LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

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-BF121918.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	2.252	23	28	35	rVB	91857	140371	2.22%	0.229%
2	3.469	230	235	248	rBV	102280	187334	2.97%	0.306%
3	5.134	513	518	526	rVB	335319	439437	6.96%	0.718%
4	5.540	581	587	590	rBV	5313729	5293876	83.83%	8.646%
5	6.539	751	757	762	rBV2	4778685	6314710	100.00%	10.314%
6	6.675	775	780	783	rBV	5715577	5761667	91.24%	9.410%
7	6.898	814	818	821	rBV	1844417	1493107	23.64%	2.439%
8	7.057	841	845	848	rVB	4868537	4309866	68.25%	7.039%
9	7.457	907	913	916	rBV	3533656	3823421	60.55%	6.245%
10	8.181	1031	1036	1040	rBV	2273393	1943809	30.78%	3.175%
11	9.257	1213	1219	1222	rBV	6535679	6087262	96.40%	9.942%
12	9.645	1280	1285	1289	rBV	754342	692411	10.97%	1.131%
13	9.933	1330	1334	1338	rVB	2384090	2187517	34.64%	3.573%
14	10.586	1440	1445	1452	rBV	41617	70810	1.12%	0.116%
15	10.727	1463	1469	1472	rBV	4088691	4128264	65.38%	6.742%
16	11.286	1561	1564	1567	rBV2	74385	73053	1.16%	0.119%
17	11.316	1567	1569	1575	rVB	86608	90135	1.43%	0.147%
18	11.422	1583	1587	1589	rBV	2389906	2010792	31.84%	3.284%
19	11.445	1589	1591	1593	rVV	351668	273609	4.33%	0.447%
20	11.492	1597	1599	1602	rVB	112859	88709	1.40%	0.145%
21	11.945	1673	1676	1680	rVB2	461930	369903	5.86%	0.604%
22	12.033	1687	1691	1693	rBV2	105793	102420	1.62%	0.167%
23	12.216	1719	1722	1727	rVB3	52974	63186	1.00%	0.103%
24	12.469	1762	1765	1768	rVB2	64397	67004	1.06%	0.109%
25	12.510	1769	1772	1777	rVB2	103597	94958	1.50%	0.155%
26	12.633	1789	1793	1796	rBV	946757	827343	13.10%	1.351%
27	12.727	1806	1809	1816	rBV	154774	168759	2.67%	0.276%
28	12.863	1826	1832	1834	rBV	724730	767937	12.16%	1.254%
29	12.898	1837	1838	1845	rVB3	109101	106578	1.69%	0.174%
30	13.004	1852	1856	1859	rVB	4995981	4487298	71.06%	7.329%
31	13.074	1864	1868	1872	rBV2	53192	91251	1.45%	0.149%
32	13.186	1884	1887	1890	rVB	128868	121096	1.92%	0.198%
33	13.233	1892	1895	1897	rBV	113056	106174	1.68%	0.173%
34	13.257	1897	1899	1901	rVB	93079	73138	1.16%	0.119%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.292	1901	1905	1908	rBV2	73364	78285	1.24%	0.128%
36	13.480	1935	1937	1940	rVB2	97880	84702	1.34%	0.138%
37	13.580	1951	1954	1962	rVB2	169584	217024	3.44%	0.354%
38	13.692	1971	1973	1978	rVB	57788	67110	1.06%	0.110%
39	13.898	2004	2008	2016	rVB4	435999	594277	9.41%	0.971%
40	14.057	2027	2035	2038	rBV2	1838931	2140719	33.90%	3.496%
41	14.080	2038	2039	2042	rVB	410132	252436	4.00%	0.412%
42	14.221	2060	2063	2065	rBV	282292	254163	4.02%	0.415%
43	14.274	2069	2072	2076	rVV3	66336	97658	1.55%	0.160%
44	14.439	2098	2100	2103	rVB2	67472	67213	1.06%	0.110%
45	14.527	2112	2115	2119	rVB2	306697	299685	4.75%	0.489%
46	14.686	2139	2142	2145	rVB2	156507	139897	2.22%	0.228%
47	14.839	2164	2168	2171	rBV	242567	241645	3.83%	0.395%
48	14.915	2178	2181	2184	rBV2	75512	70016	1.11%	0.114%
49	15.098	2208	2212	2216	rBV	333530	560363	8.87%	0.915%
50	15.180	2223	2226	2229	rBV	224950	256820	4.07%	0.419%
51	15.210	2229	2231	2237	rVB	94165	100342	1.59%	0.164%
52	15.410	2261	2265	2271	rVB	210376	286502	4.54%	0.468%
53	15.474	2271	2276	2281	rVV	282762	365741	5.79%	0.597%
54	15.539	2282	2287	2290	rVV	1161961	1478682	23.42%	2.415%
55	15.568	2290	2292	2299	rVB	275380	352703	5.59%	0.576%
56	16.015	2365	2368	2373	rVB	130883	177812	2.82%	0.290%
57	17.015	2534	2538	2548	rVB2	90249	186508	2.95%	0.305%

