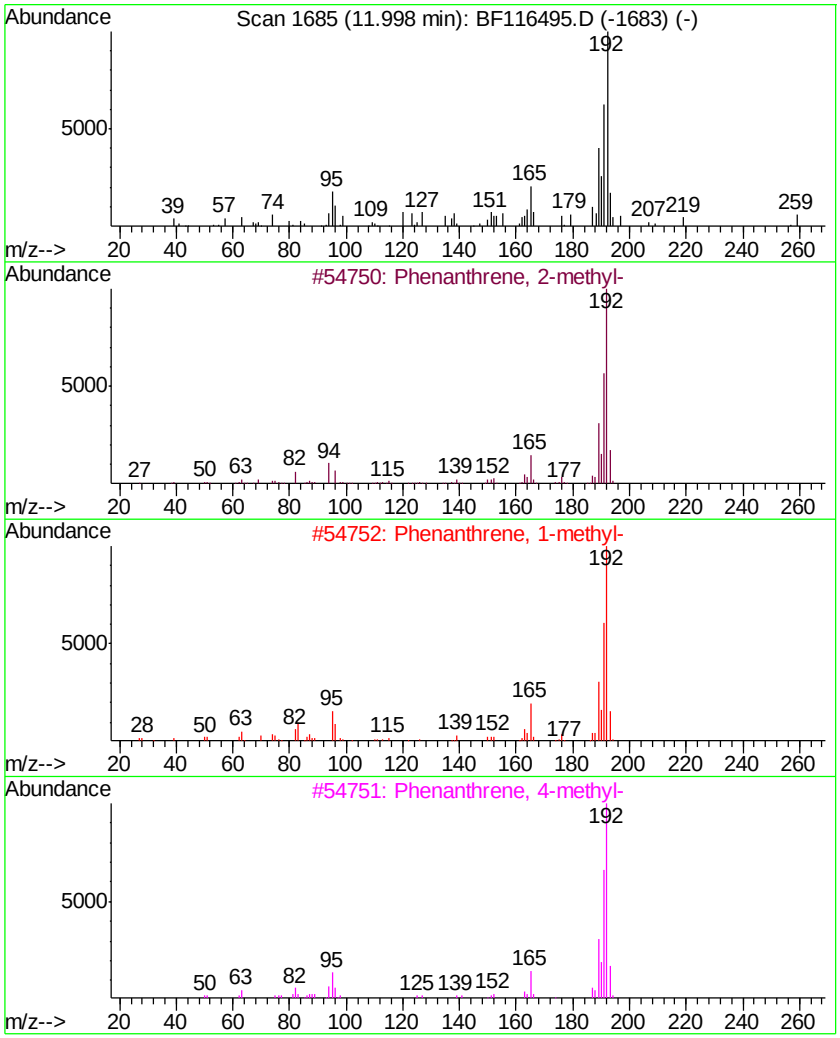
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

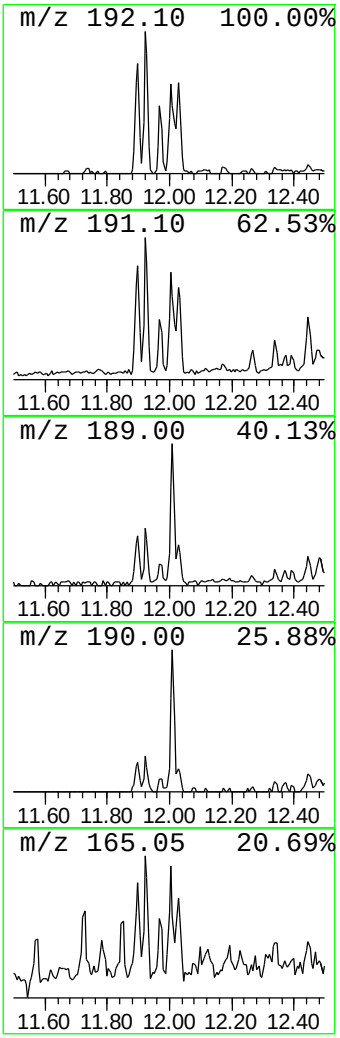
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.01 ng	70250	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

