LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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-BF082819.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	2.152	5	11	17	rVB	504956	645154	18.70%	2.157%
2	5.487	572	578	581	rBV	2973548	2880454	83.48%	9.632%
3	6.492	743	749	753	rBV2	2922526	3283665	95.17%	10.980%
4	6.634	768	773	776	rBV	3251942	3161948	91.64%	10.573%
5	6.863	808	812	816	rBV	789471	597338	17.31%	1.997%
6	7.022	835	839	842	rBV	2839428	2357226	68.32%	7.882%
7	7.422	902	907	910	rBV	2034243	1932904	56.02%	6.463%
8	8.145	1026	1030	1033	rBV	888978	763883	22.14%	2.554%
9	9.222	1207	1213	1216	rBV	3447119	3450419	100.00%	11.538%
10	9.604	1275	1278	1282	rBV	462752	365541	10.59%	1.222%
11	9.892	1323	1327	1331	rBV	983617	899662	26.07%	3.008%
12	10.680	1456	1461	1464	rBV	2508750	2183470	63.28%	7.301%
13	11.374	1575	1579	1582	rBV	1129058	921053	26.69%	3.080%
14	11.398	1582	1583	1586	rVB	70252	34963	1.01%	0.117%
15	11.898	1665	1668	1675	rVB2	202199	172872	5.01%	0.578%
16	12.580	1781	1784	1787	rBV	154892	130277	3.78%	0.436%
17	12.680	1798	1801	1805	rBV2	58978	59098	1.71%	0.198%
18	12.810	1818	1823	1826	rBV	142554	123385	3.58%	0.413%
19	12.957	1844	1848	1852	rBV	3126644	3025582	87.69%	10.117%
20	13.645	1958	1965	1967	rBV3	36184	58919	1.71%	0.197%
21	13.845	1996	1999	2009	rBV2	276332	373726	10.83%	1.250%