Sum of corrected areas: 61227508

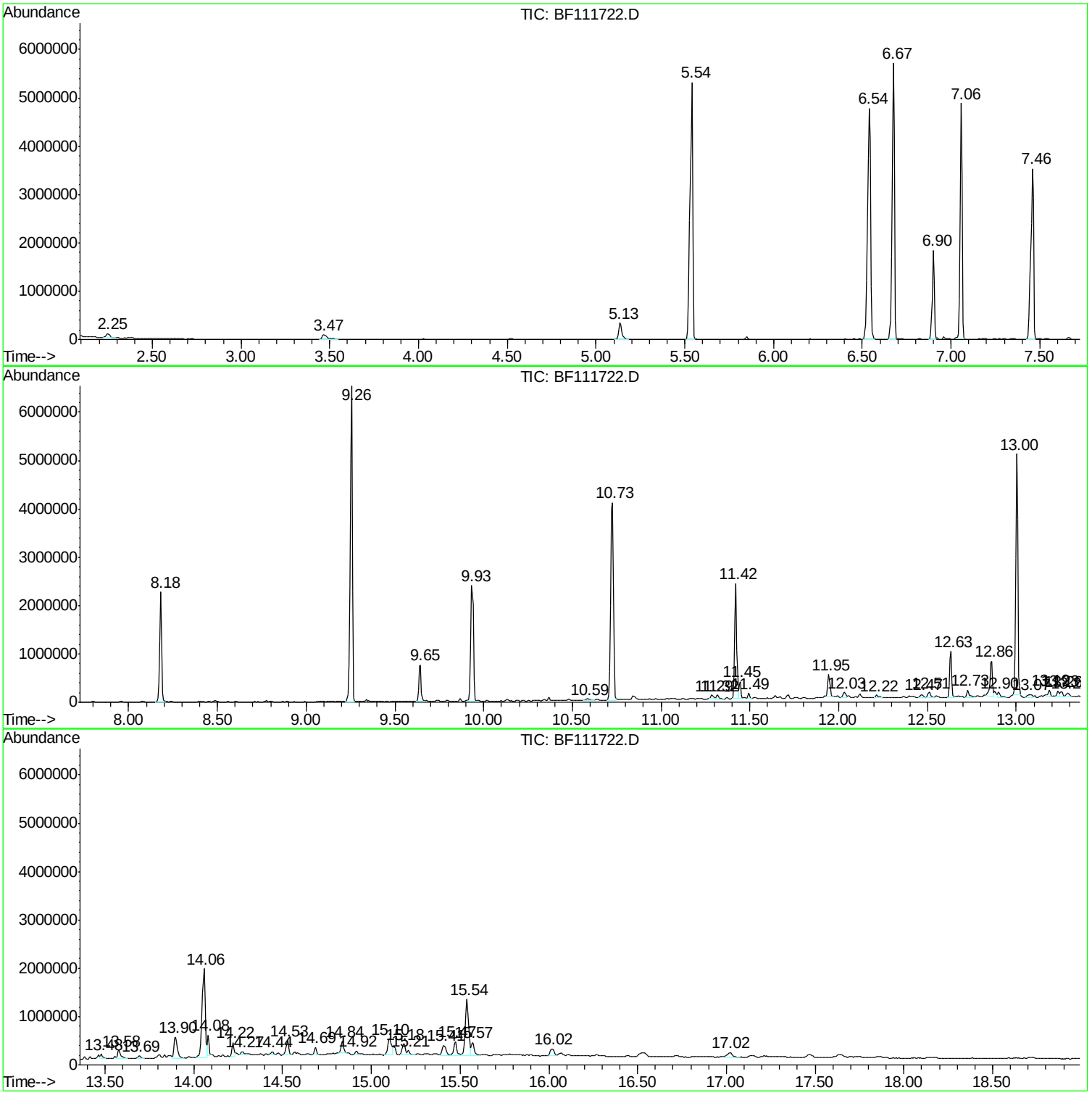
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

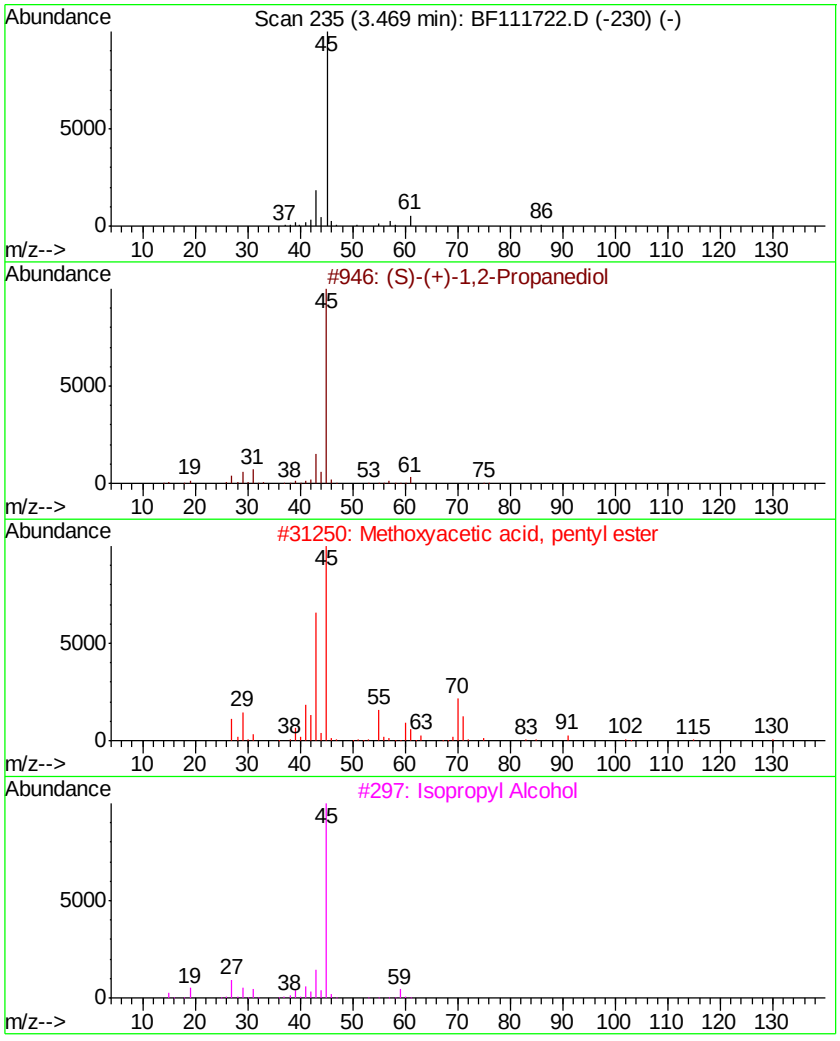
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

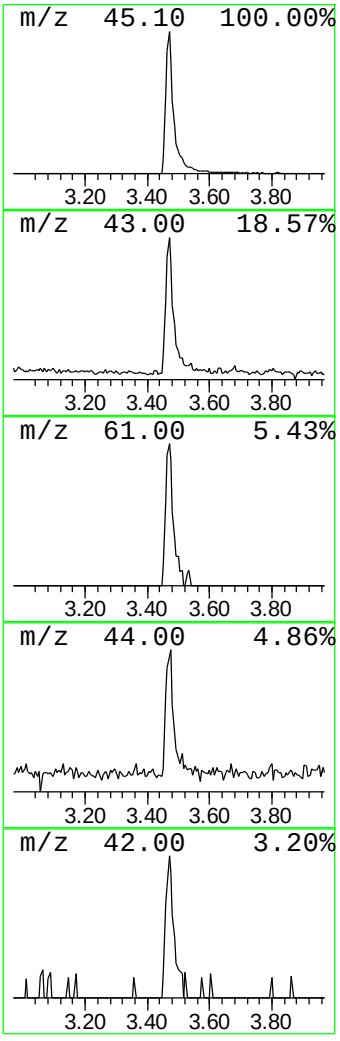
****

Peak Number 1 unknown3.47 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	2.51 ng	187334	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Muramic acid	251	C9H17NO7	001114-41-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

