LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-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-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	2.158	8	12	29	rVB	595161	878334	45.39%	3.491%
2	5.504	577	581	585	rBV	1545576	1487643	76.88%	5.912%
3	6.510	748	752	755	rBV	1782944	1600261	82.70%	6.359%
4	6.663	773	778	781	rBV	1810870	1645956	85.07%	6.541%
5	6.893	814	817	821	rBV	1048776	889835	45.99%	3.536%
6	7.051	840	844	847	rBV	1597686	1251673	64.69%	4.974%
7	7.445	907	911	915	rBV	1123798	968946	50.08%	3.851%
8	8.175	1031	1035	1038	rBV	1478037	1171569	60.55%	4.656%
9	9.251	1214	1218	1221	rBV	2456503	1934926	100.00%	7.689%
10	9.639	1281	1284	1287	rBV	226248	173700	8.98%	0.690%
11	9.928	1330	1333	1337	rBV	1477517	1252068	64.71%	4.976%
12	10.710	1462	1466	1470	rBV	1222316	1072420	55.42%	4.262%
13	10.839	1485	1488	1497	rVB6	18518	28598	1.48%	0.114%
14	11.410	1581	1585	1588	rBV	1340819	1251359	64.67%	4.973%
15	11.433	1588	1589	1593	rVV	217316	141224	7.30%	0.561%
16	11.486	1593	1598	1601	rVB	70308	65903	3.41%	0.262%
17	11.916	1667	1671	1672	rBV	48612	45280	2.34%	0.180%
18	11.939	1672	1675	1680	rVB	254651	235514	12.17%	0.936%
19	12.022	1686	1689	1692	rBV2	89264	96623	4.99%	0.384%
20	12.045	1692	1693	1698	rVB	42924	27961	1.45%	0.111%
21	12.116	1700	1705	1708	rBV5	18244	27500	1.42%	0.109%
22	12.204	1718	1720	1722	rBV	32921	31717	1.64%	0.126%
23	12.222	1722	1723	1729	rVB2	27921	28157	1.46%	0.112%
24	12.463	1760	1764	1767	rBV	56924	61317	3.17%	0.244%
25	12.498	1767	1770	1772	rVV3	41958	58851	3.04%	0.234%
26	12.545	1775	1778	1783	rVV3	30910	42253	2.18%	0.168%
27	12.622	1788	1791	1794	rBV	627016	498037	25.74%	1.979%
28	12.722	1804	1808	1811	rBV4	89018	97969	5.06%	0.389%
29	12.851	1824	1830	1833	rBV	574398	556301	28.75%	2.211%
30	12.904	1836	1839	1843	rVB2	24896	34779	1.80%	0.138%
31	12.969	1847	1850	1851	rBV2	27399	23952	1.24%	0.095%
32	12.992	1851	1854	1858	rVB	2123393	1848867	95.55%	7.347%
33	13.069	1863	1867	1870	rBV2	51056	75678	3.91%	0.301%
34	13.157	1879	1882	1883	rBV2	38829	40564	2.10%	0.161%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.180	1883	1886	1888	rVB	93857	93596	4.84%	0.372%
36	13.245	1893	1897	1900	rBV2	78234	73168	3.78%	0.291%
37	13.280	1900	1903	1906	rBV2	73324	80323	4.15%	0.319%
38	13.374	1916	1919	1922	rBV	58209	40306	2.08%	0.160%
39	13.404	1922	1924	1928	rBV	49028	52898	2.73%	0.210%
40	13.574	1951	1953	1956	rBV2	35189	38377	1.98%	0.153%
41	13.680	1969	1971	1977	rVB	48778	56173	2.90%	0.223%
42	13.845	1997	1999	2003	rBV2	41971	48696	2.52%	0.194%
43	13.886	2003	2006	2014	rVV3	261647	330854	17.10%	1.315%
44	14.045	2028	2033	2036	rBV2	1336839	1549182	80.06%	6.156%
45	14.069	2036	2037	2043	rVB	314334	243034	12.56%	0.966%
46	14.151	2049	2051	2054	rBV	50293	45241	2.34%	0.180%
47	14.527	2112	2115	2118	rVB2	158526	142561	7.37%	0.567%
48	14.833	2164	2167	2171	rBV	152856	155948	8.06%	0.620%
49	15.086	2207	2210	2213	rBV	233967	323107	16.70%	1.284%
50	15.180	2222	2226	2235	rVB2	285636	418773	21.64%	1.664%
51	15.392	2259	2262	2267	rVB	171472	205604	10.63%	0.817%
52	15.451	2269	2272	2277	rVB	182823	212530	10.98%	0.845%
53	15.521	2279	2284	2287	rVV	677729	887030	45.84%	3.525%
54	15.563	2289	2291	2297	rVB	225204	277666	14.35%	1.103%
55	16.010	2364	2367	2372	rVB	182853	242650	12.54%	0.964%

