LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

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-BF091319.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	5.446	567	571	591	rBV	1010399	1096385	72.86%	7.909%
2	6.463	739	744	763	rBV	1297751	1285546	85.44%	9.273%
3	6.598	763	767	770	rBV	1336884	1266899	84.20%	9.138%
4	6.822	802	805	815	rBV	407905	339466	22.56%	2.449%
5	6.981	828	832	846	rBV	1120214	977299	64.95%	7.050%
6	7.381	896	900	919	rBV	706501	769267	51.12%	5.549%
7	8.104	1019	1023	1040	rBV	377755	438767	29.16%	3.165%
8	9.175	1201	1205	1218	rBV	1586582	1504683	100.00%	10.854%
9	9.569	1269	1272	1280	rBV	58801	63467	4.22%	0.458%
10	9.851	1316	1320	1335	rBV	578118	531305	35.31%	3.832%
11	10.639	1450	1454	1466	rBV	843291	897206	59.63%	6.472%
12	11.333	1568	1572	1575	rBV	507272	505322	33.58%	3.645%
13	11.857	1658	1661	1665	rBV2	33266	36357	2.42%	0.262%
14	12.545	1774	1778	1783	rBV	182196	183633	12.20%	1.325%
15	12.769	1811	1816	1821	rBV	164152	202225	13.44%	1.459%
16	12.910	1836	1840	1850	rVB	1624065	1483746	98.61%	10.703%
17	12.992	1850	1854	1858	rVB4	13303	21958	1.46%	0.158%
18	13.074	1865	1868	1870	rBV4	13797	16893	1.12%	0.122%
19	13.386	1917	1921	1923	rBV5	16073	15770	1.05%	0.114%
20	13.480	1934	1937	1939	rBV	22958	16981	1.13%	0.122%
21	13.610	1955	1959	1963	rBV2	16566	16739	1.11%	0.121%
22	13.716	1974	1977	1979	rBV3	18161	18408	1.22%	0.133%