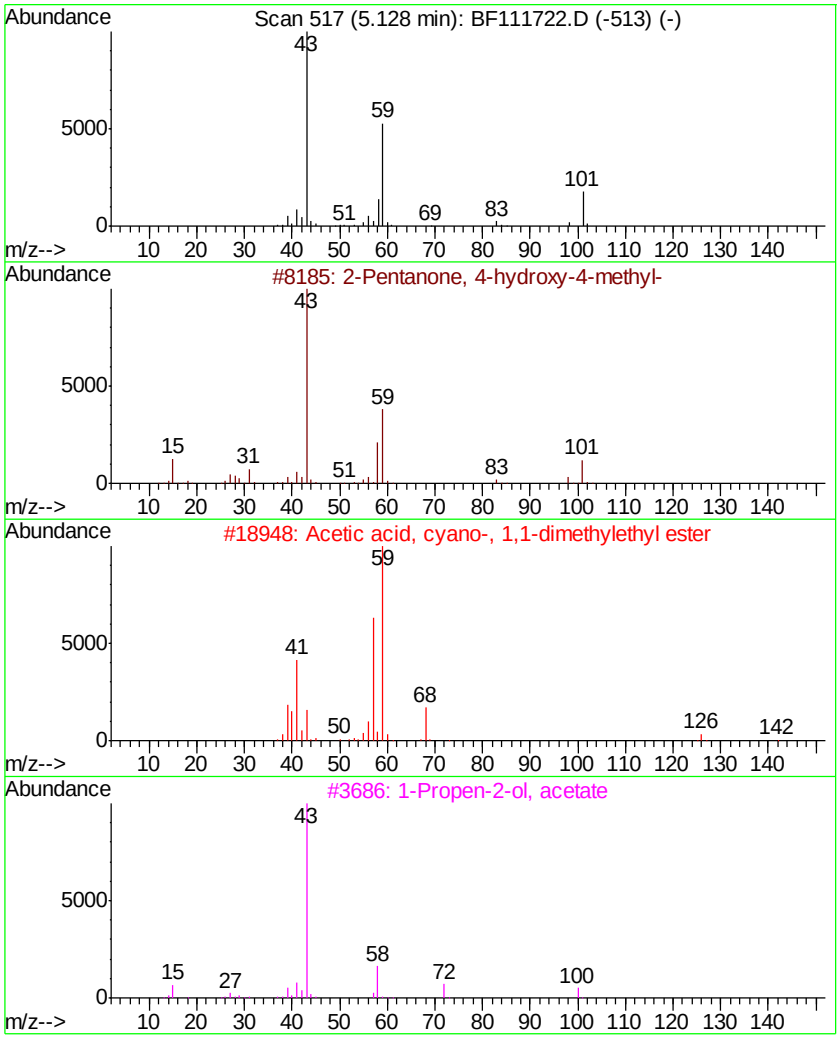
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

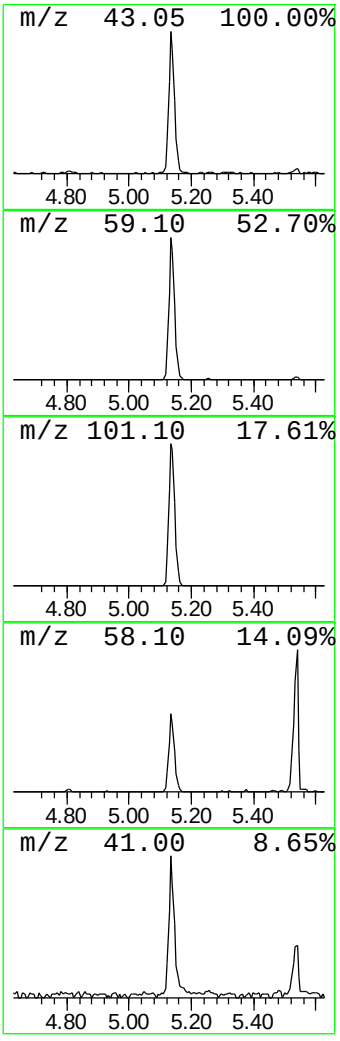
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.89 ng	439437	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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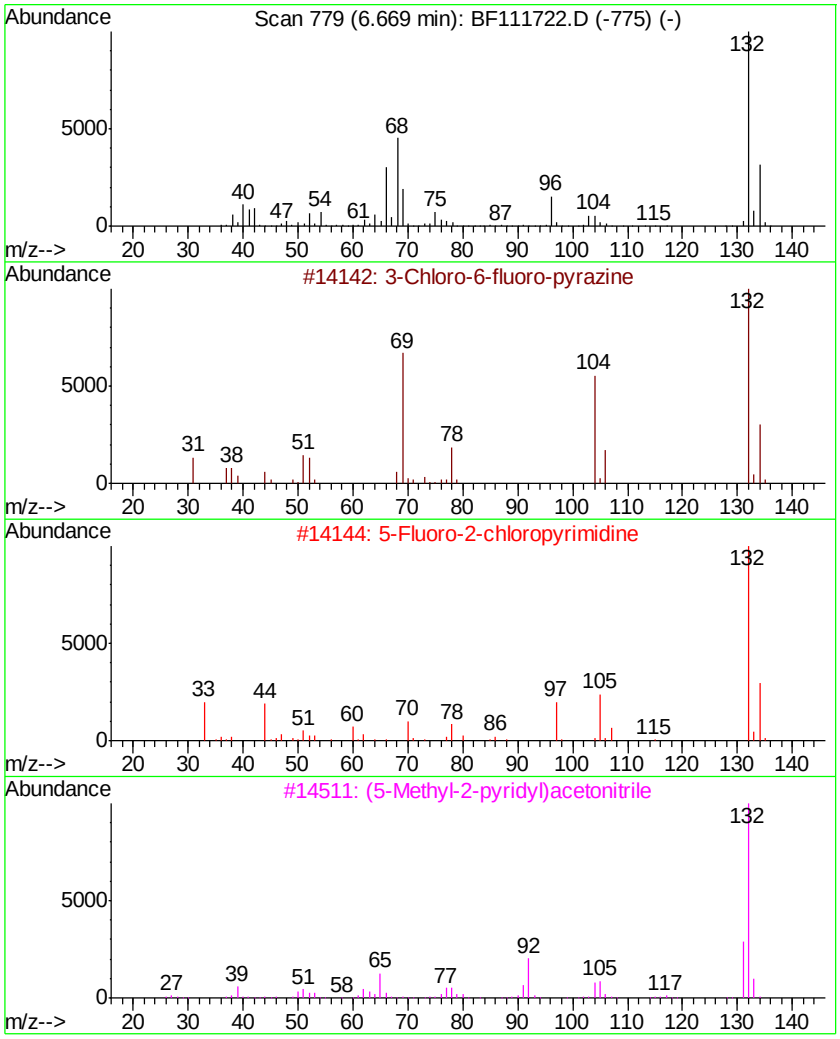
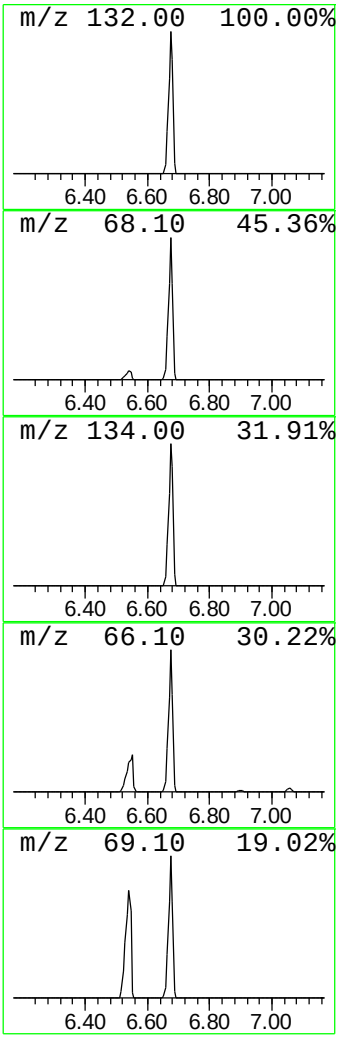
Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	77.18 ng	5761670	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