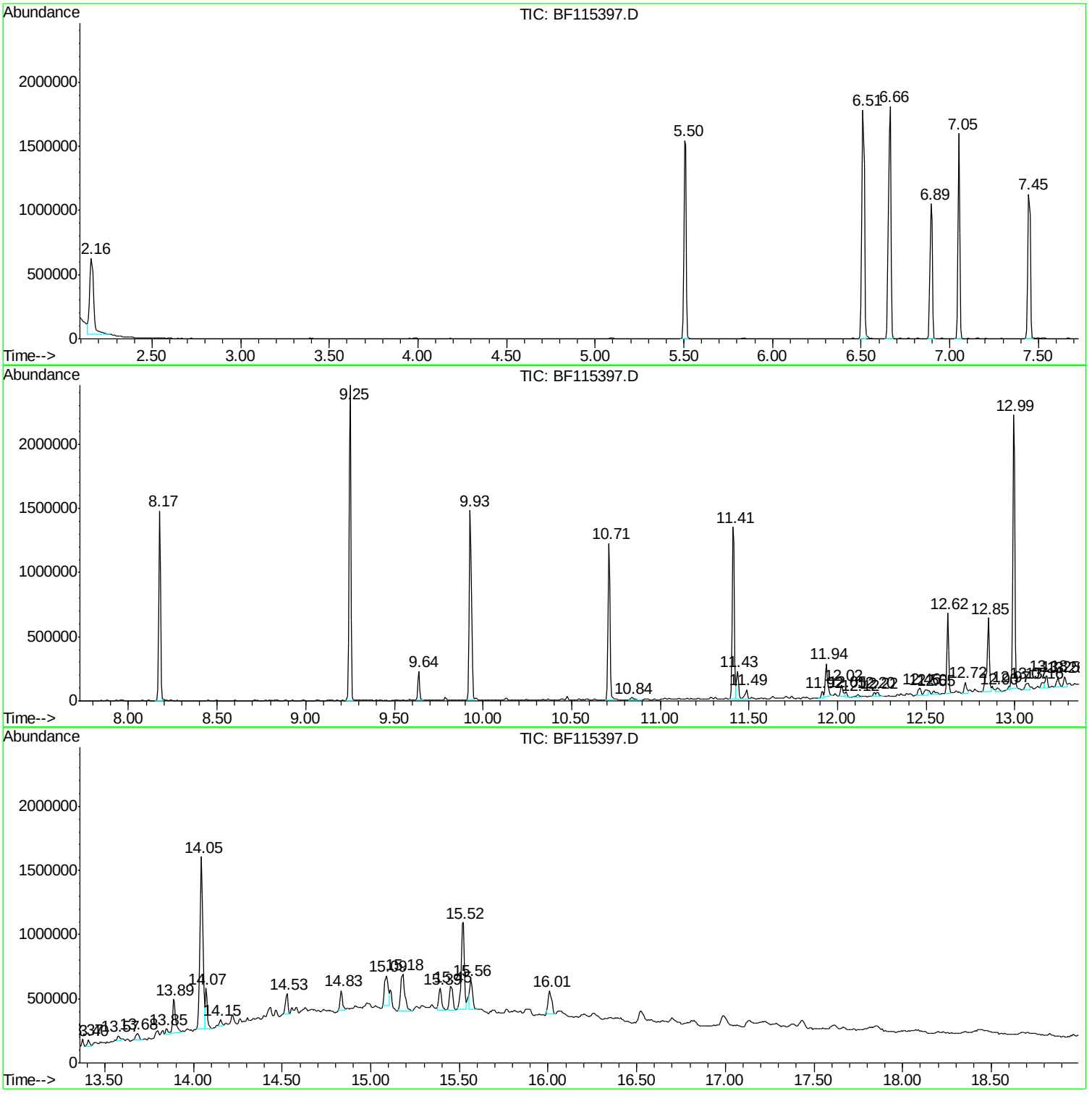
Sum of corrected areas: 25163452

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

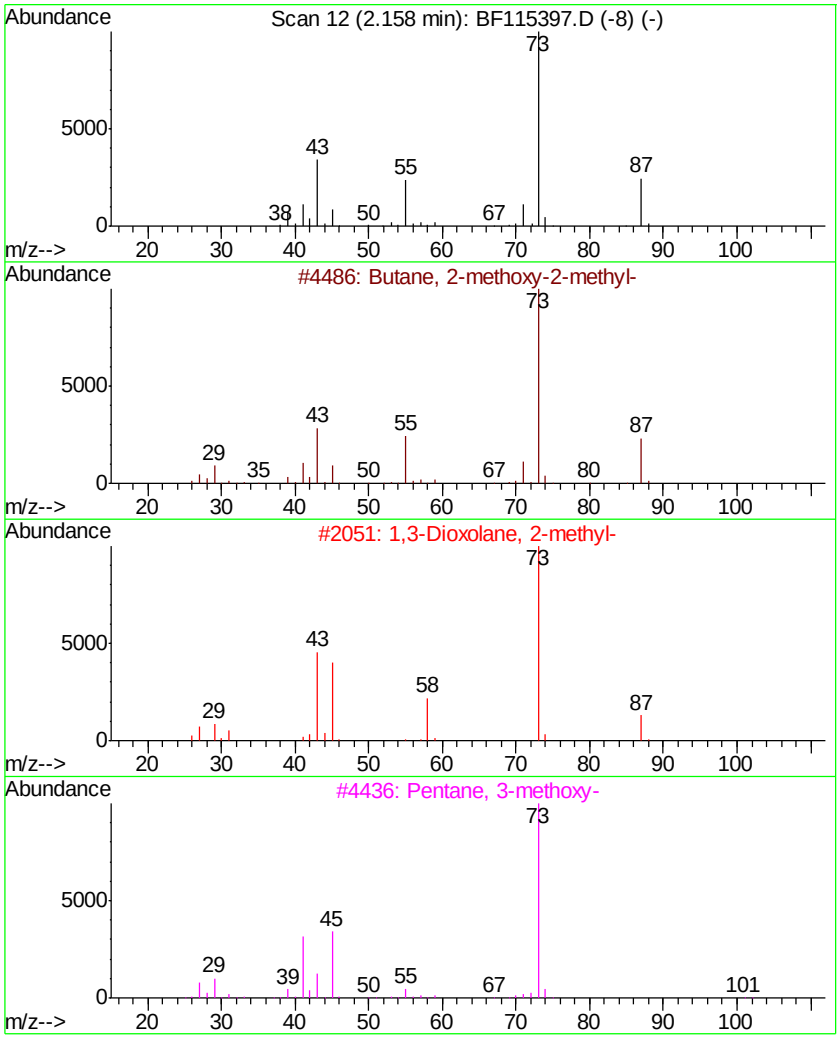
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