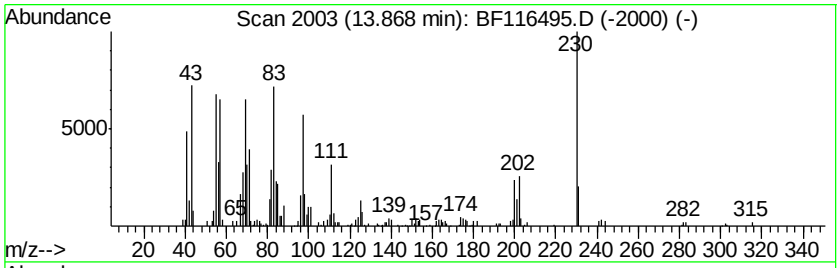
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

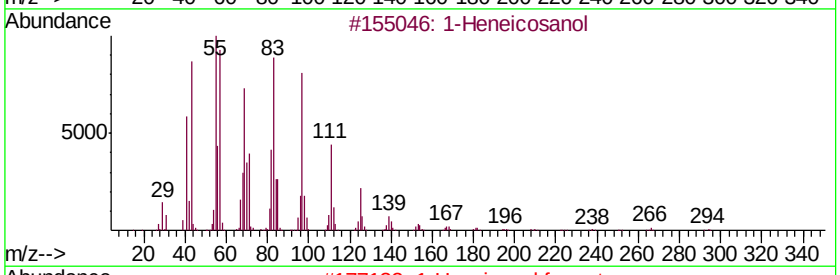
****

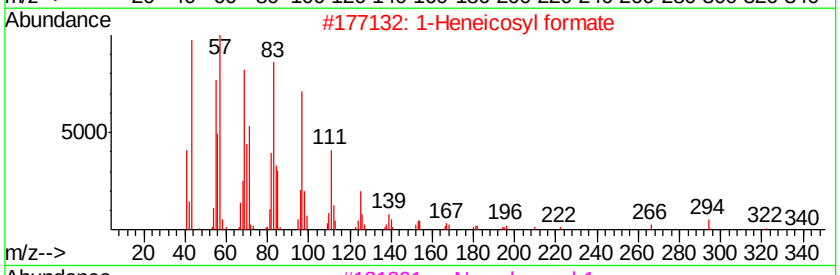
Peak Number 8 1-Heneicosanol Concentration Rank 4

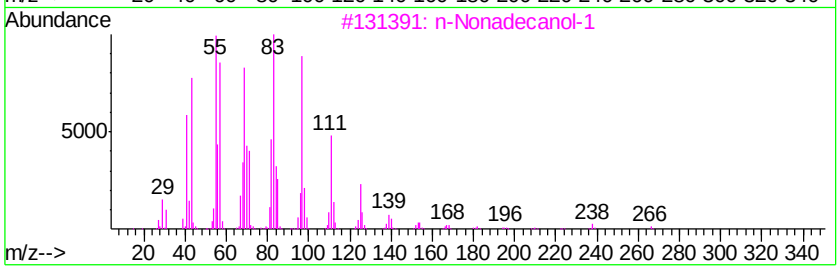
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.75 ng	264943	Chrysene-d12	14.03

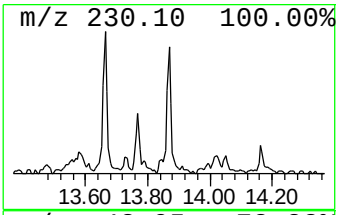
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91

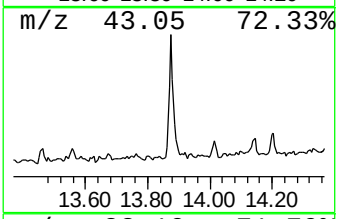


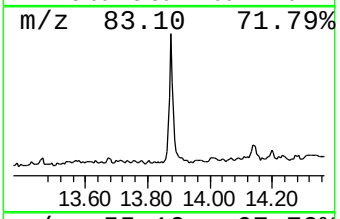


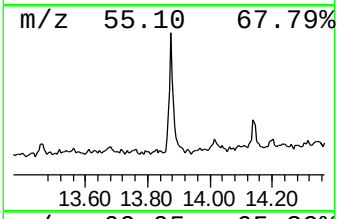


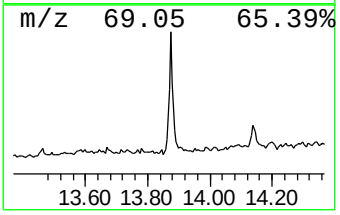












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
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Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