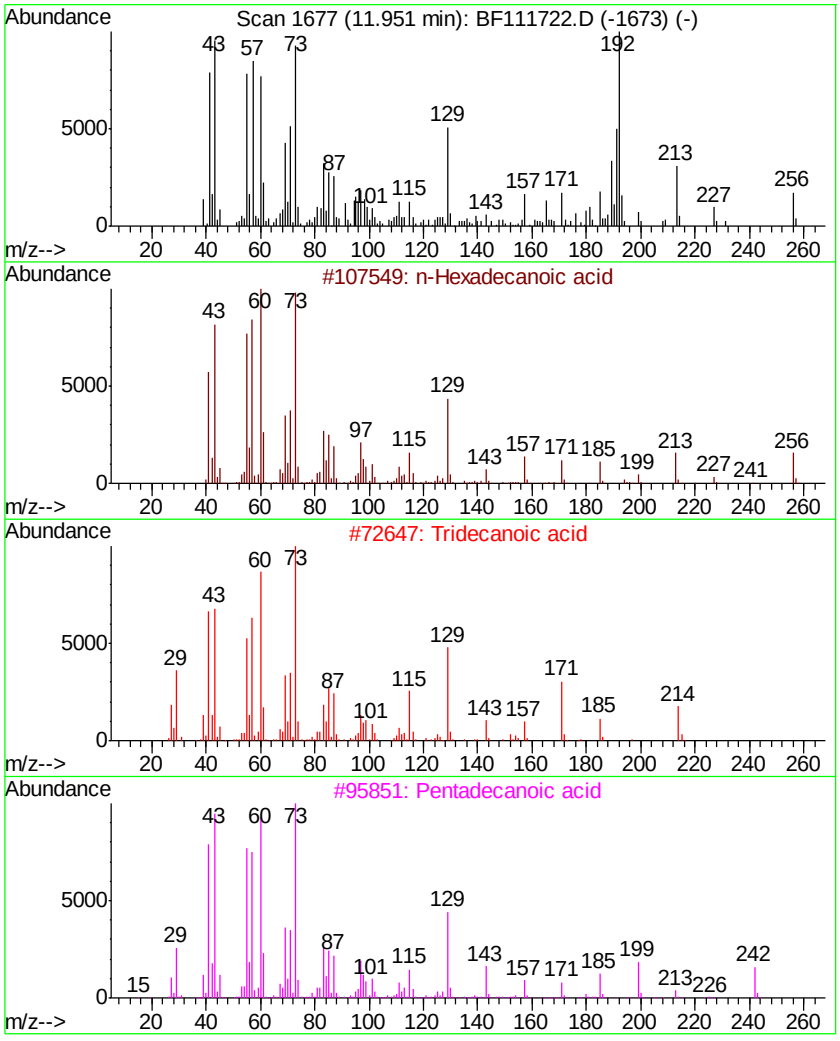
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

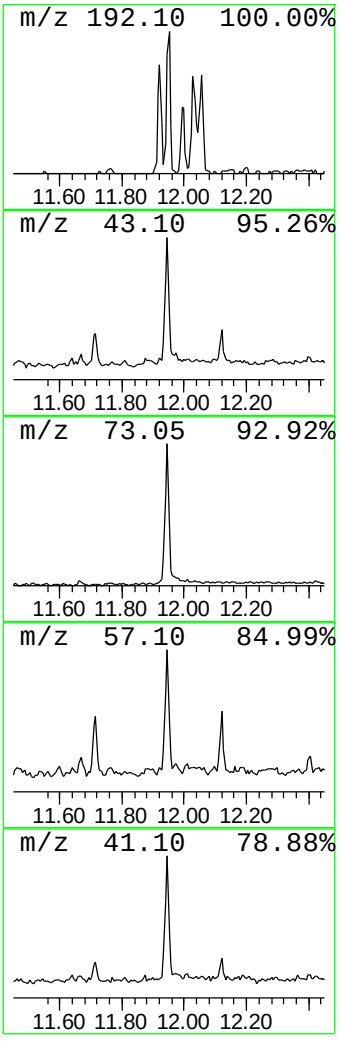
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.68 ng	369903	Phenanthrene-d10	11.42

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

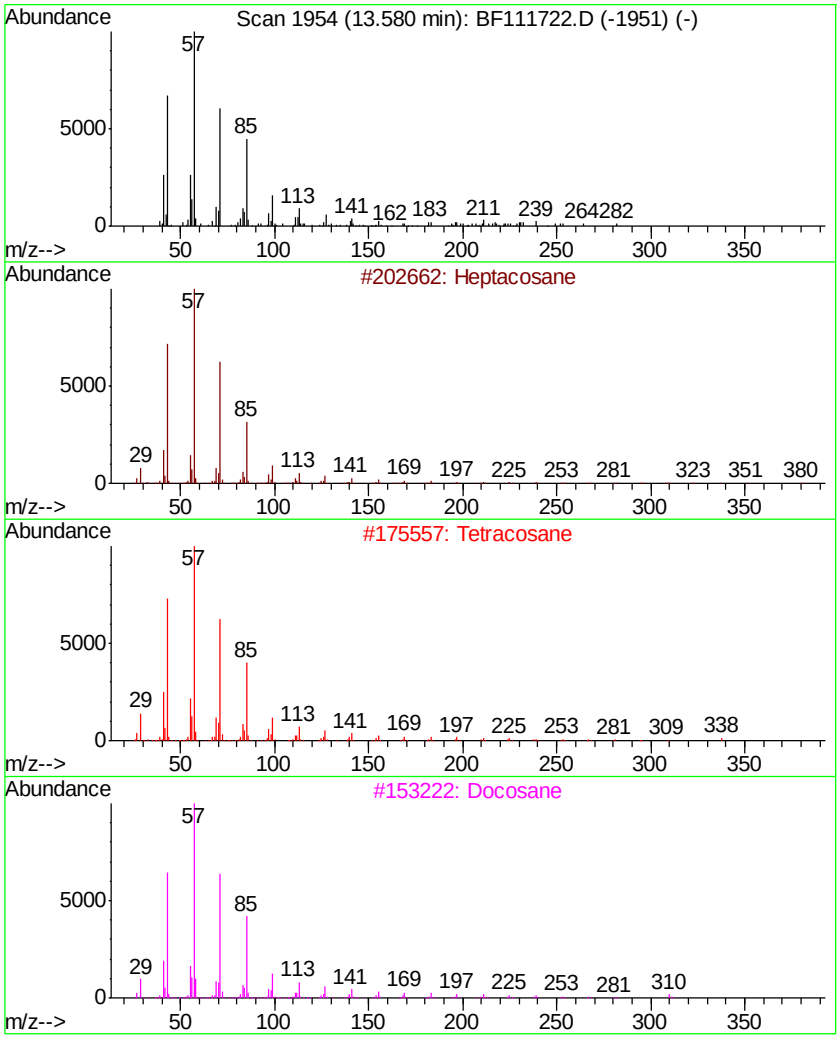
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