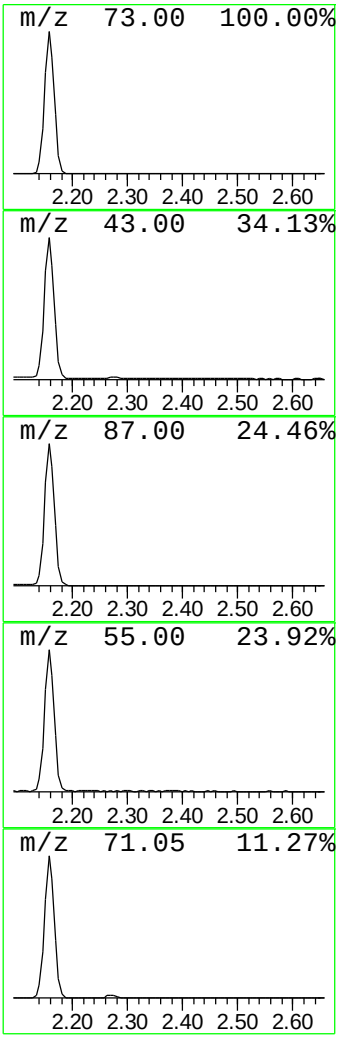
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	19.74 ng	878334	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

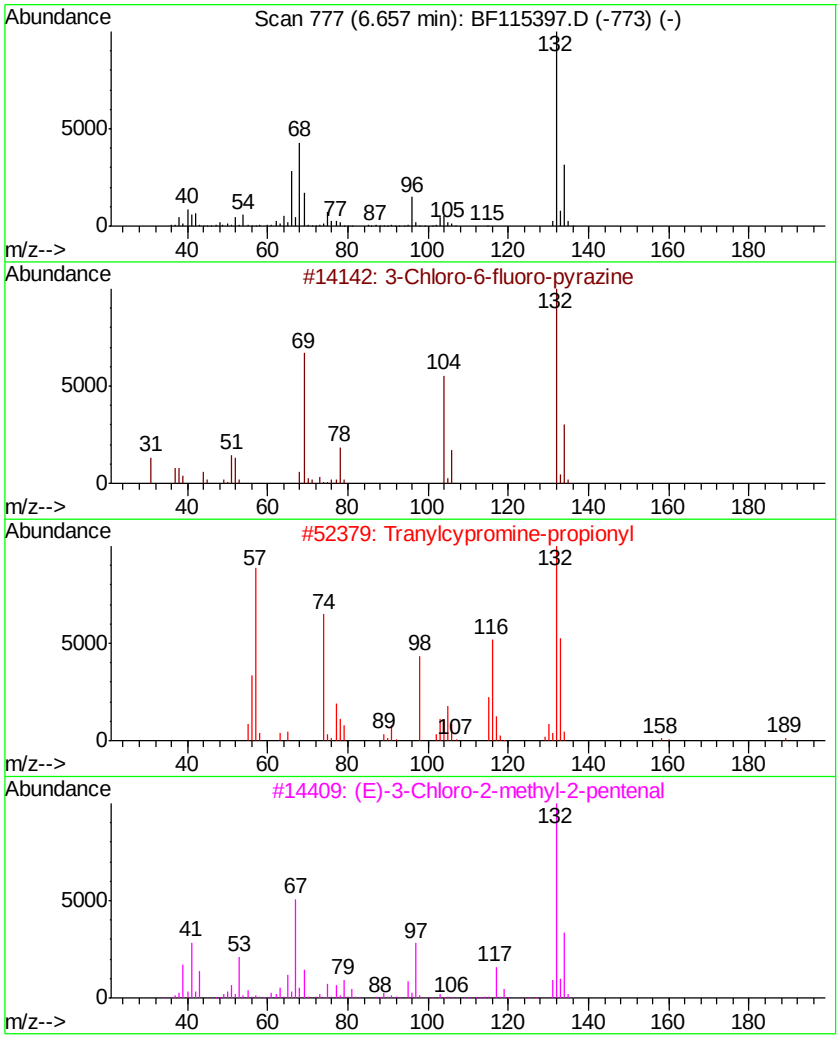
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