23	13.804	1988	1992	2001	rVB7	88799	152223	10.12%	1.098%
24	13.963	2012	2019	2022	rBV2	401801	509897	33.89%	3.678%
25	13.986	2022	2023	2032	rVB	85744	95970	6.38%	0.692%
26	14.121	2043	2046	2050	rBV	50379	50703	3.37%	0.366%
27	14.427	2095	2098	2105	rBV	80279	79860	5.31%	0.576%
28	14.580	2121	2124	2129	rBV6	14555	19790	1.32%	0.143%
29	14.727	2146	2149	2153	rBV	94846	87710	5.83%	0.633%
30	14.998	2191	2195	2198	rBV	74703	114216	7.59%	0.824%
31	15.057	2202	2205	2210	rVV	97723	119350	7.93%	0.861%
32	15.098	2210	2212	2217	rVB2	17415	18311	1.22%	0.132%
33	15.292	2241	2245	2251	rVB	45844	61951	4.12%	0.447%
34	15.351	2251	2255	2261	rVV	53505	76442	5.08%	0.551%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.415	2261	2266	2279	rVB2	327639	511446	33.99%	3.689%
36	15.845	2335	2339	2344	rVB	71001	91433	6.08%	0.660%
37	16.327	2417	2421	2430	rBV4	38689	70852	4.71%	0.511%
38	16.845	2503	2509	2515	rBV2	33816	67942	4.52%	0.490%
39	17.274	2577	2582	2588	rBV2	22934	46931	3.12%	0.339%

Sum of corrected areas: 13863349

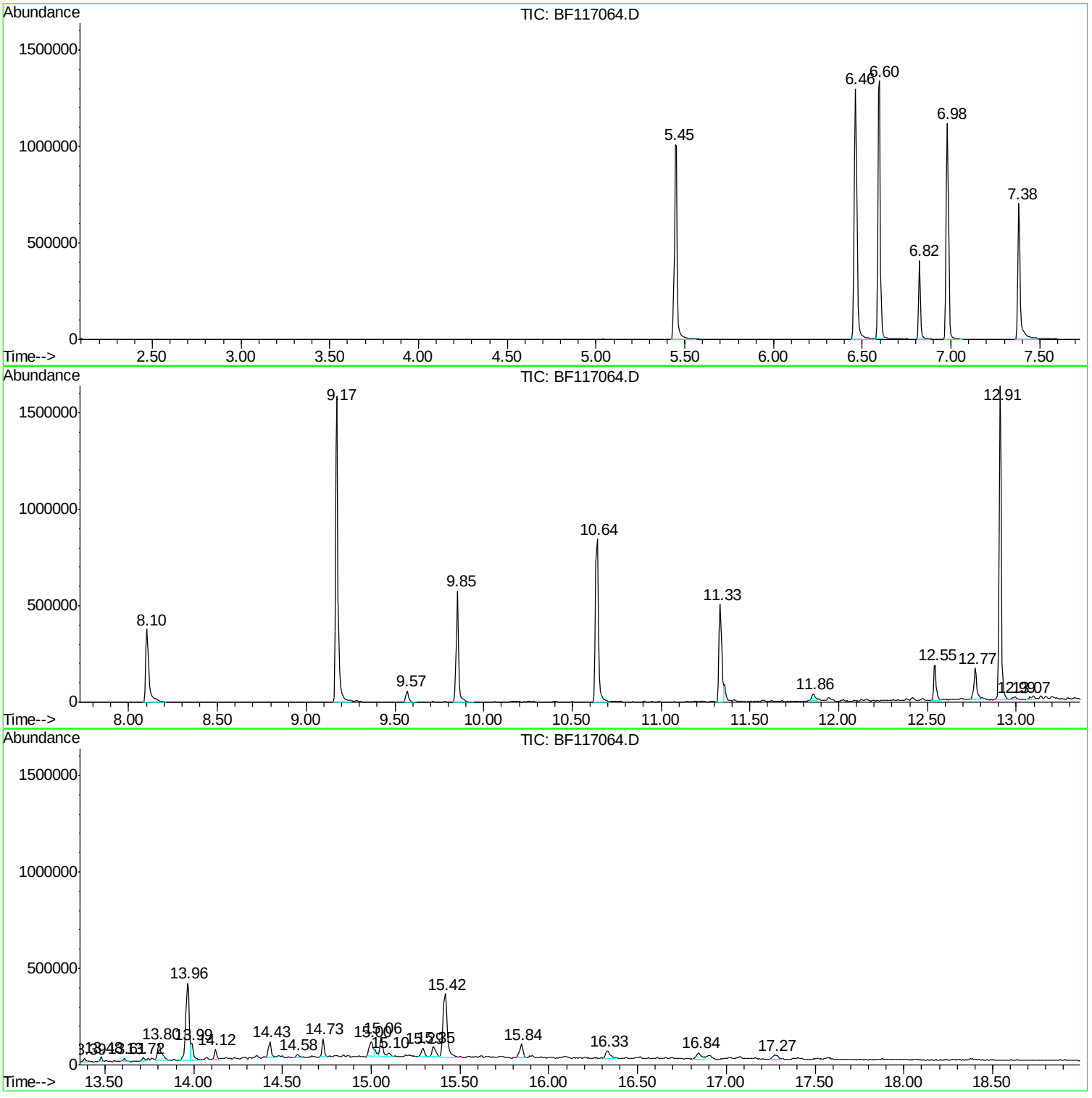
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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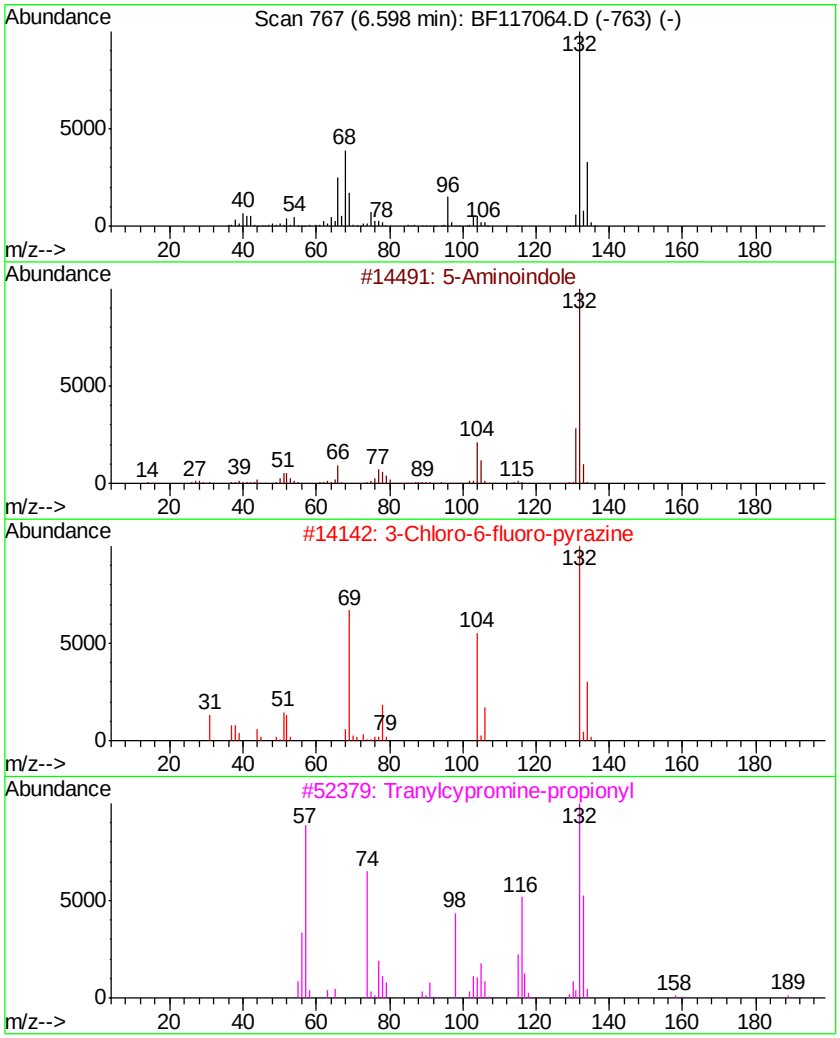
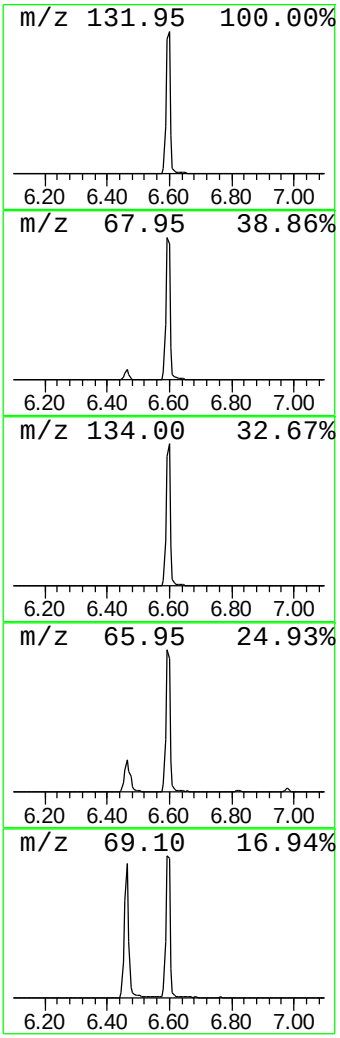