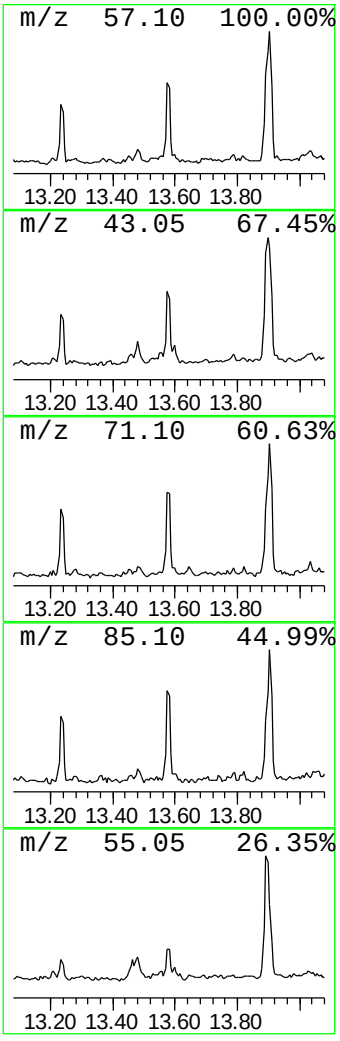
****

Peak Number 6 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.03 ng	217024	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Tetracosane	338	C24H50	000646-31-1	83
3	Docosane	310	C22H46	000629-97-0	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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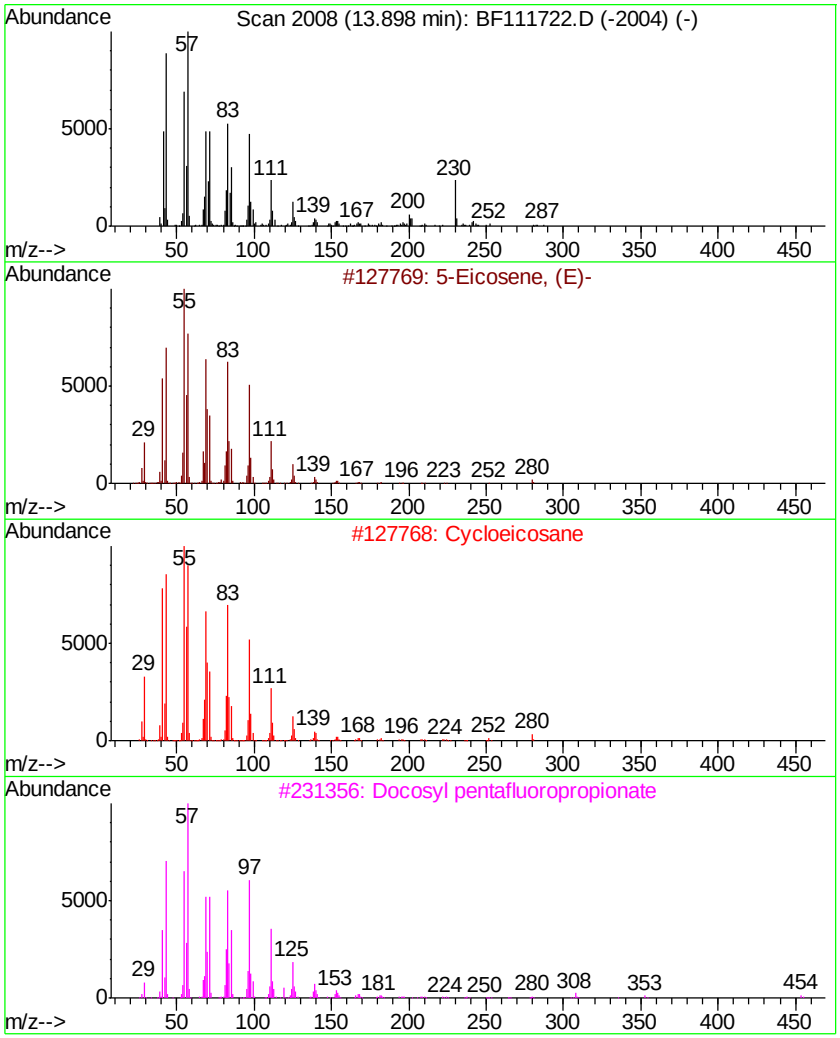
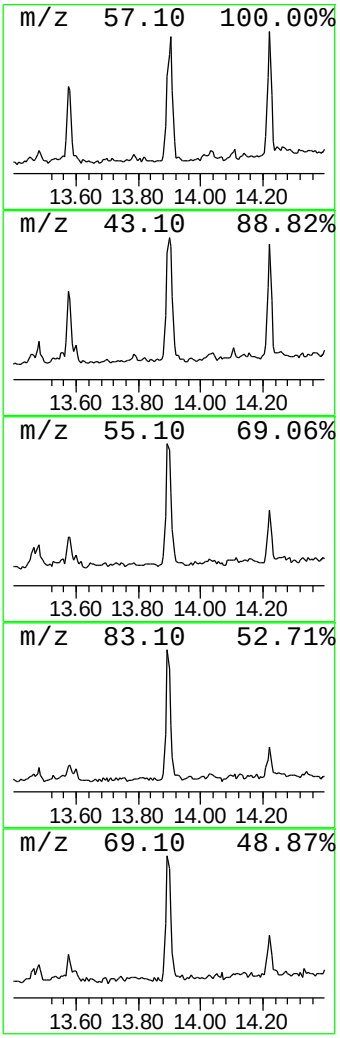
Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.55 ng	594277	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cycloeicosane	280	C20H40	000296-56-0	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90