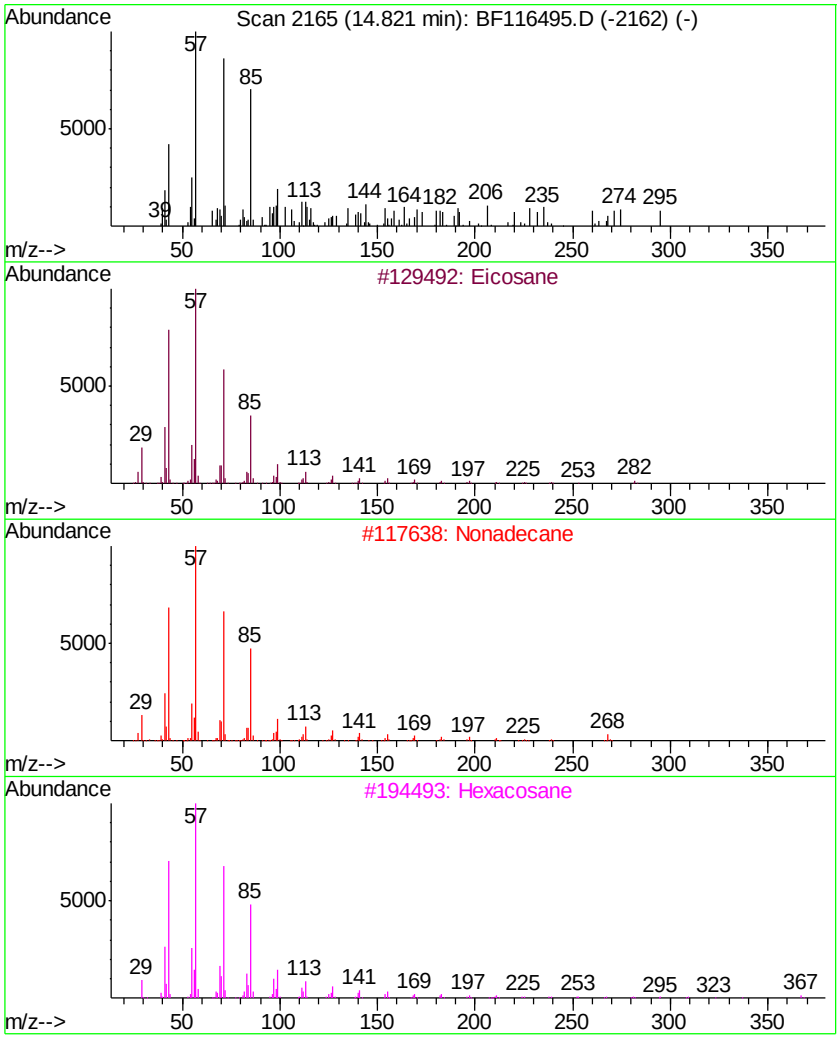
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

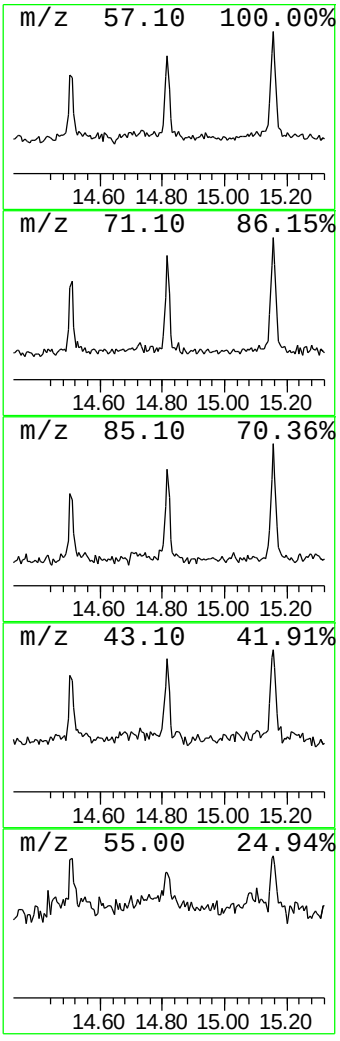
****

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.39 ng	85777	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Nonadecane	268	C19H40	000629-92-5	68
3	Hexacosane	366	C26H54	000630-01-3	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