22	14.004	2019	2026	2029	rBV	675349	645119	18.70%	2.157%
23	14.174	2052	2055	2060	rVB	75799	75814	2.20%	0.254%
24	14.480	2100	2107	2110	rBV2	92739	110304	3.20%	0.369%
25	14.786	2155	2159	2162	rBV	89263	108624	3.15%	0.363%
26	14.827	2162	2166	2168	rVV3	26231	39852	1.15%	0.133%
27	15.033	2196	2201	2204	rBV2	43743	67869	1.97%	0.227%
28	15.121	2208	2216	2226	rVB6	117540	228101	6.61%	0.763%
29	15.333	2249	2252	2258	rVB	31782	46638	1.35%	0.156%
30	15.392	2258	2262	2268	rVV	42199	60840	1.76%	0.203%
31	15.457	2268	2273	2277	rVV	512781	648376	18.79%	2.168%
32	15.498	2277	2280	2287	rVB2	95271	126156	3.66%	0.422%
33	15.933	2349	2354	2359	rBV	72242	116568	3.38%	0.390%
34	15.986	2359	2363	2371	rVB10	23256	62245	1.80%	0.208%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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-BF082819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.439	2436	2440	2445	rVB2	36258	55213	1.60%	0.185%
36	16.898	2513	2518	2524	rVB4	19964	44333	1.28%	0.148%
37	17.333	2587	2592	2601	rVB3	22809	48362	1.40%	0.162%

Sum of corrected areas: 29905953

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Instrument : BNA_F
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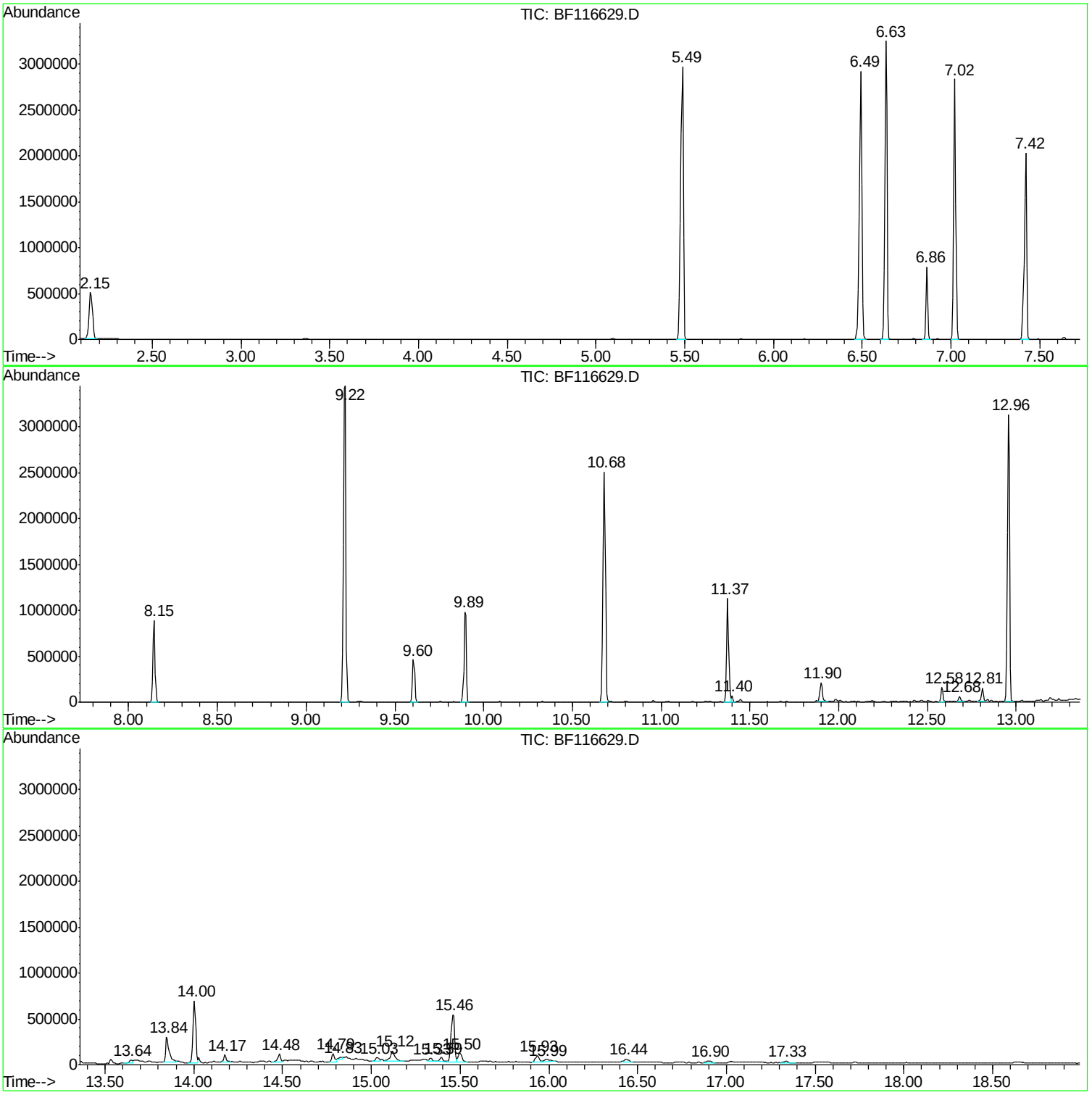
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

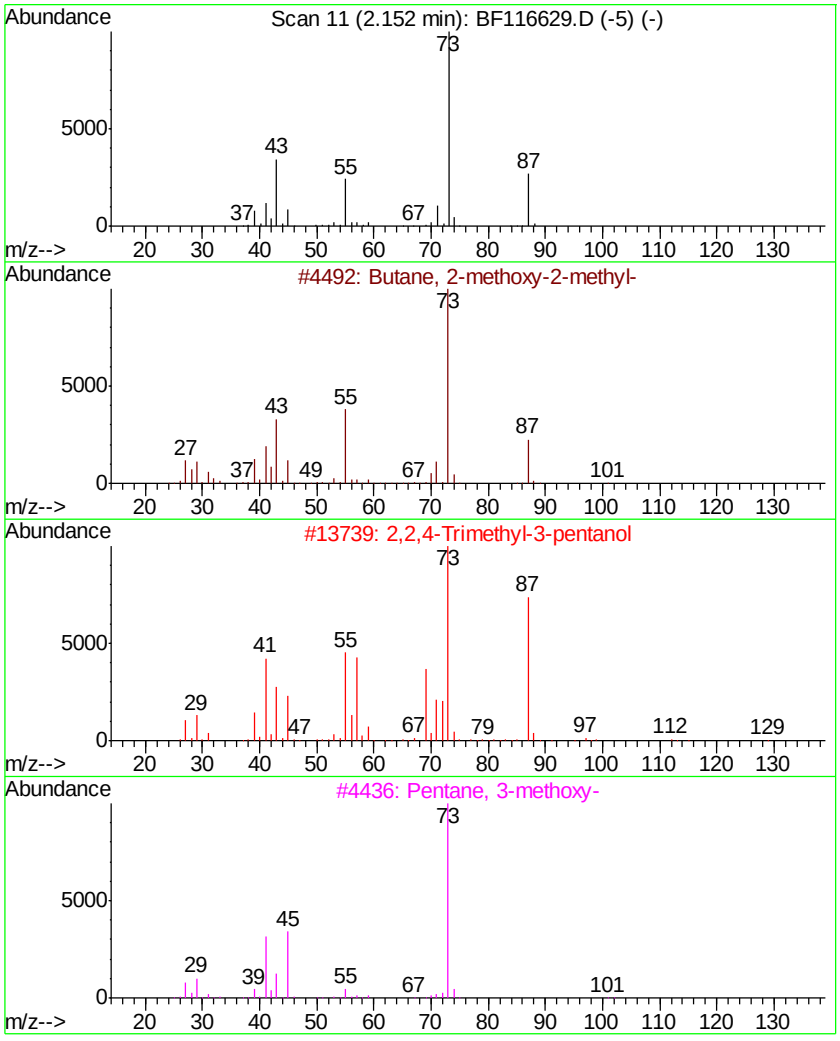