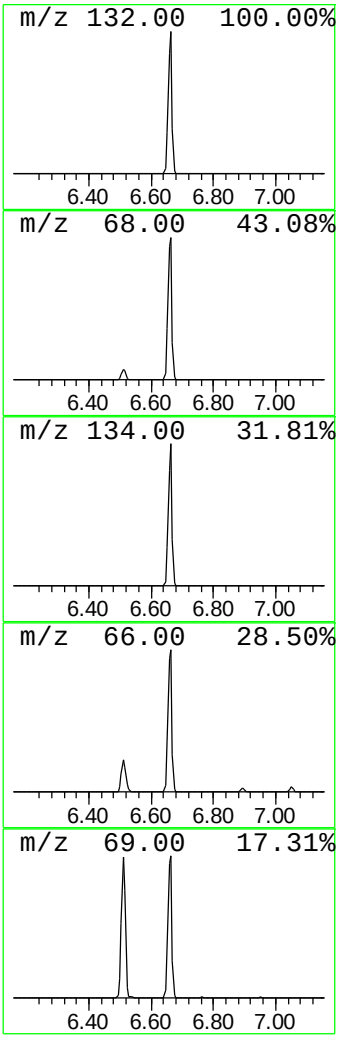
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.99 ng	1645960	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

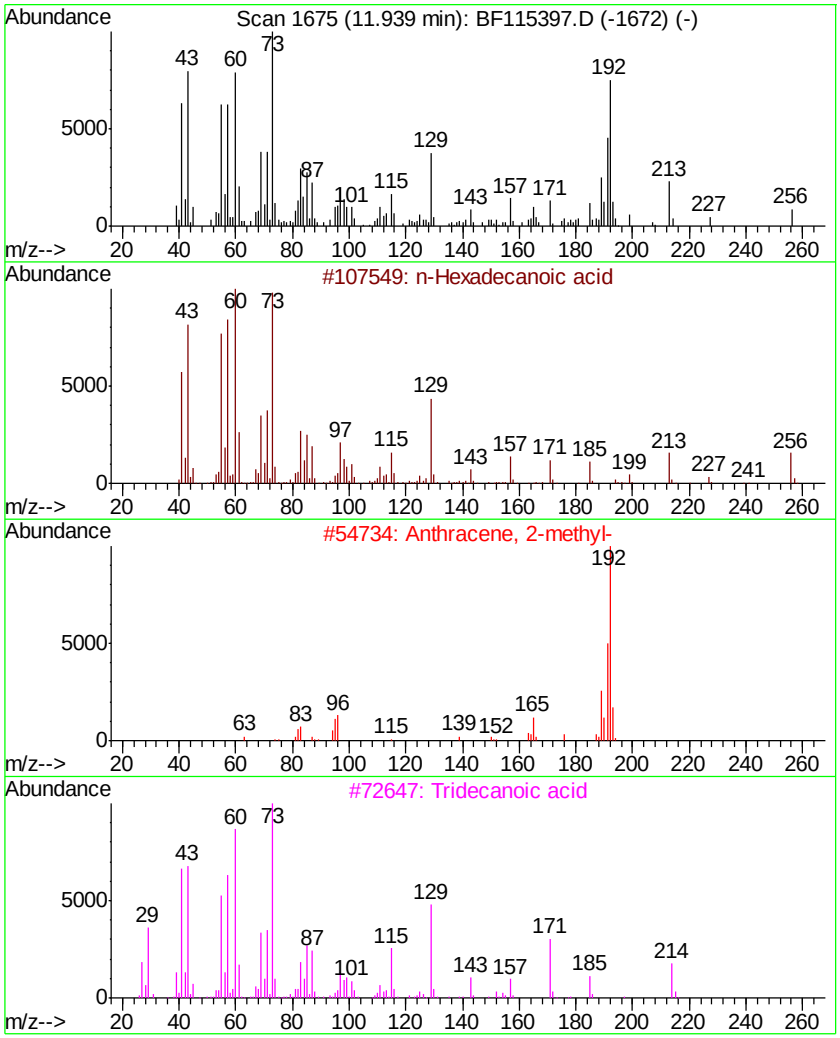
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

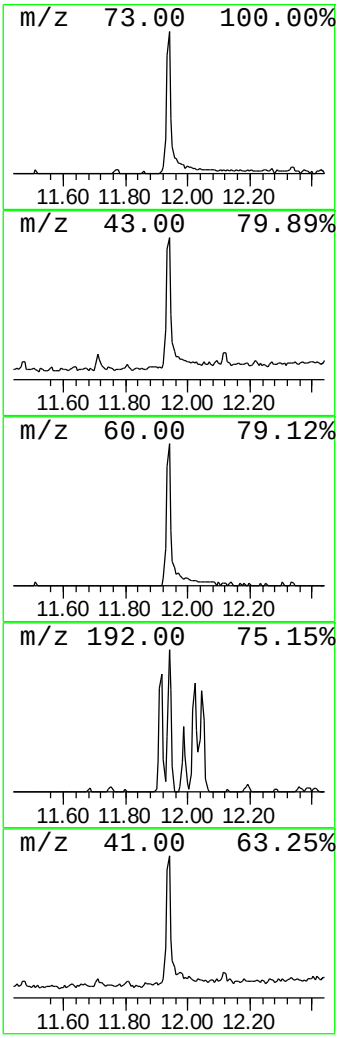
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.76 ng	235514	Phenanthrene-d10	11.41

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	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