5	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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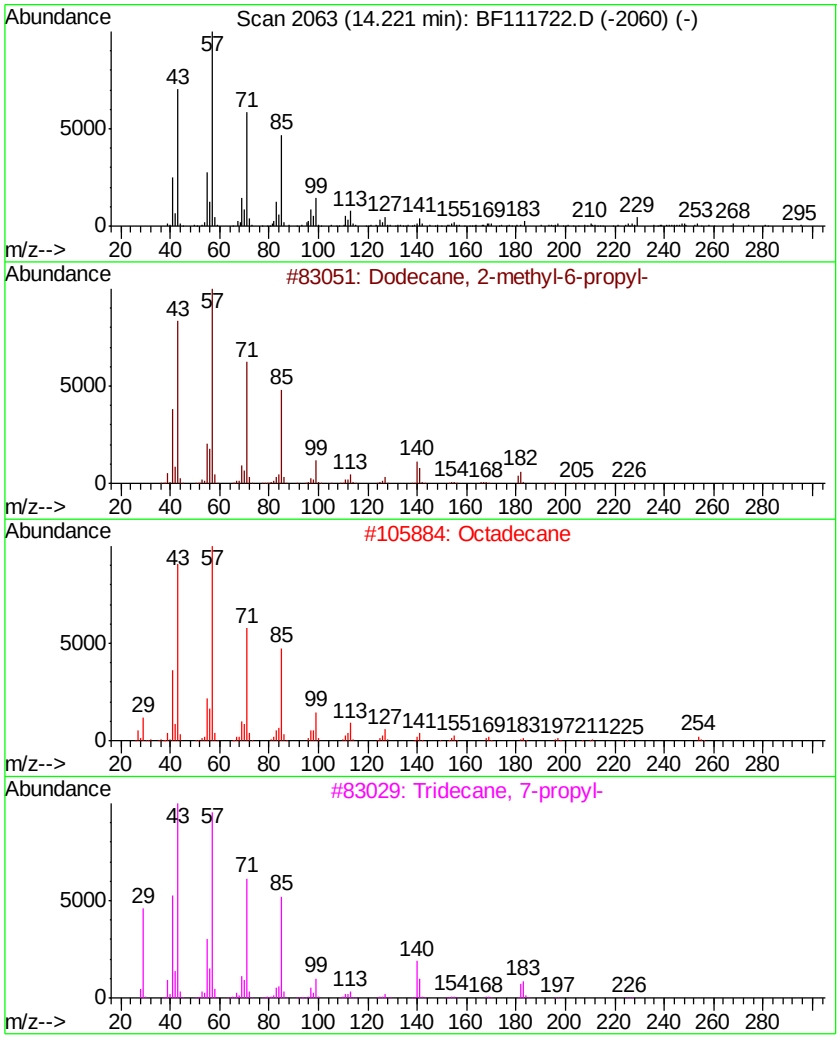
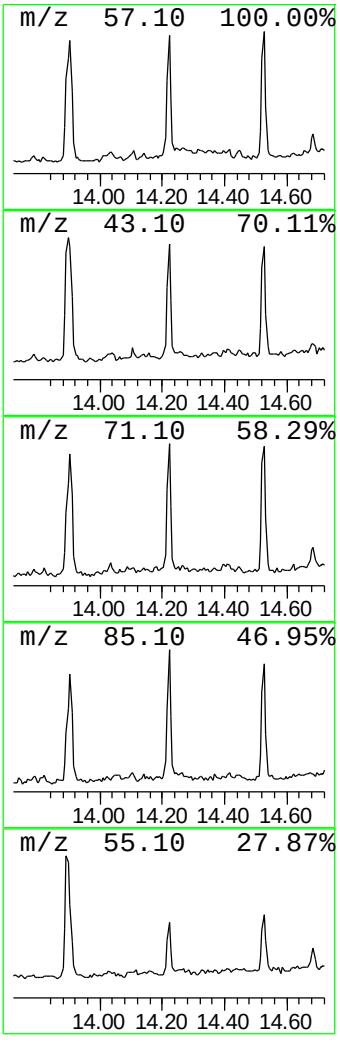
Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.37 ng	254163	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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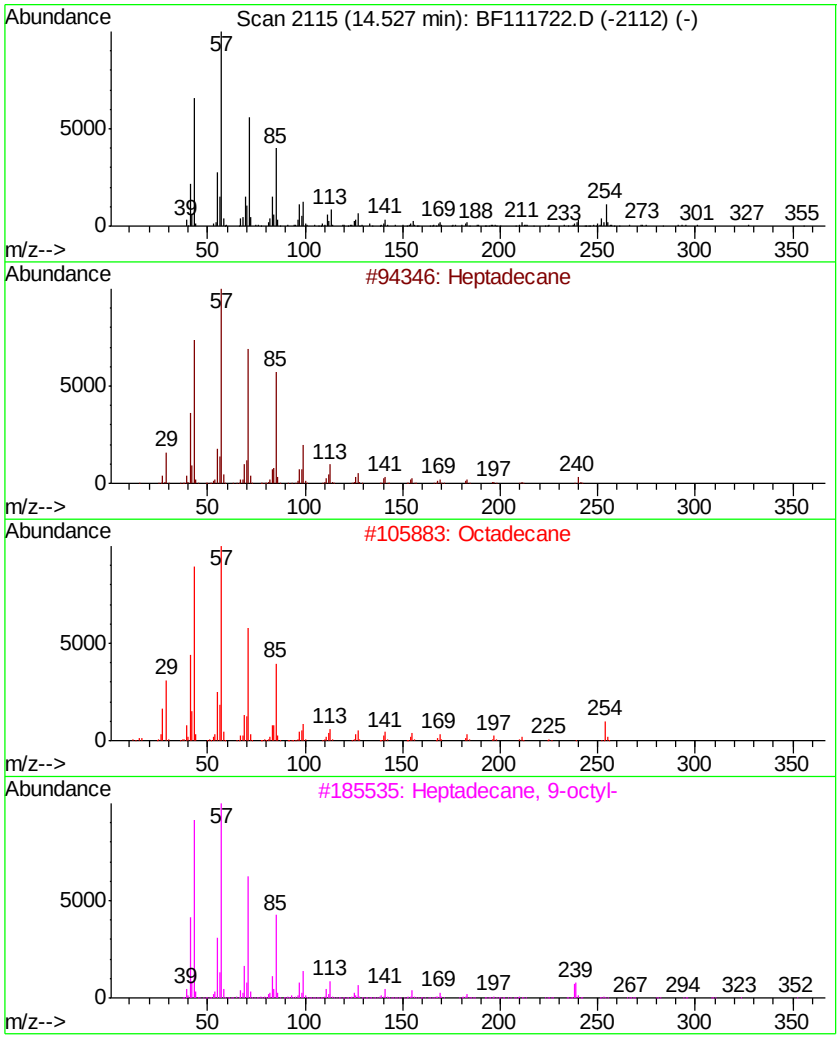
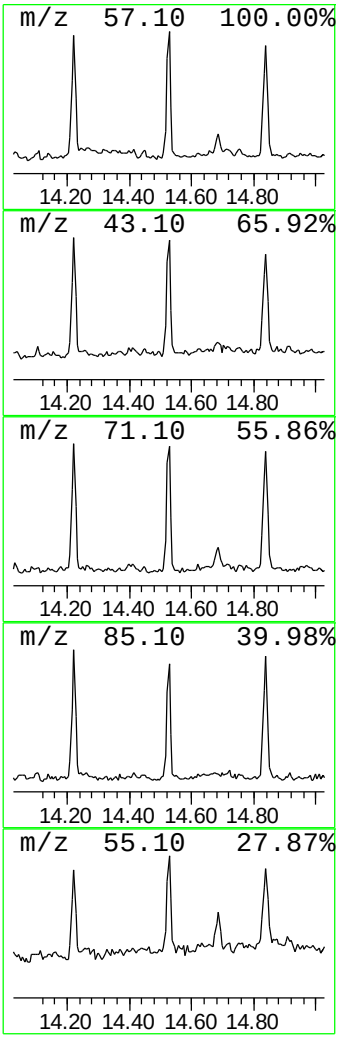
Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.80 ng	299685	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81