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

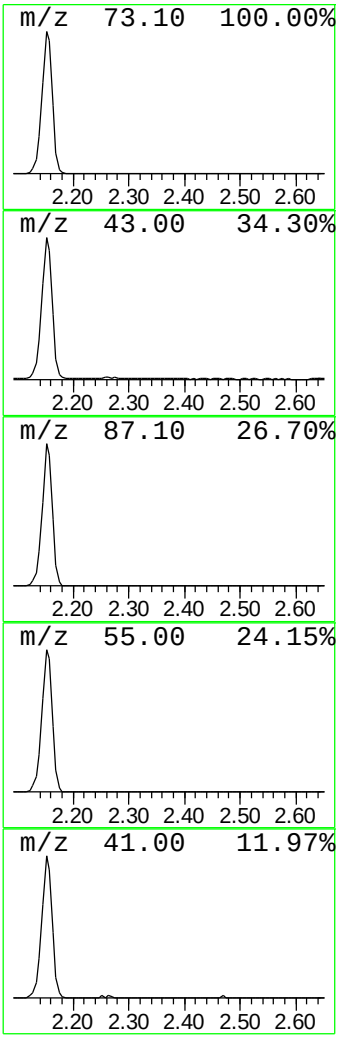
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	21.60 ng	645154	1,4-Dichlorobenzene-d4	6.86

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	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\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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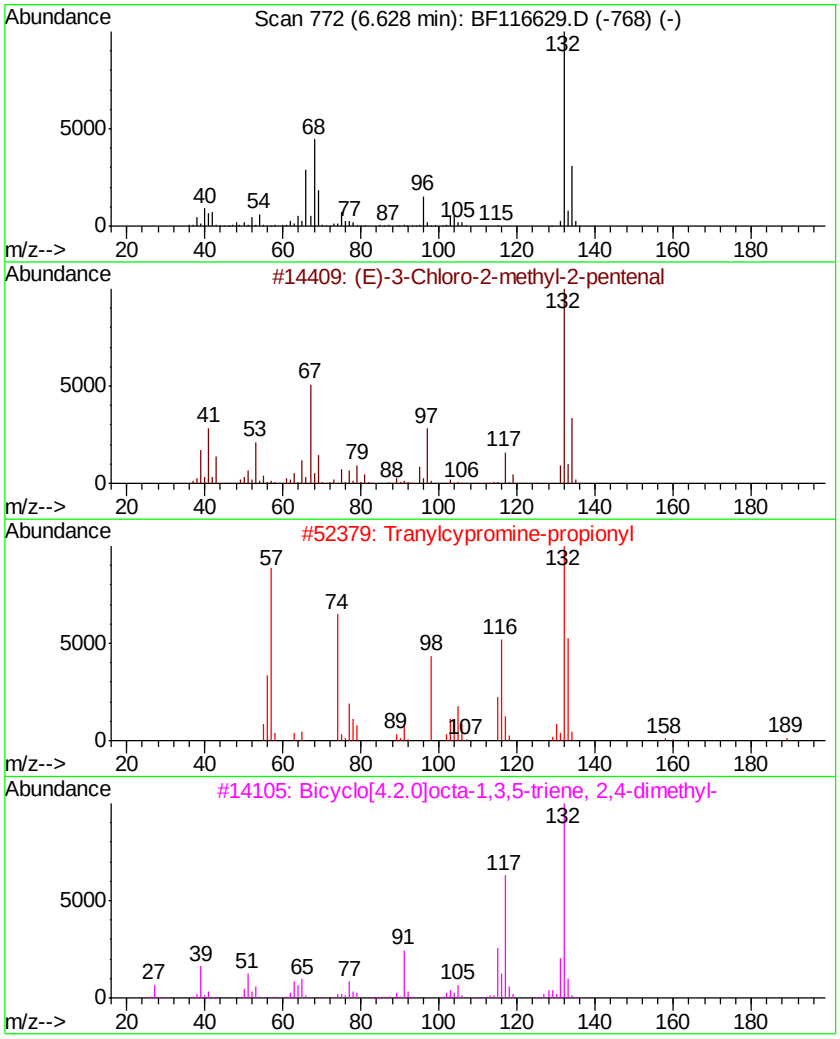
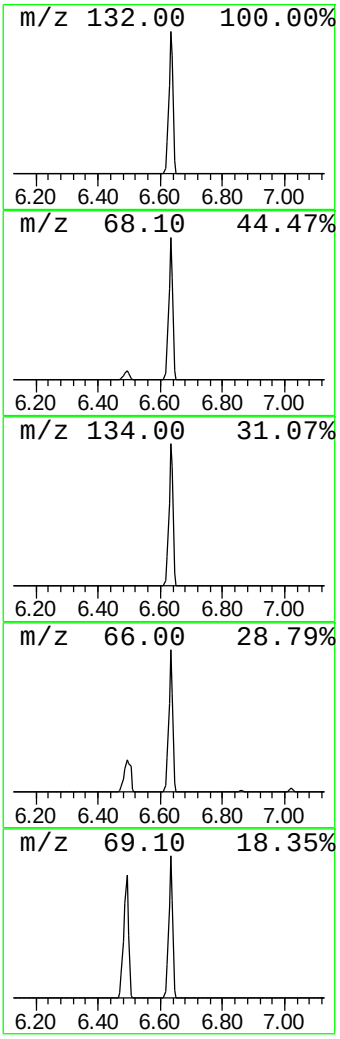
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	105.87 ng	3161950	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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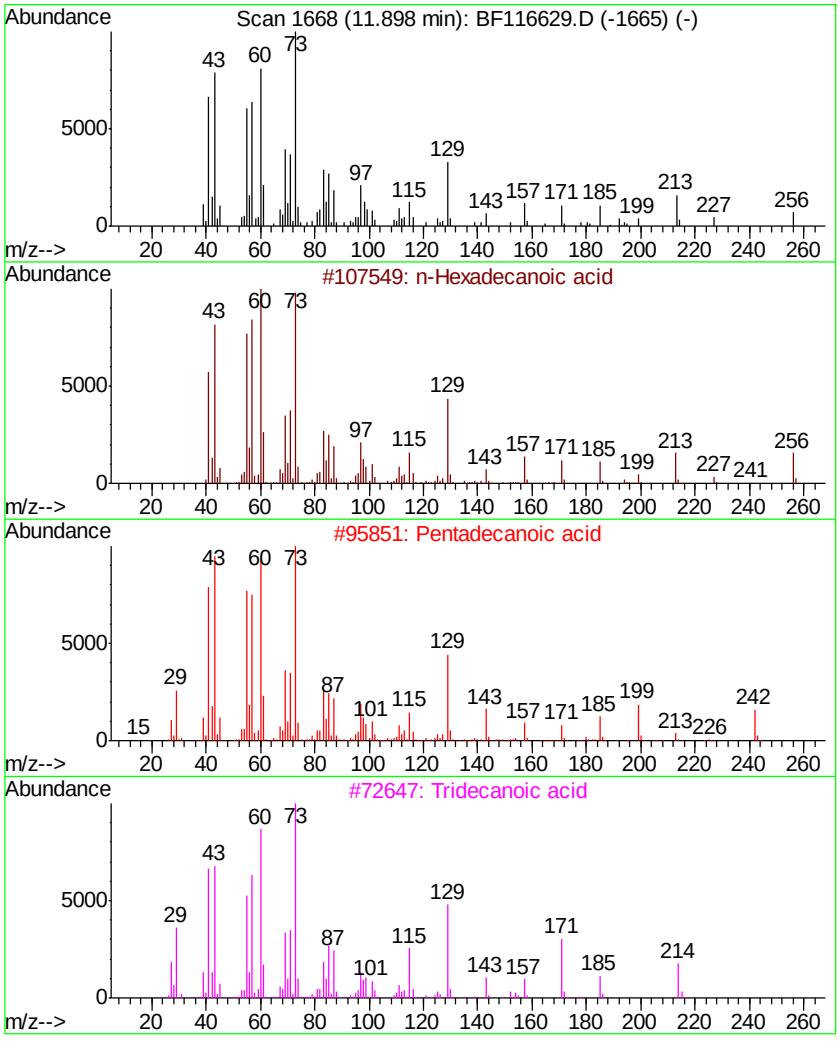