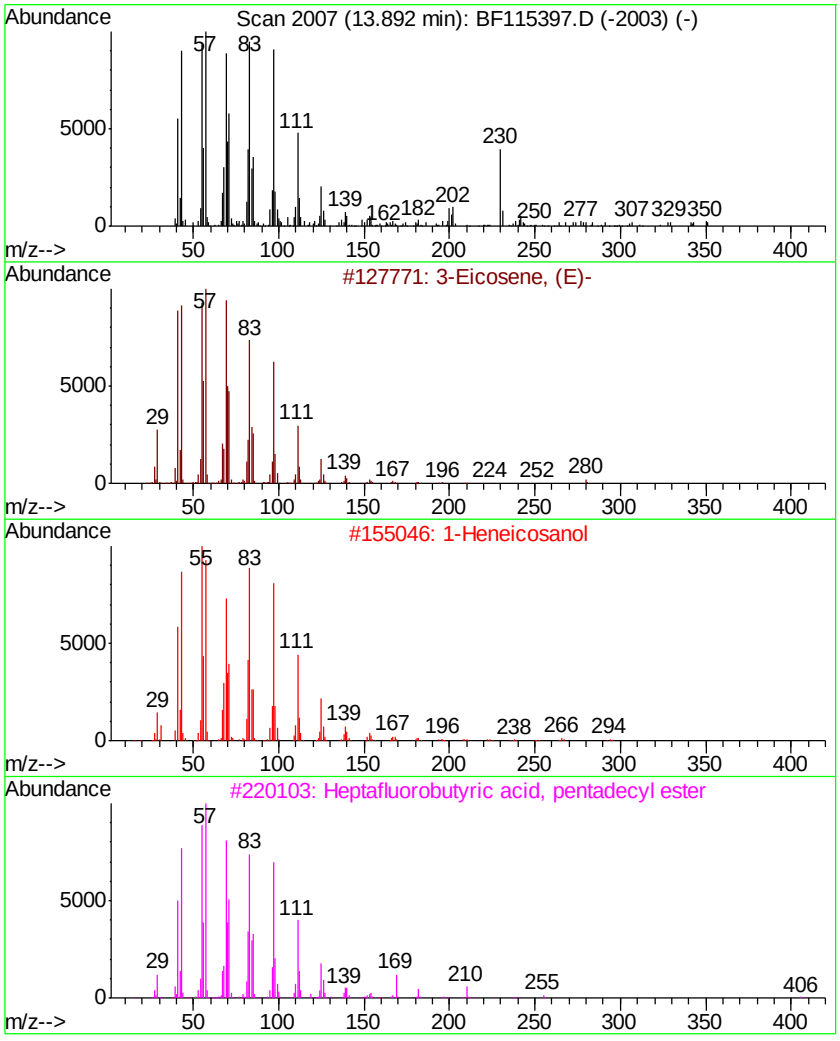
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

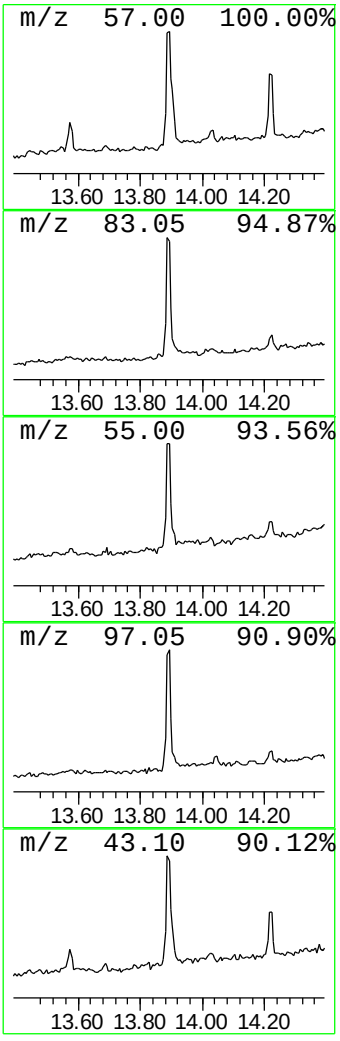
****

Peak Number 5 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.27 ng	330854	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

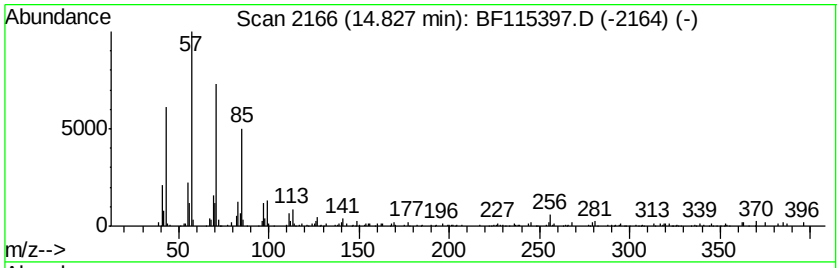
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

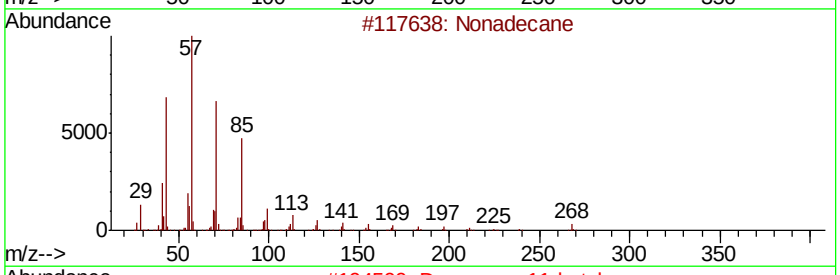
****

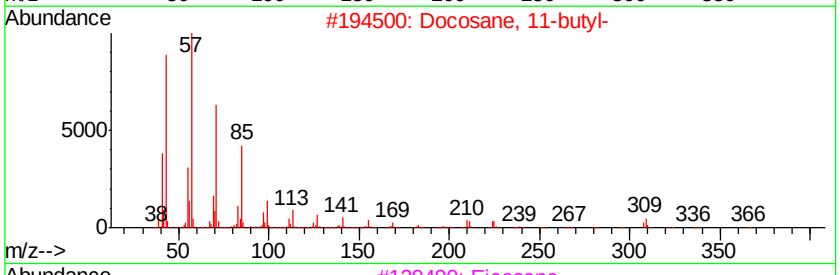
Peak Number 6 Nonadecane Concentration Rank 9