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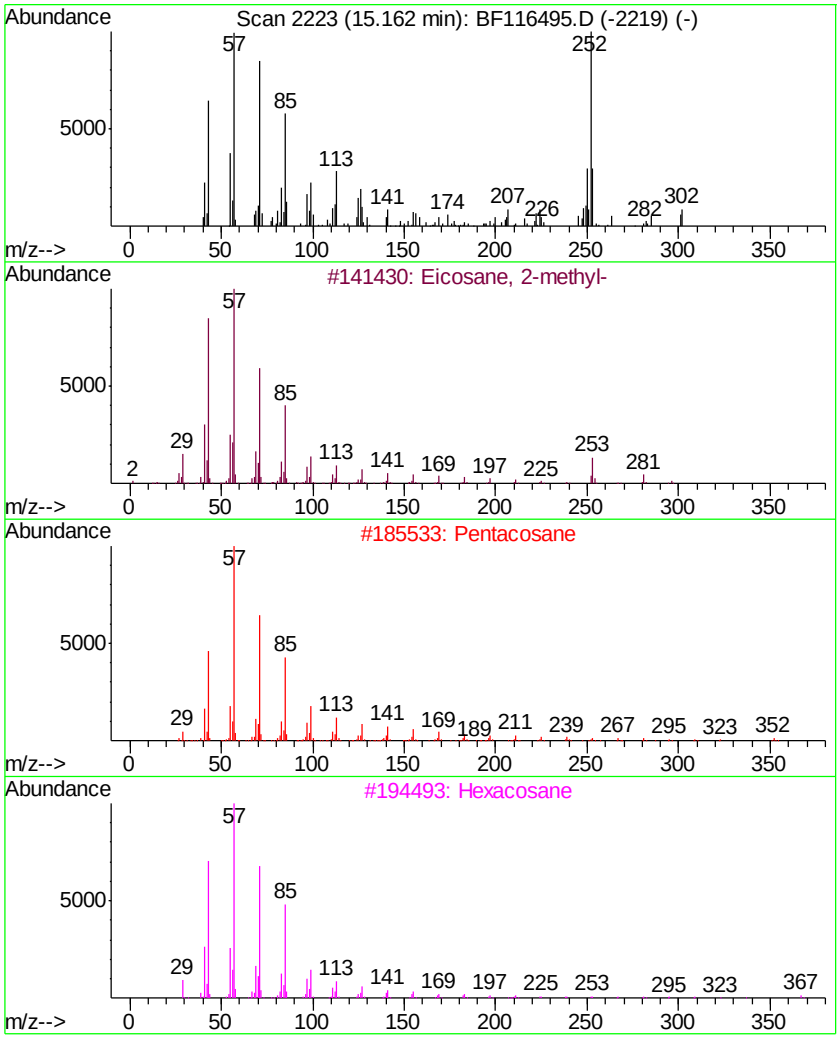
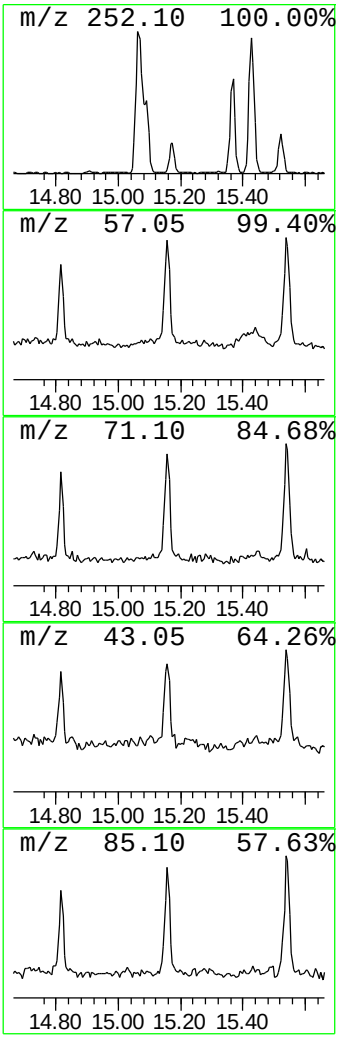
Peak Number 10 Eicosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.55 ng	162934	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
2	Pentacosane	352	C25H52	000629-99-2	62
3	Hexacosane	366	C26H54	000630-01-3	62
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	62
5	Triacontane	422	C30H62	000638-68-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