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	74.64 ng	1266900	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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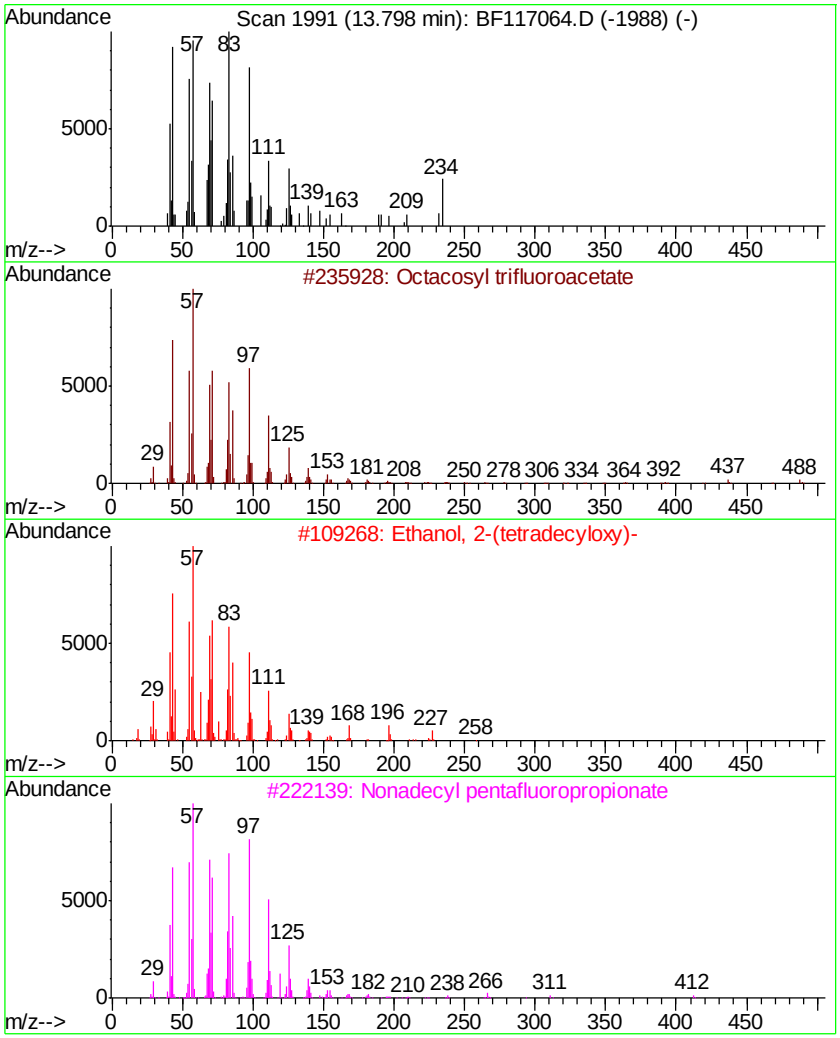
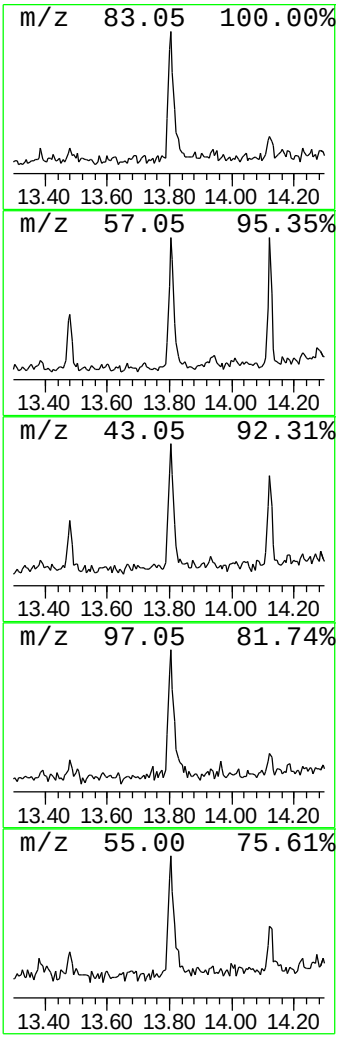
Peak Number 3 Octacosyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.97 ng	152223	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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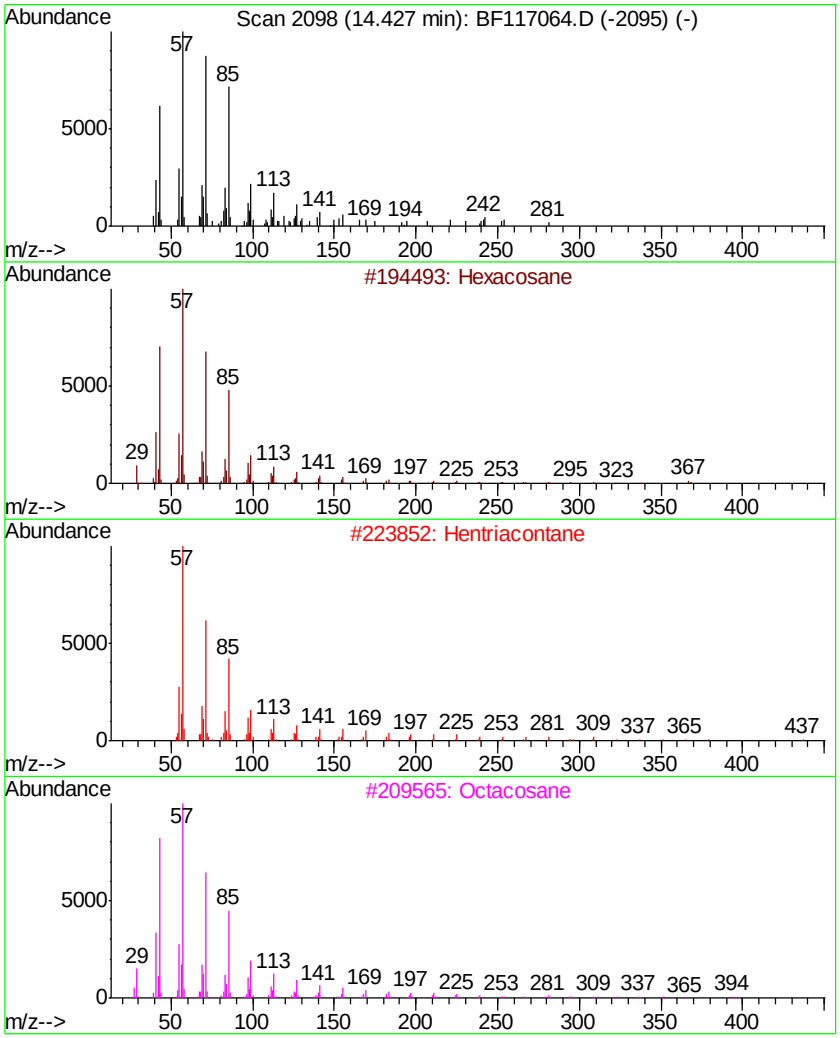
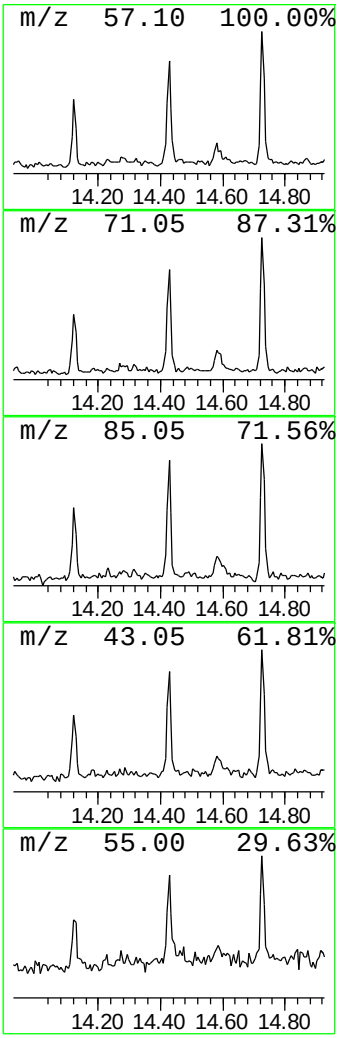
Peak Number 4 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.13 ng	79860	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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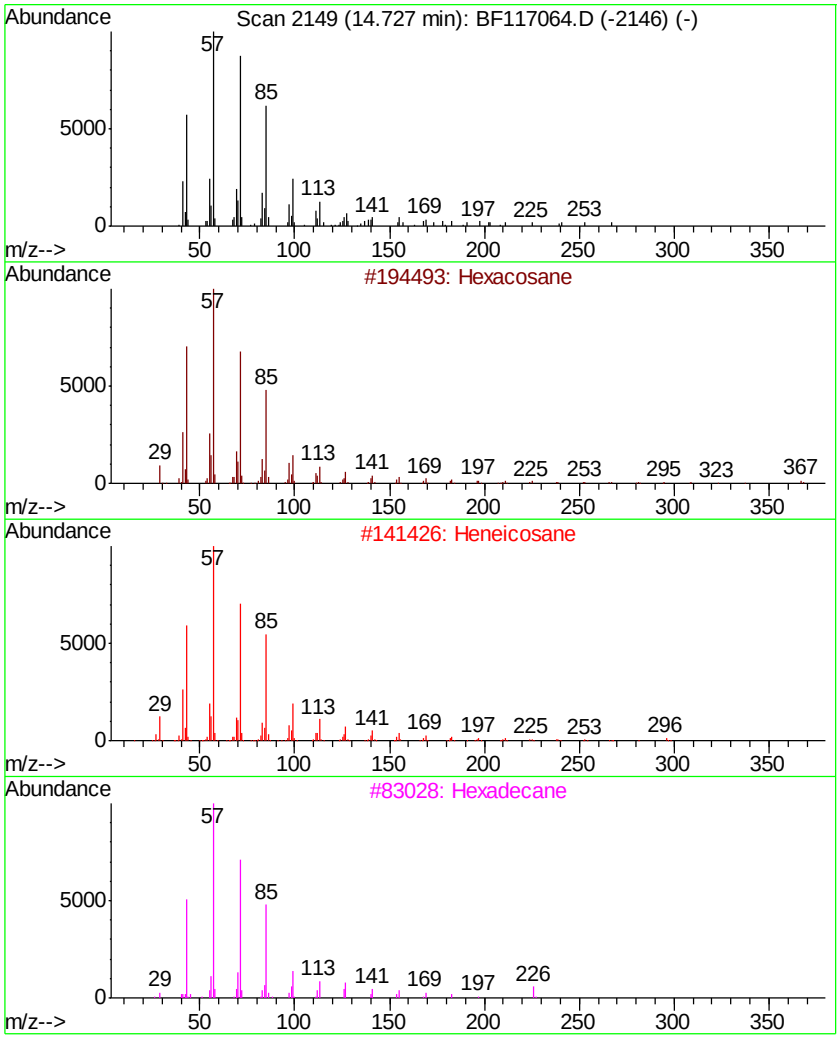