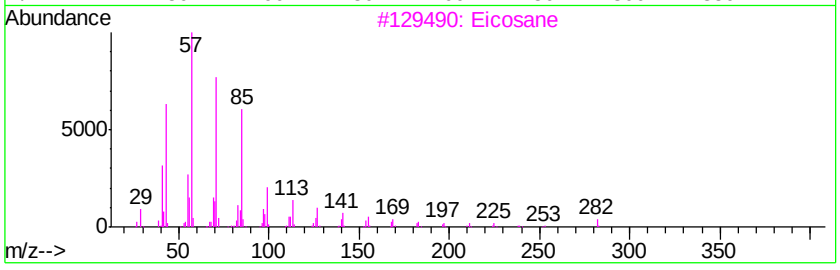
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.52 ng	155948	Perylene-d12	15.52

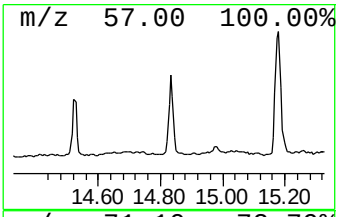
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	86
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80

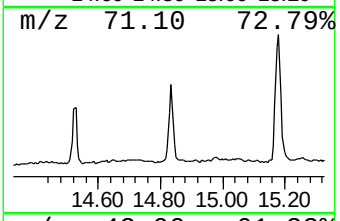


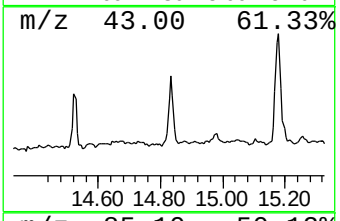


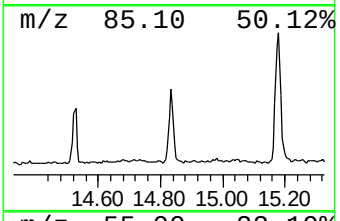


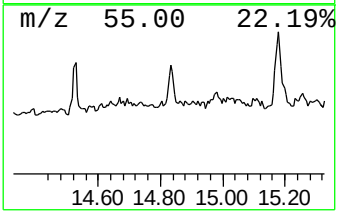












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

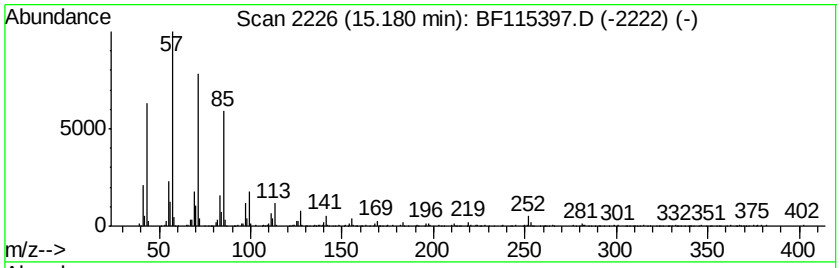
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

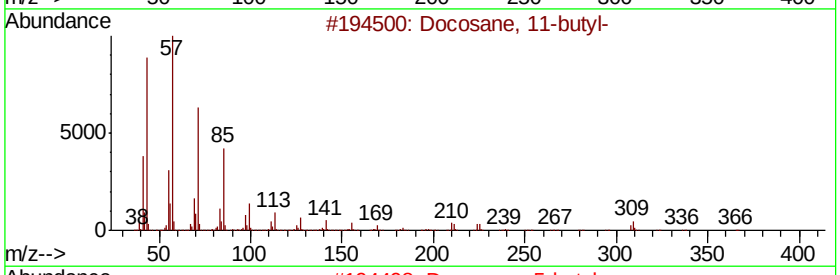
****

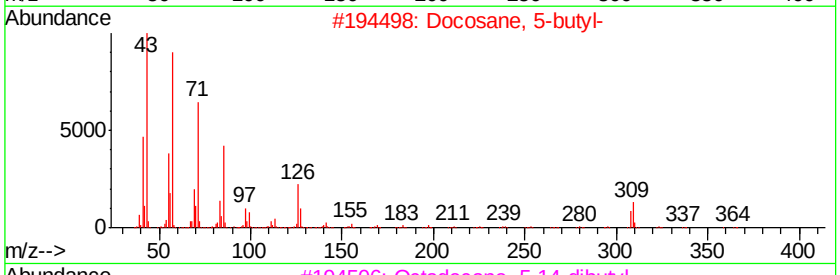
Peak Number 7 Docosane, 11-butyl- Concentration Rank 4