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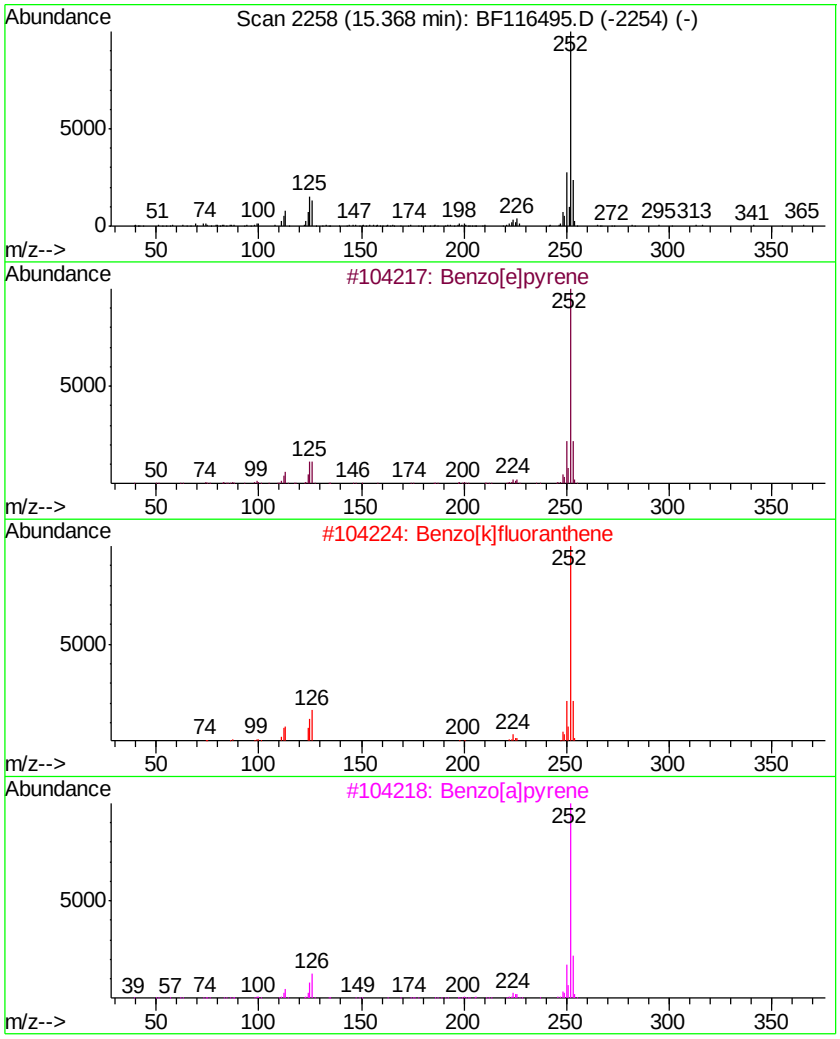
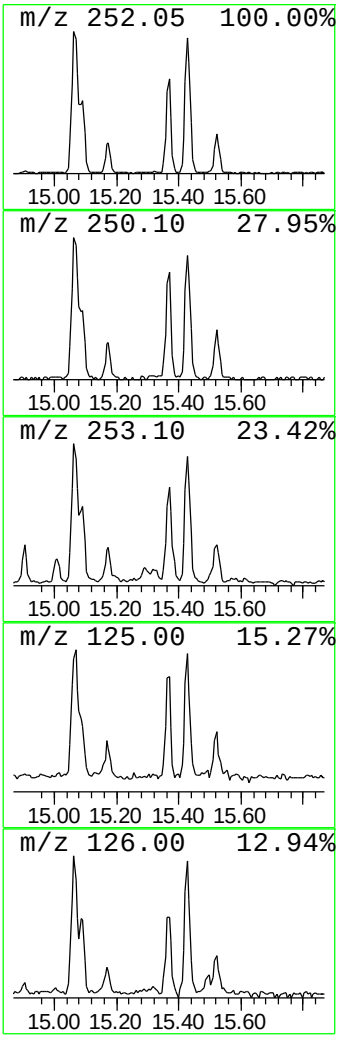
Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.37 ng	156594	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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