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Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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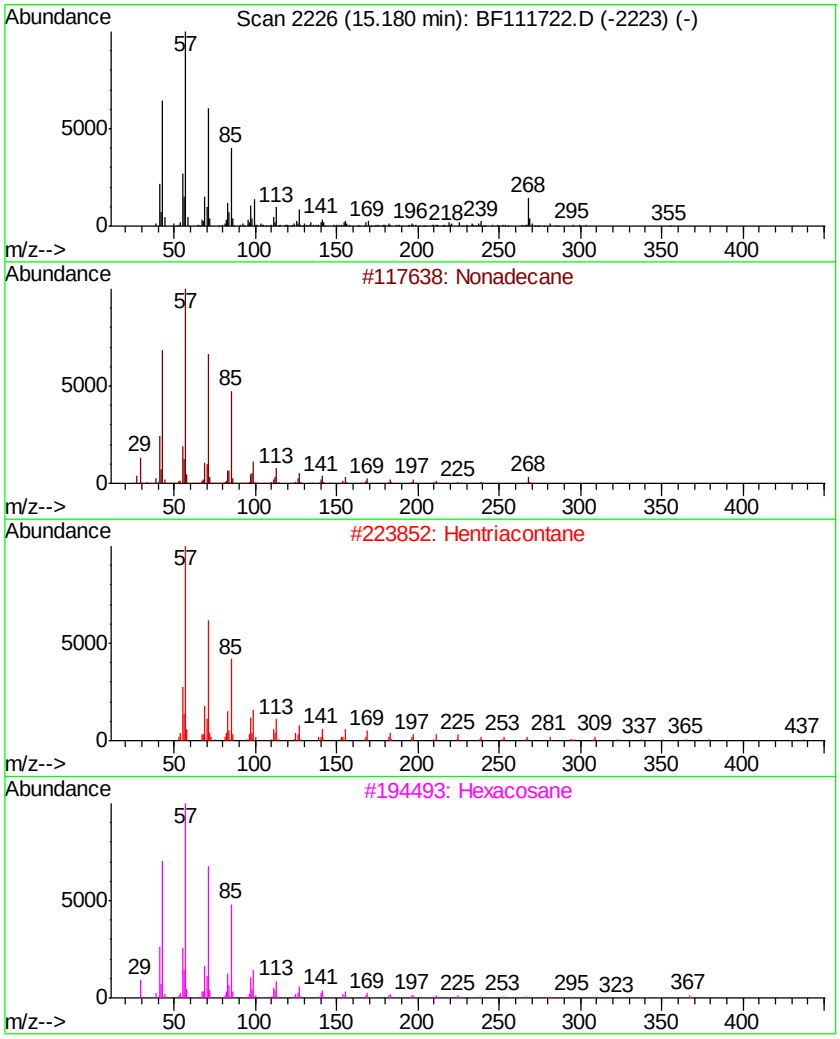
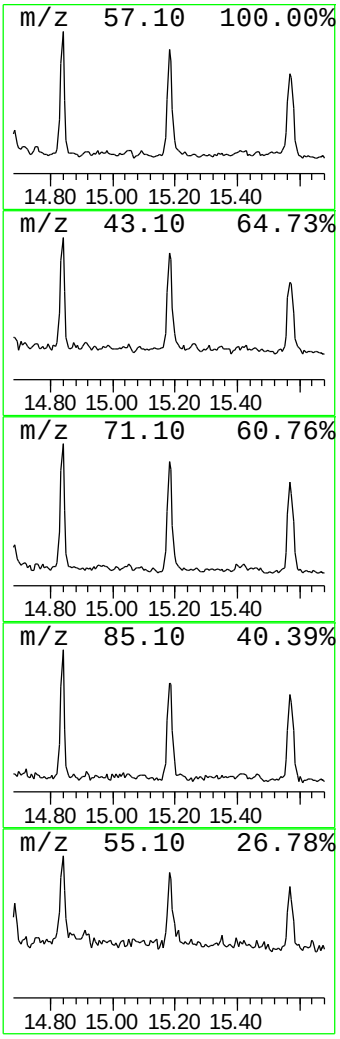
Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.47 ng	256820	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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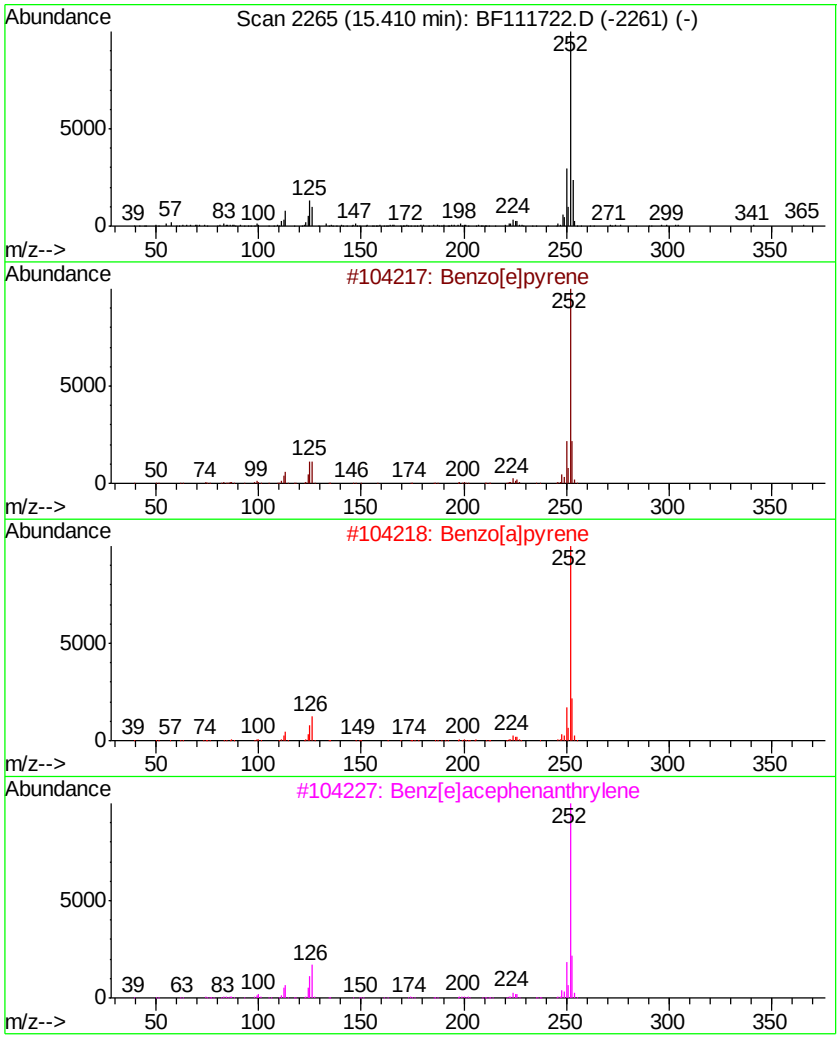
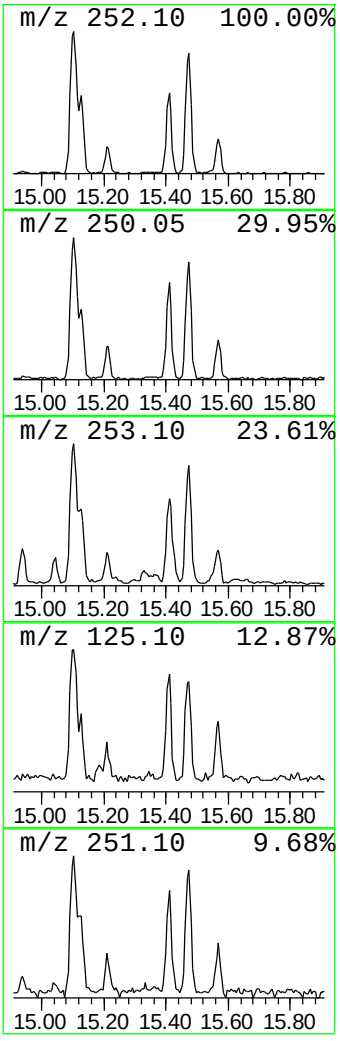
Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.88 ng	286502	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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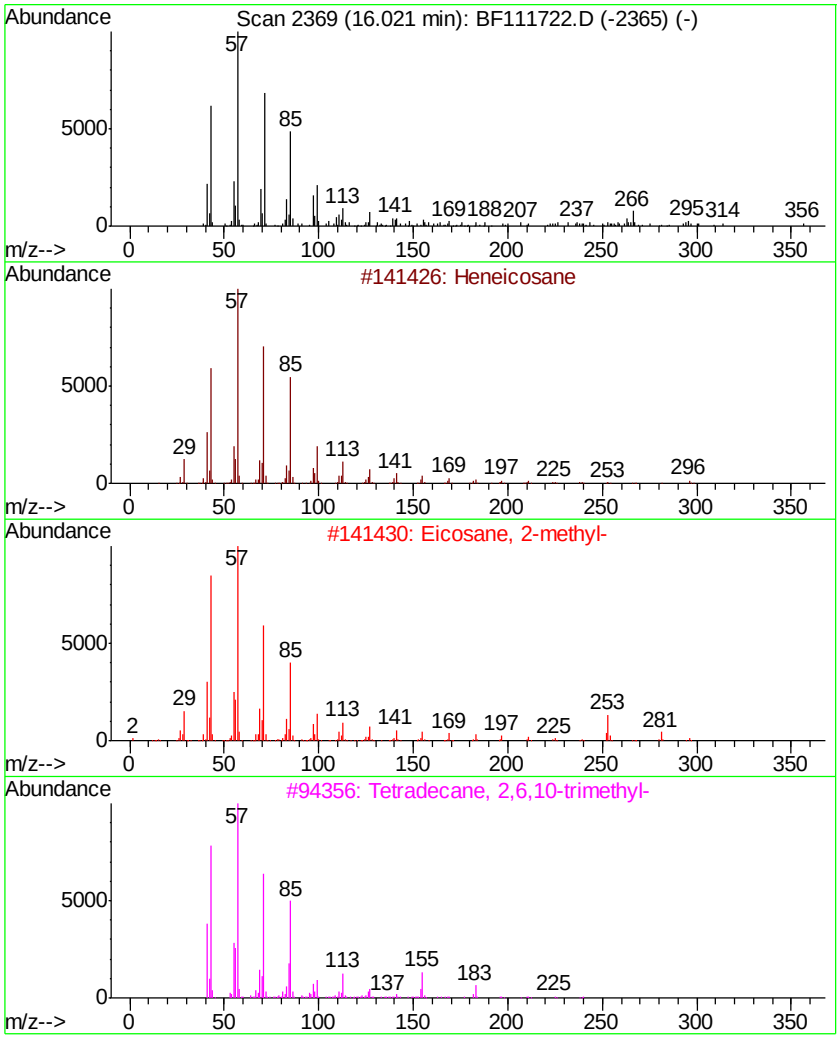
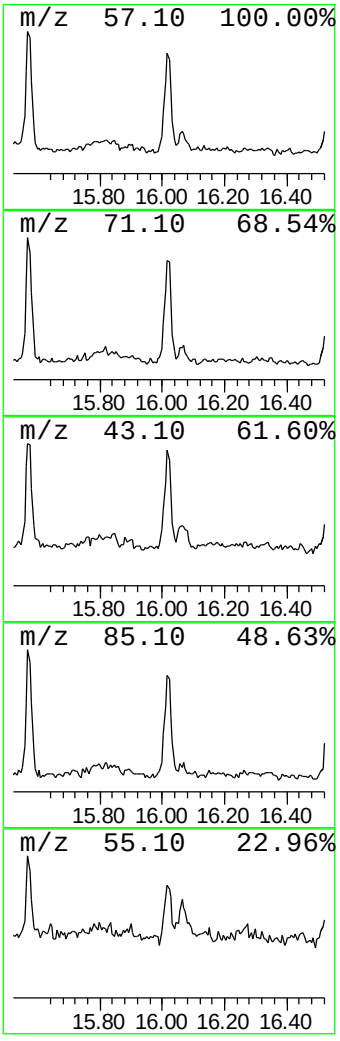
Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.41 ng	177812	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111722.D
Acq On : 26 Dec 2018 19:14
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown3.47	3.47	2.5	ng	187334	1	6.90	1493110	20.0
2-Pentanone, 4-hy...	5.13	5.9	ng	439437	1	6.90	1493110	20.0
unknown6.67	6.67	77.2	ng	5761670	1	6.90	1493110	20.0
n-Hexadecanoic acid	11.95	3.7	ng	369903	4	11.42	2010790	20.0
Heptacosane	13.58	2.0	ng	217024	5	14.06	2140720	20.0
5-Eicosene, (E)-	13.90	5.5	ng	594277	5	14.06	2140720	20.0
Dodecane, 2-methy...	14.22	2.4	ng	254163	5	14.06	2140720	20.0
Heptadecane	14.53	2.8	ng	299685	5	14.06	2140720	20.0
Nonadecane	15.18	3.5	ng	256820	6	15.54	1478680	20.0
Benzo[e]pyrene	15.41	3.9	ng	286502	6	15.54	1478680	20.0
Heneicosane	16.02	2.4	ng	177812	6	15.54	1478680	20.0