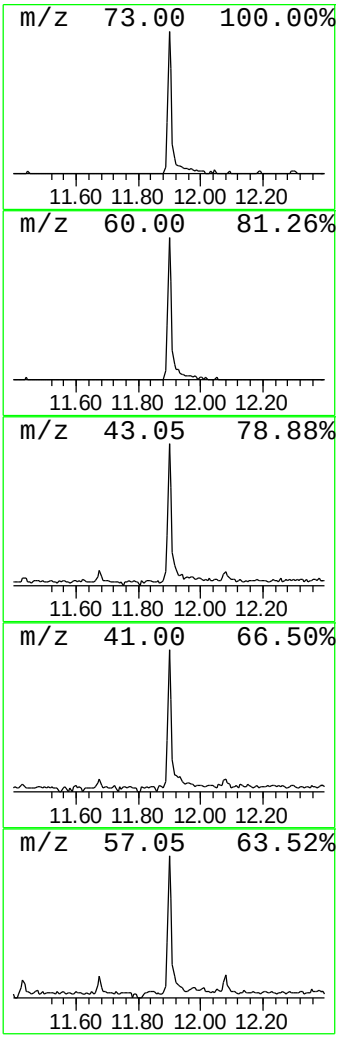
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.75 ng	172872	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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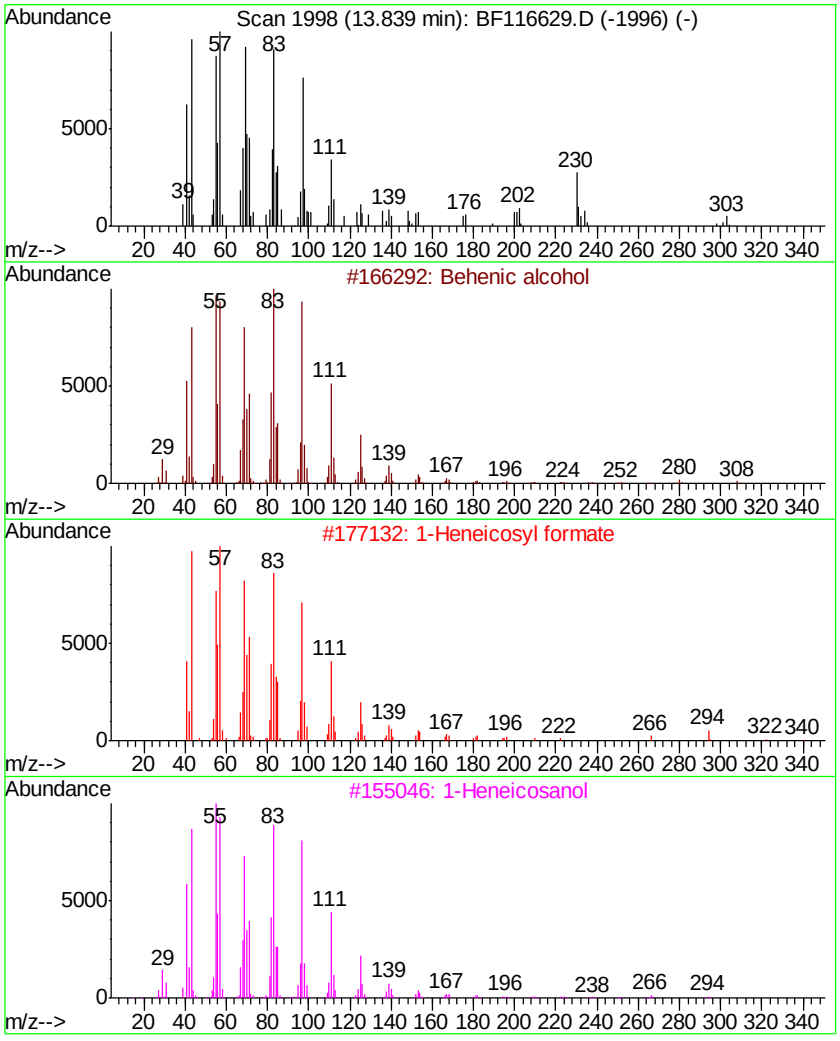
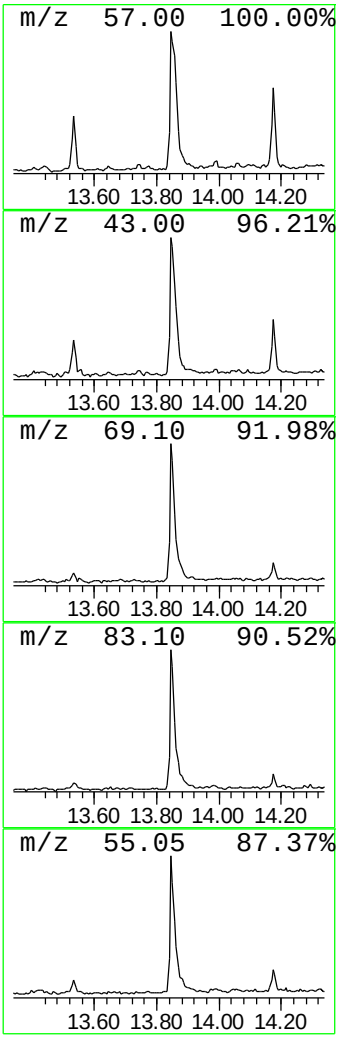
Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	11.59 ng	373726	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
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Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

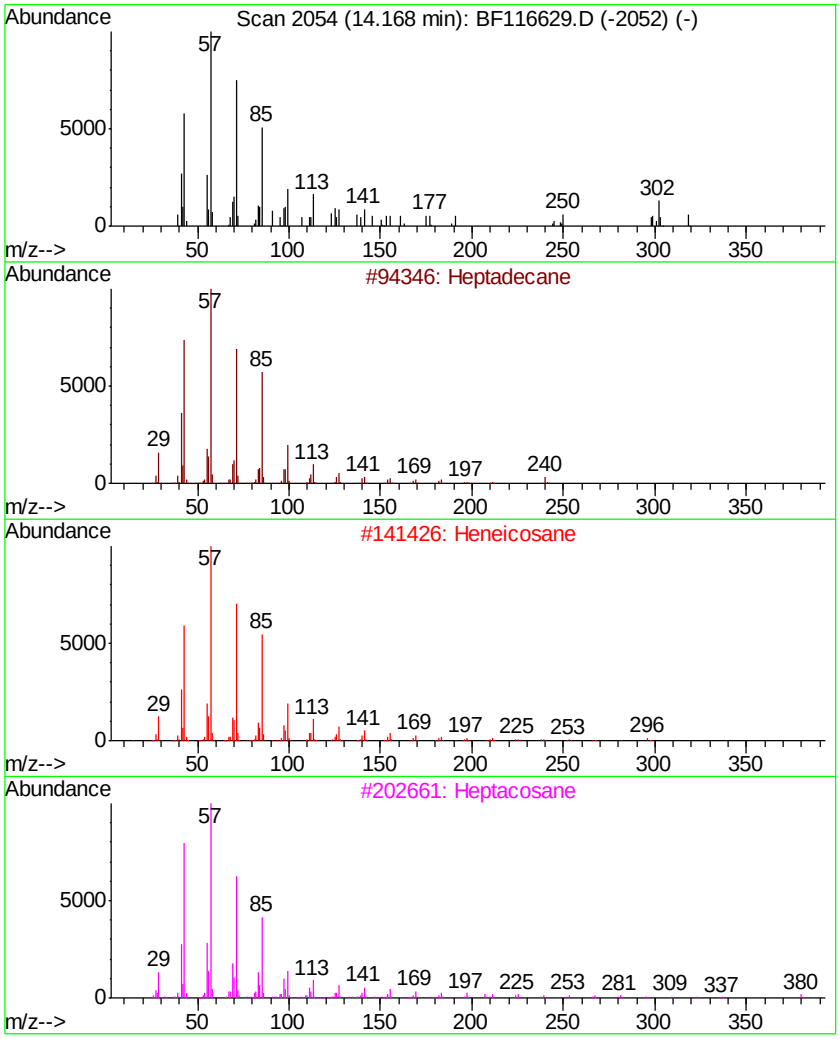
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

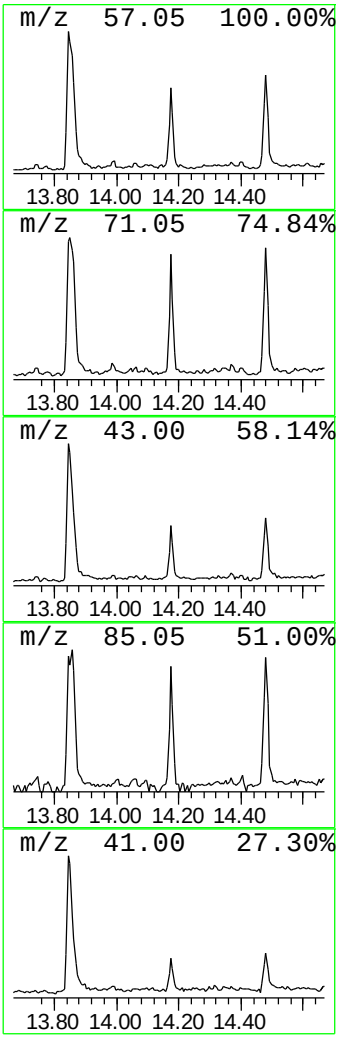