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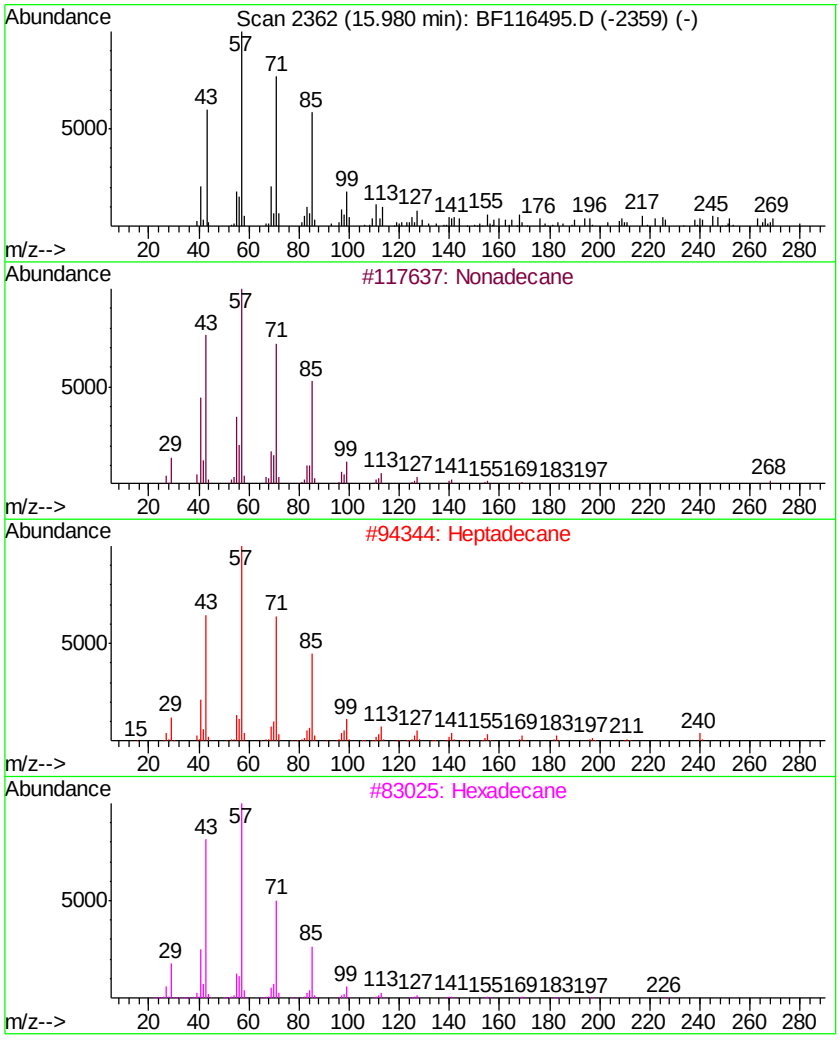
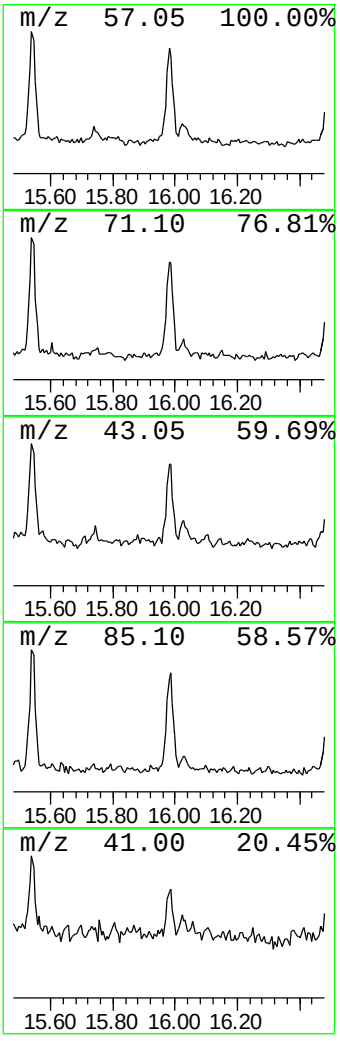
Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.15 ng	77145	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Heptadecane	240	C17H36	000629-78-7	89
3	Hexadecane	226	C16H34	000544-76-3	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	76
5	Octadecane	254	C18H38	000593-45-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116495.D
Acq On : 23 Aug 2019 23:29
Operator : HP/JU
Sample : K4386-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T6-A1-A4-(0-2)

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...	2.20	70.4	ng	2319910	1	6.88	659219	20.0
unknown6.65	6.65	59.9	ng	1972640	1	6.88	659219	20.0
Phenanthrene, 1-m...	11.92	3.0	ng	105627	4	11.39	700282	20.0
Phenanthrene, 2-m...	12.00	2.0	ng	70250	4	11.39	700282	20.0
1-Heneicosanol	13.87	5.8	ng	264943	5	14.03	921368	20.0
Eicosane	14.82	2.4	ng	85777	6	15.49	716458	20.0
Eicosane, 2-methyl-	15.16	4.5	ng	162934	6	15.49	716458	20.0
Benzo[e]pyrene	15.37	4.4	ng	156594	6	15.49	716458	20.0
Nonadecane	15.98	2.1	ng	77145	6	15.49	716458	20.0