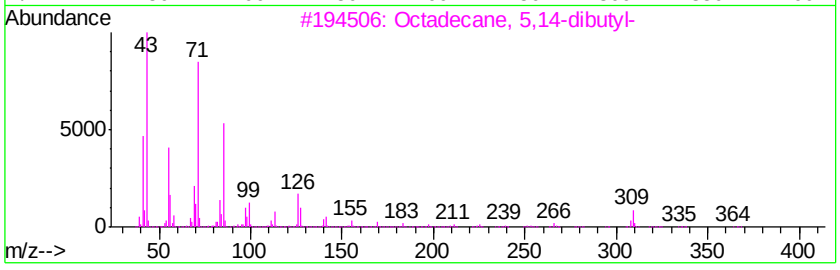
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.44 ng	418773	Perylene-d12	15.52

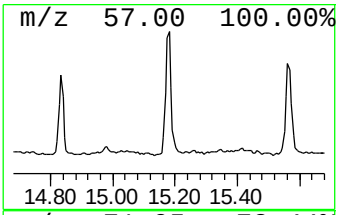
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

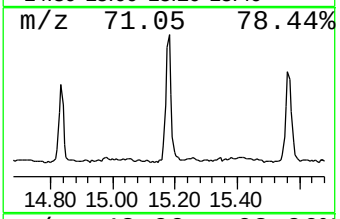


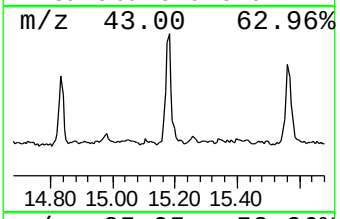


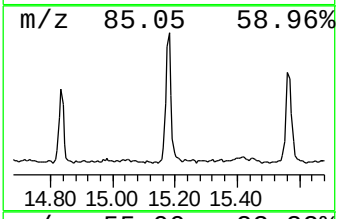


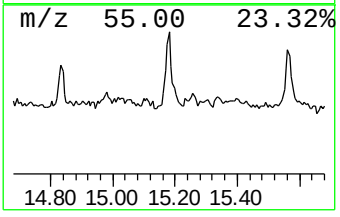












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

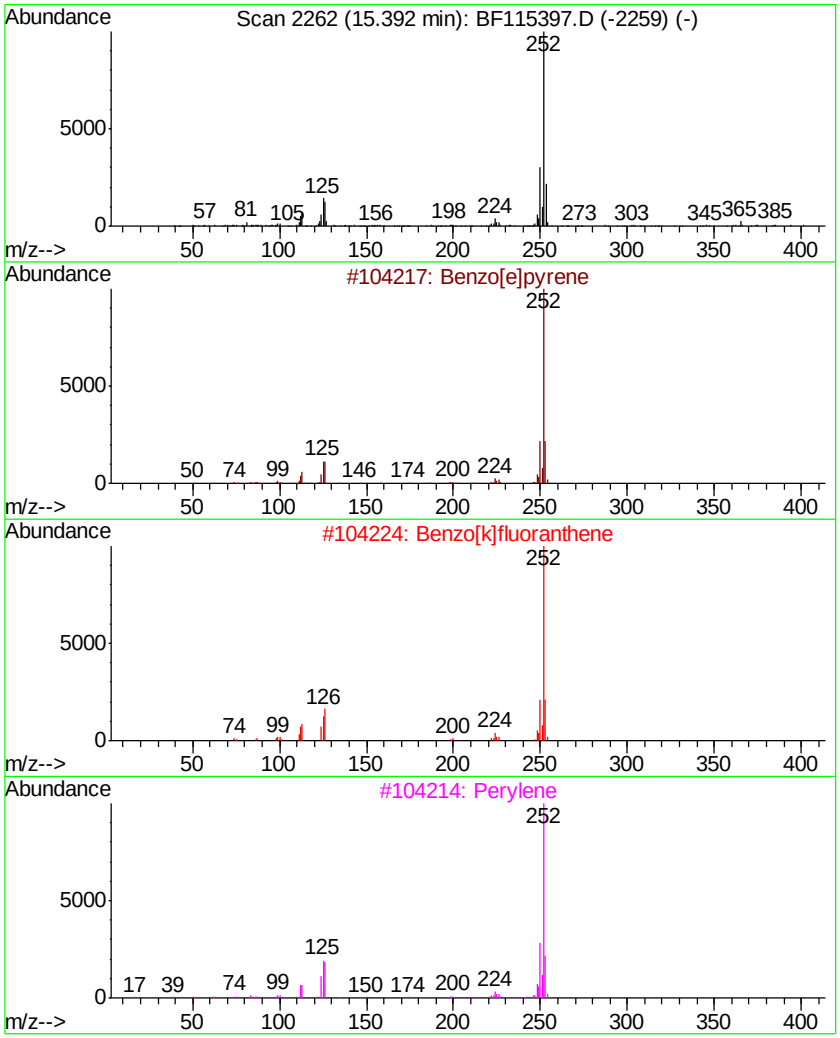
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

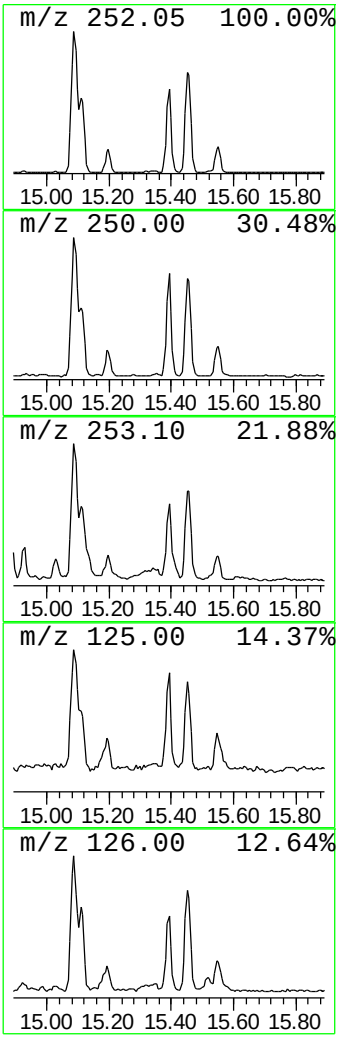
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.64 ng	205604	Perylene-d12	15.52