****

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.35 ng	75814	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hentriacontane	437	C31H64	000630-04-6	87





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Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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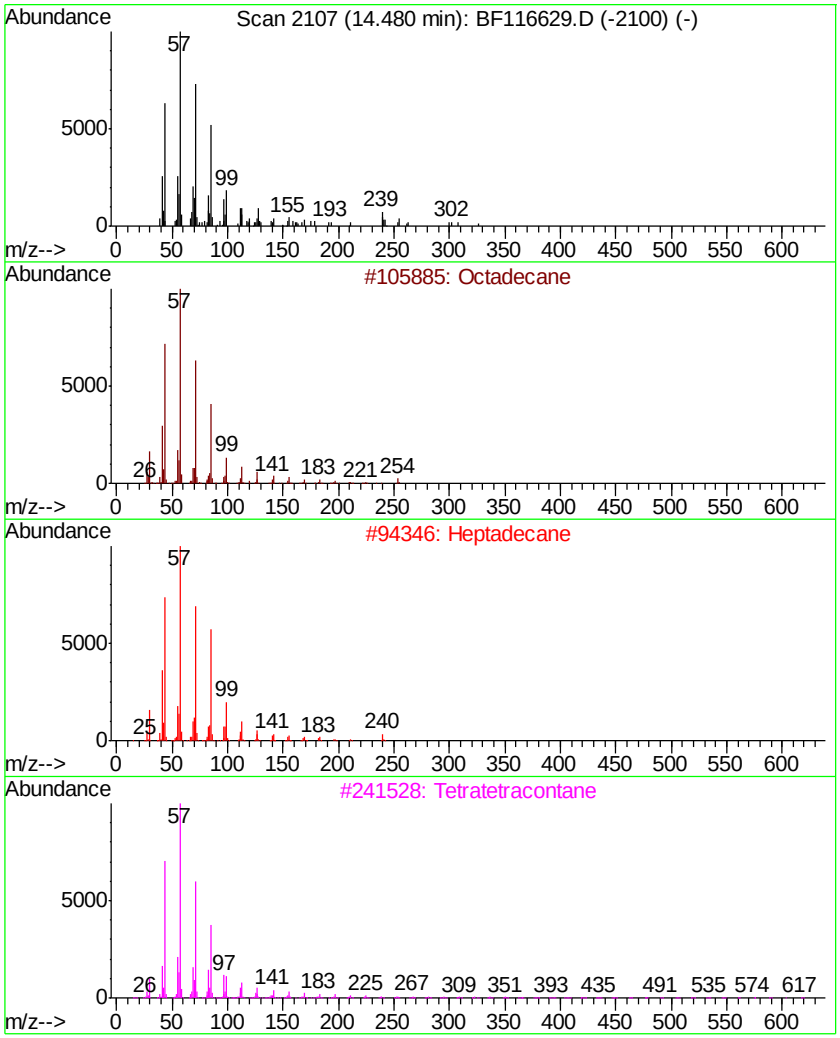
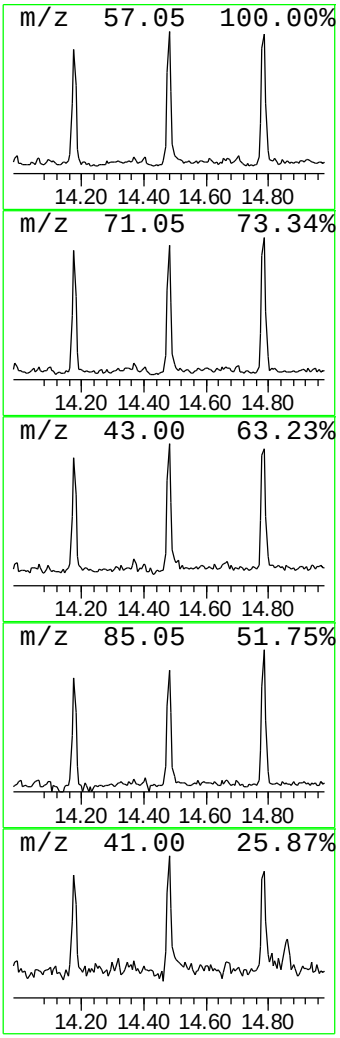
Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.42 ng	110304	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane	240	C17H36	000629-78-7	96
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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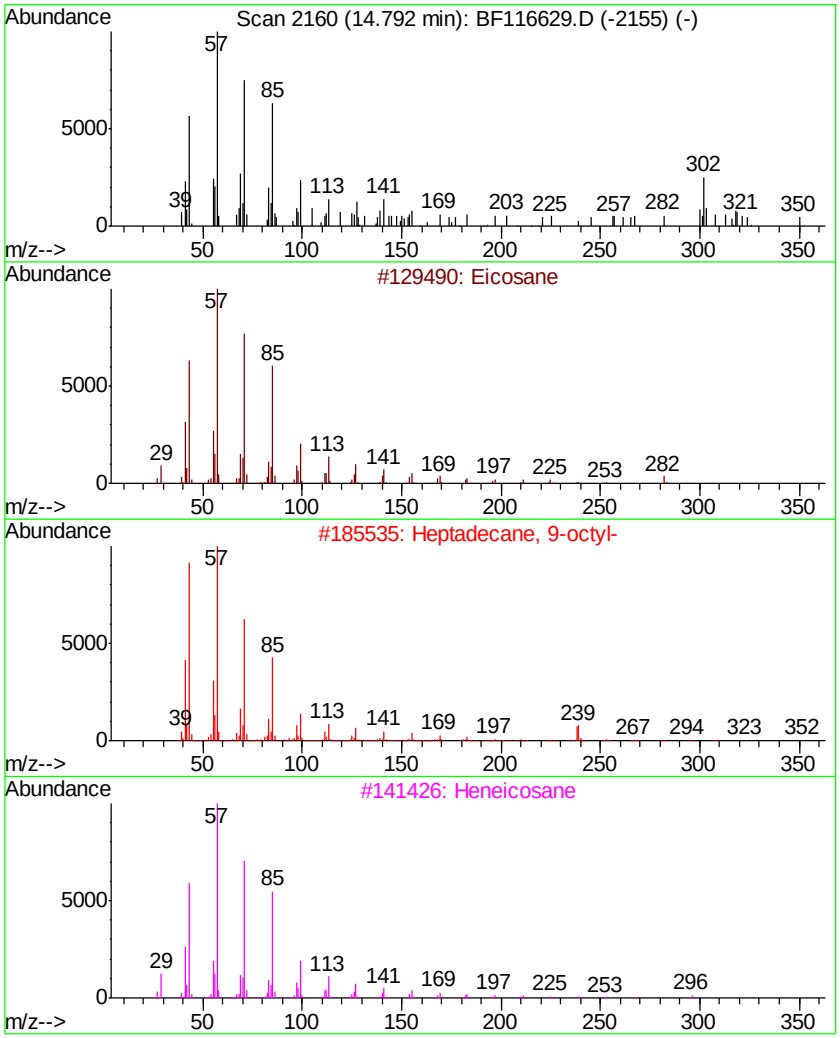