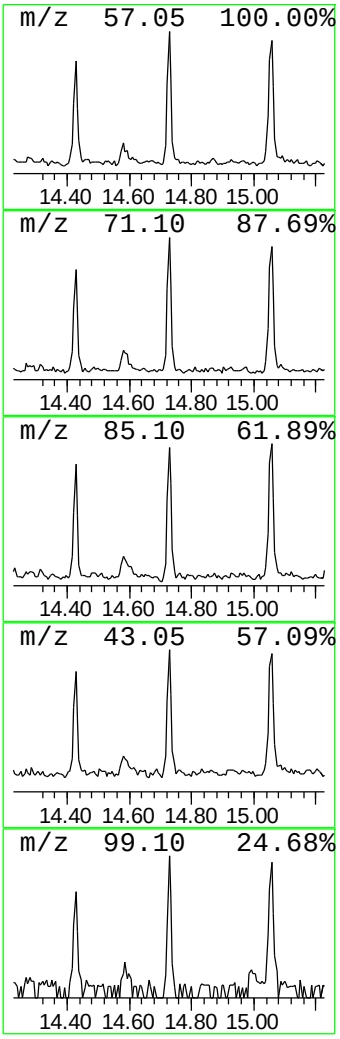
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.43 ng	87710	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Docosane	310	C22H46	000629-97-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

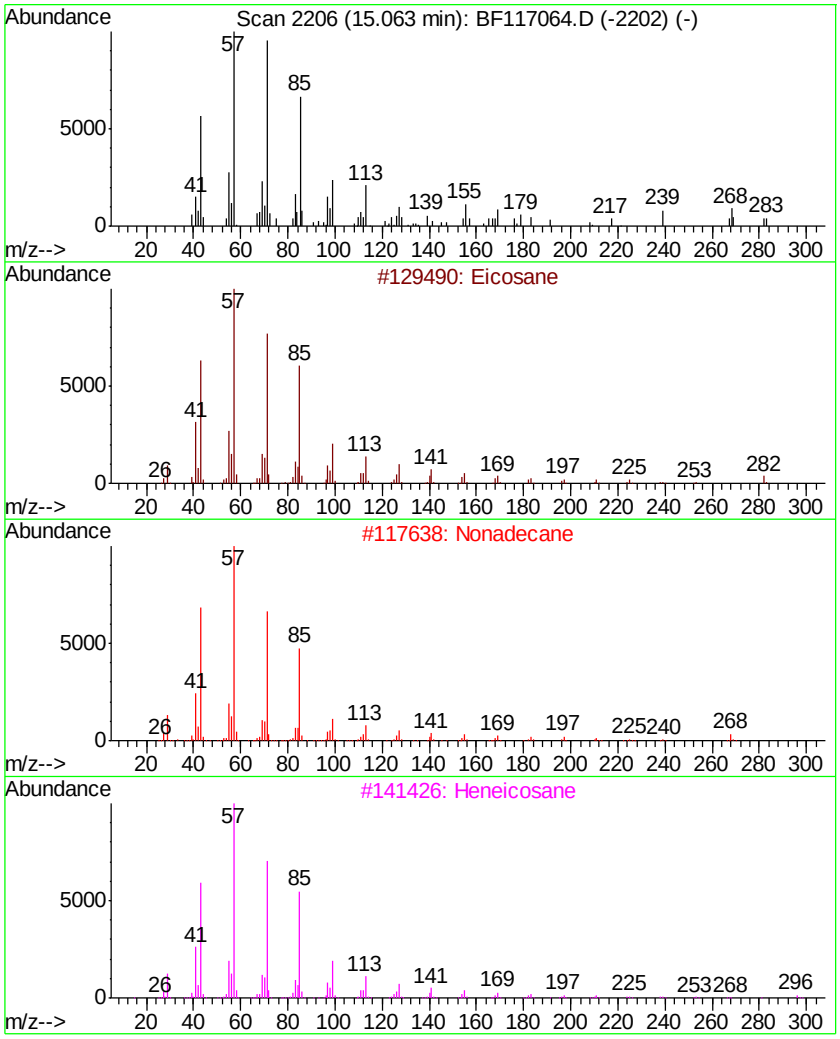
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

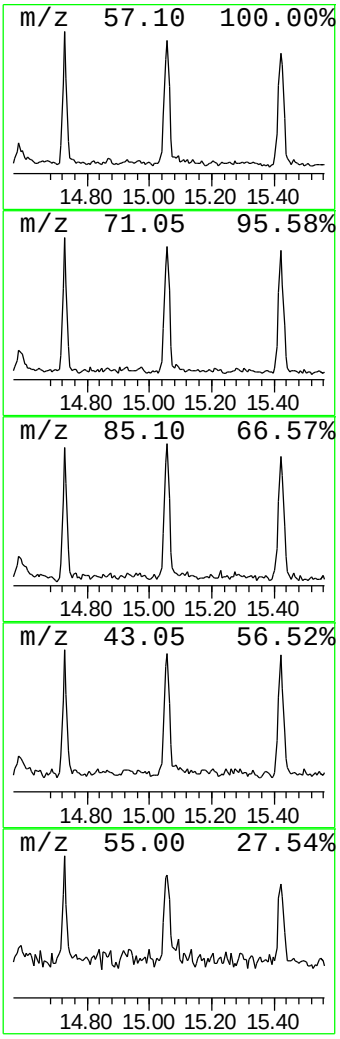
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.67 ng	119350	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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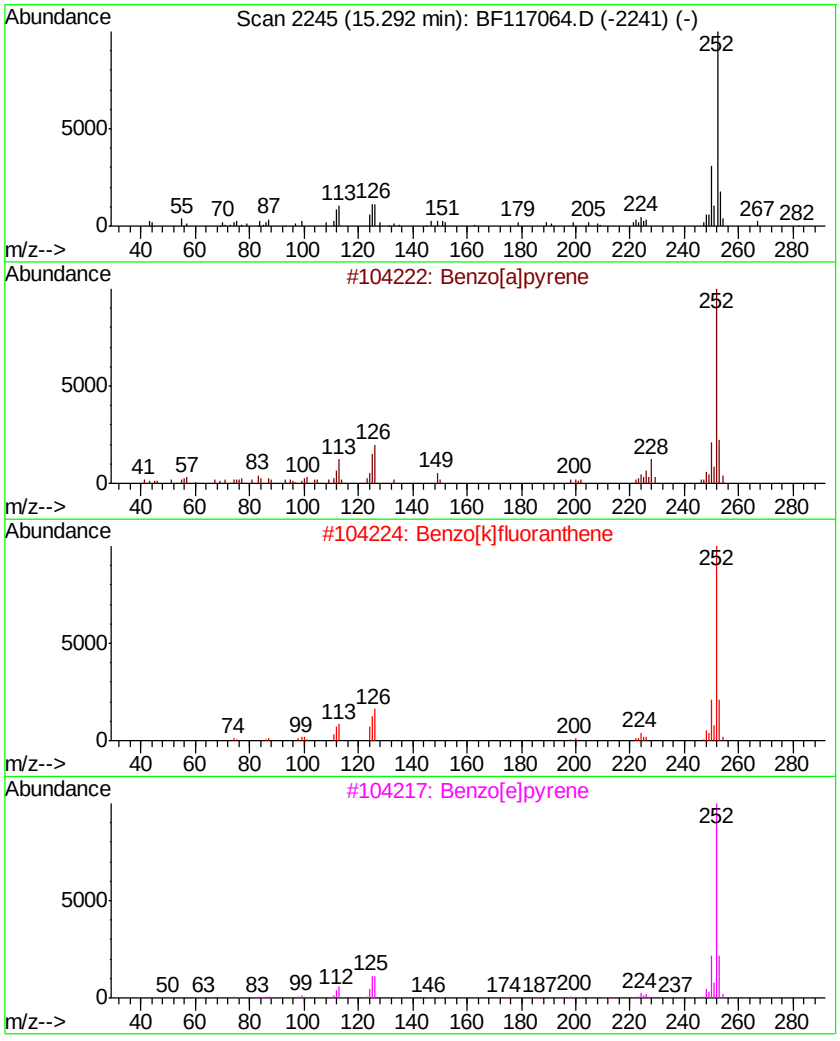
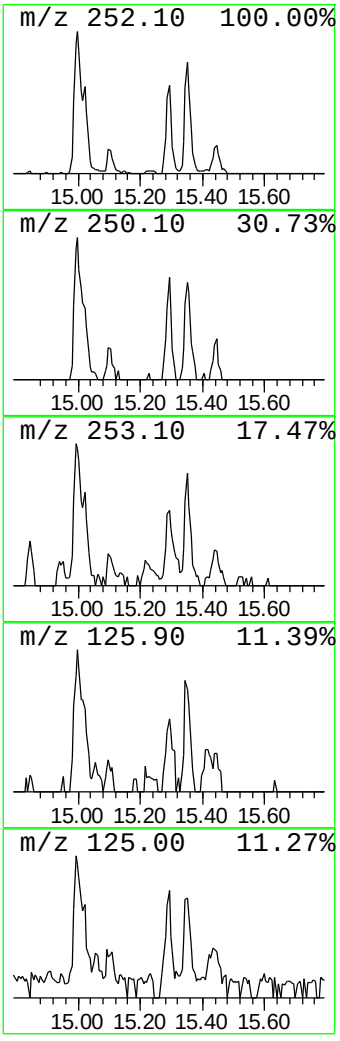