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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

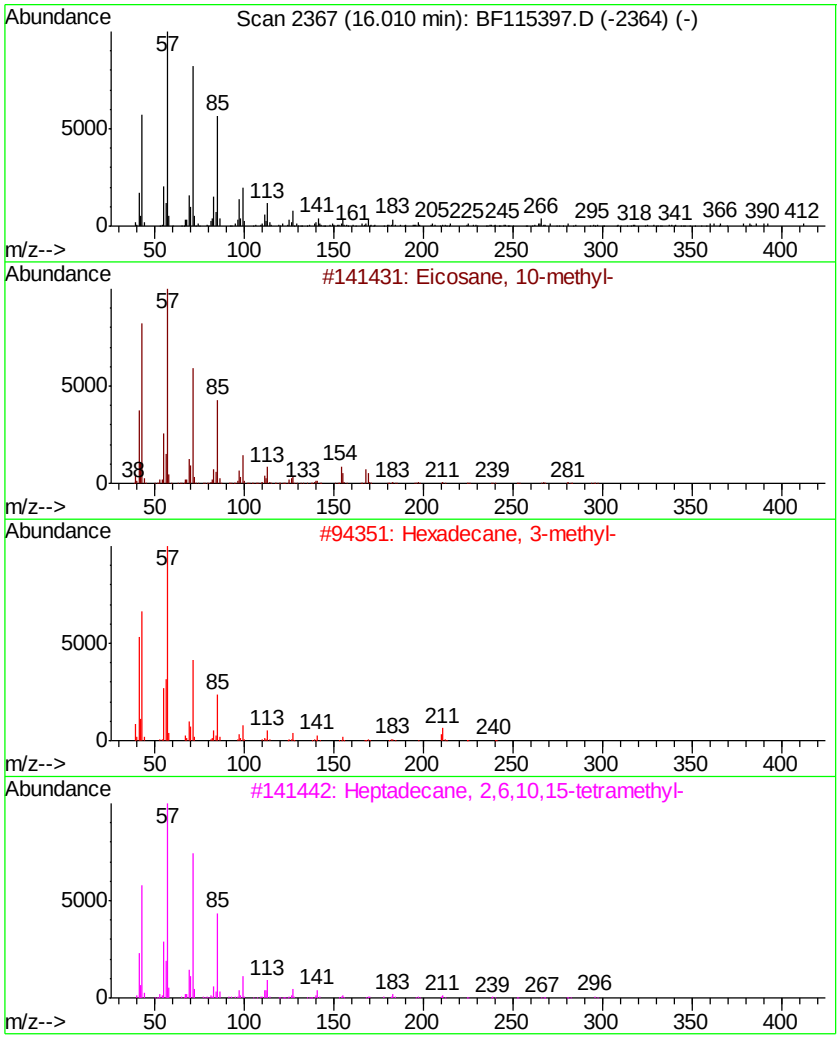
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

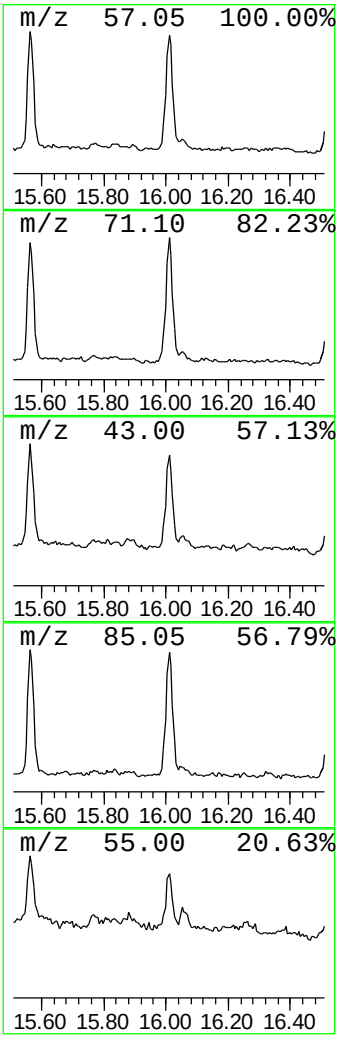
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.47 ng	242650	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-070319-A

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...	2.16	19.7	ng	878334	1	6.89	889835	20.0
unknown6.66	6.66	37.0	ng	1645960	1	6.89	889835	20.0
n-Hexadecanoic acid	11.94	3.8	ng	235514	4	11.41	1251360	20.0
3-Eicosene, (E)-	13.89	4.3	ng	330854	5	14.05	1549180	20.0
Nonadecane	14.83	3.5	ng	155948	6	15.52	887030	20.0
Docosane, 11-butyl-	15.18	9.4	ng	418773	6	15.52	887030	20.0
Benzo[e]pyrene	15.39	4.6	ng	205604	6	15.52	887030	20.0
Eicosane, 10-methyl-	16.01	5.5	ng	242650	6	15.52	887030	20.0