Peak Number 7 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.42 ng	61951	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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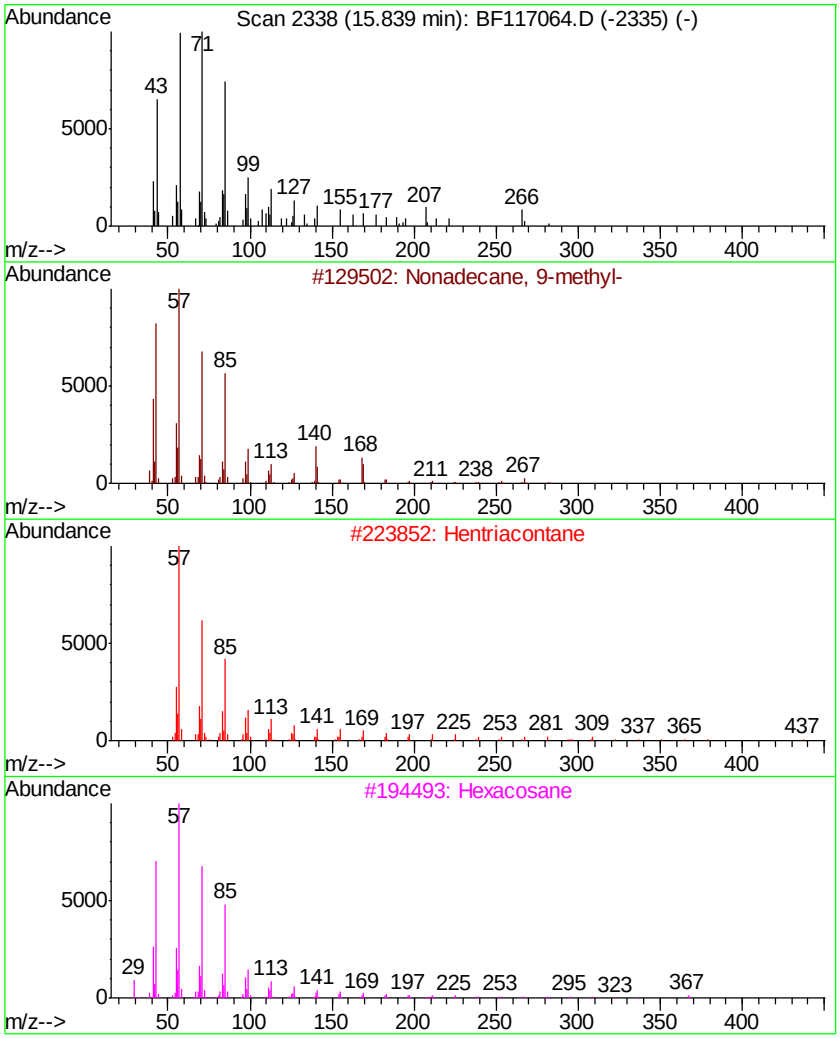
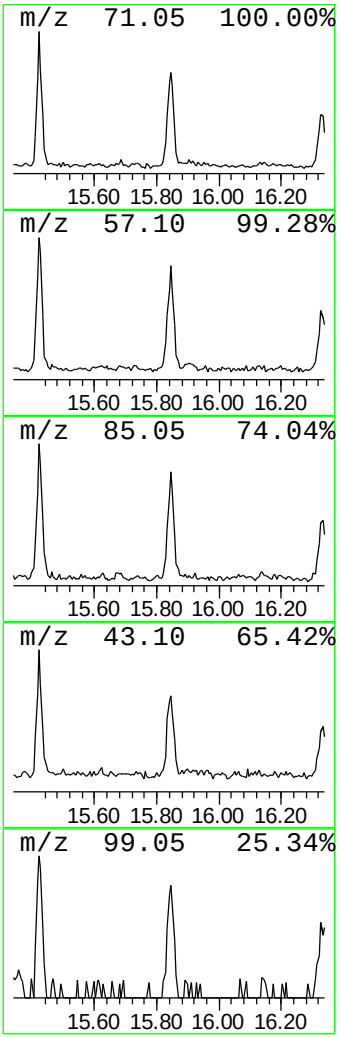
Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.58 ng	91433	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

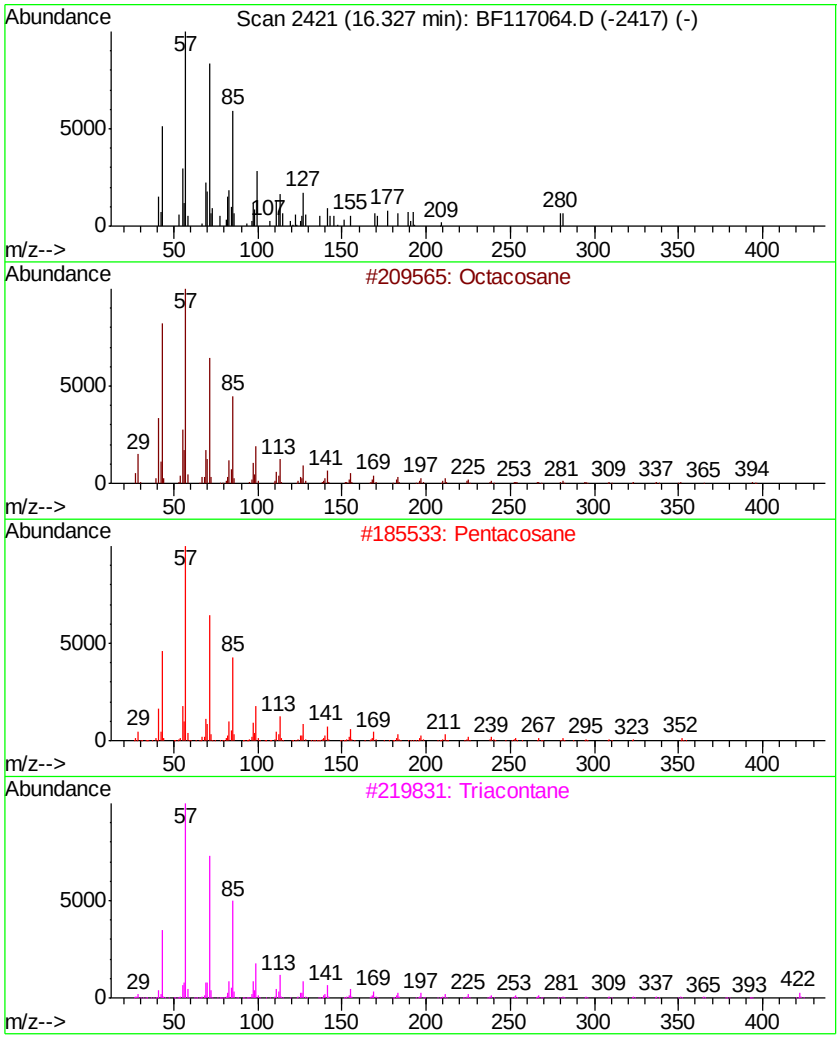
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

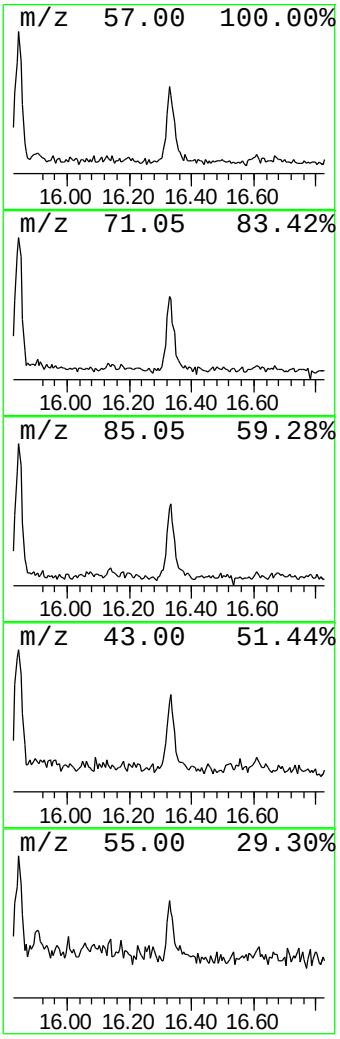
****

Peak Number 9 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.77 ng	70852	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Pentacosane	352	C25H52	000629-99-2	86
3	Triacontane	422	C30H62	000638-68-6	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091619\
Data File : BF117064.D
Acq On : 16 Sep 2019 15:44
Operator : HP/JU
Sample : K4900-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200027-RBR-200049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.60	6.60	74.6	ng	1266900	1	6.82	339466	20.0
Octacosyl trifluo...	13.80	6.0	ng	152223	5	13.96	509897	20.0
Hexacosane	14.43	3.1	ng	79860	5	13.96	509897	20.0
Heneicosane	14.73	3.4	ng	87710	6	15.42	511446	20.0
Eicosane	15.06	4.7	ng	119350	6	15.42	511446	20.0
Benzo[e]pyrene	15.29	2.4	ng	61951	6	15.42	511446	20.0
Nonadecane, 9-met...	15.84	3.6	ng	91433	6	15.42	511446	20.0
Octacosane	16.33	2.8	ng	70852	6	15.42	511446	20.0