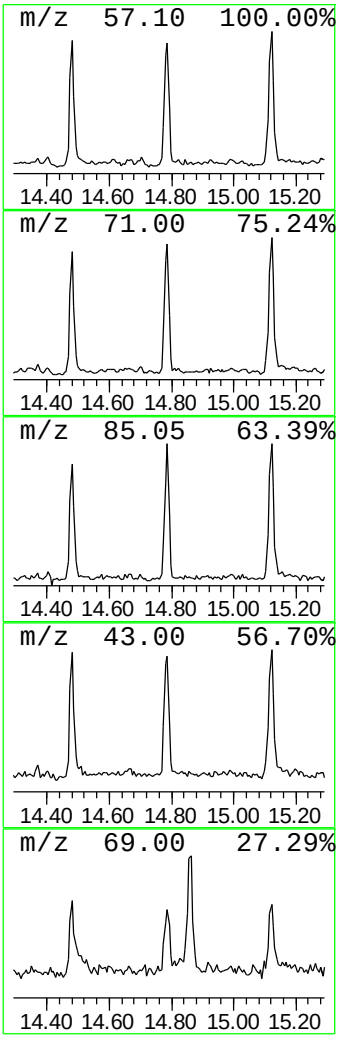
Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.35 ng	108624	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	87





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Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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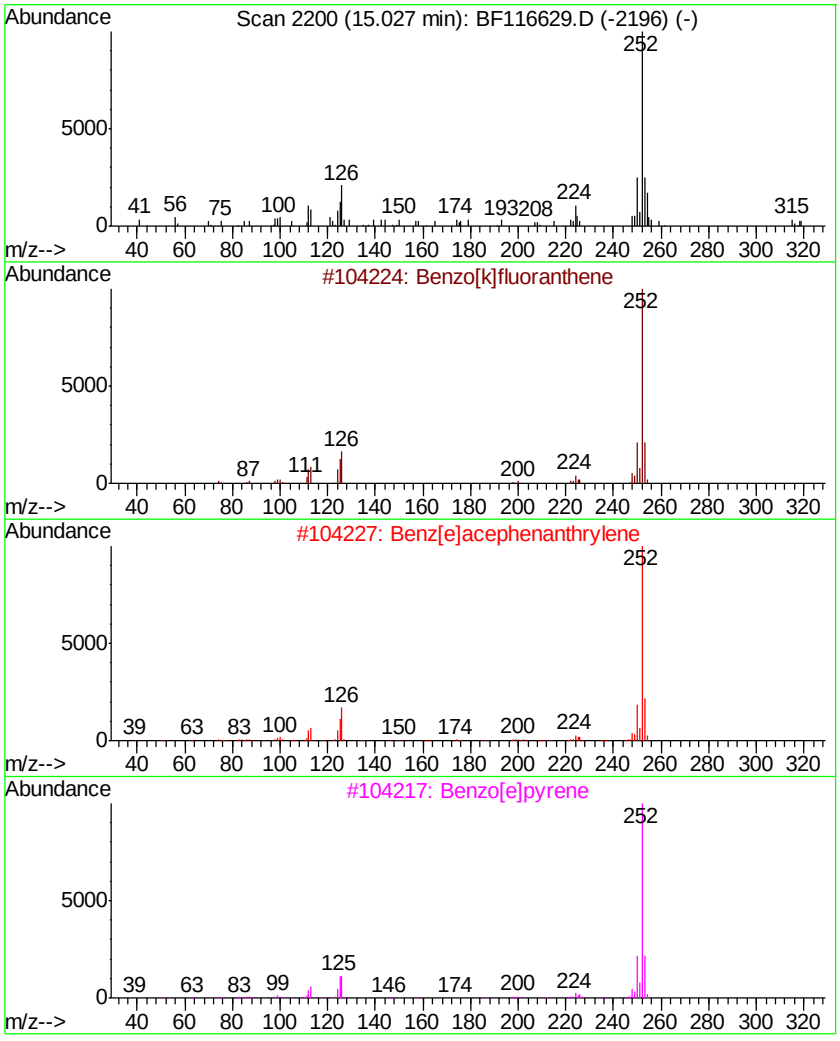
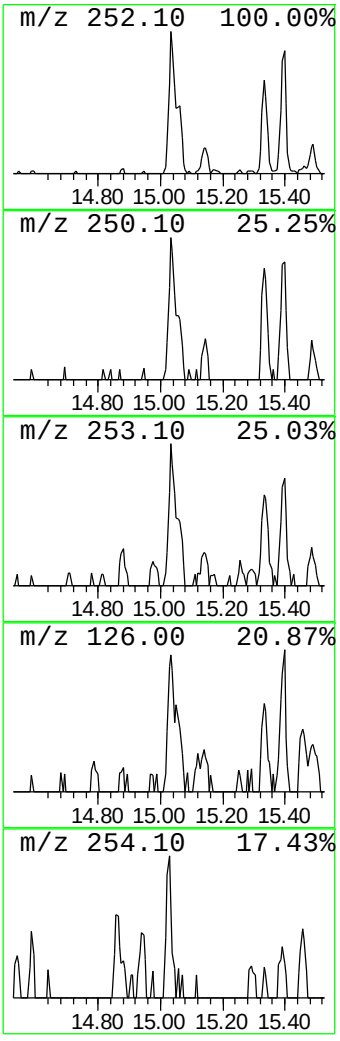
Peak Number 9 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.09 ng	67869	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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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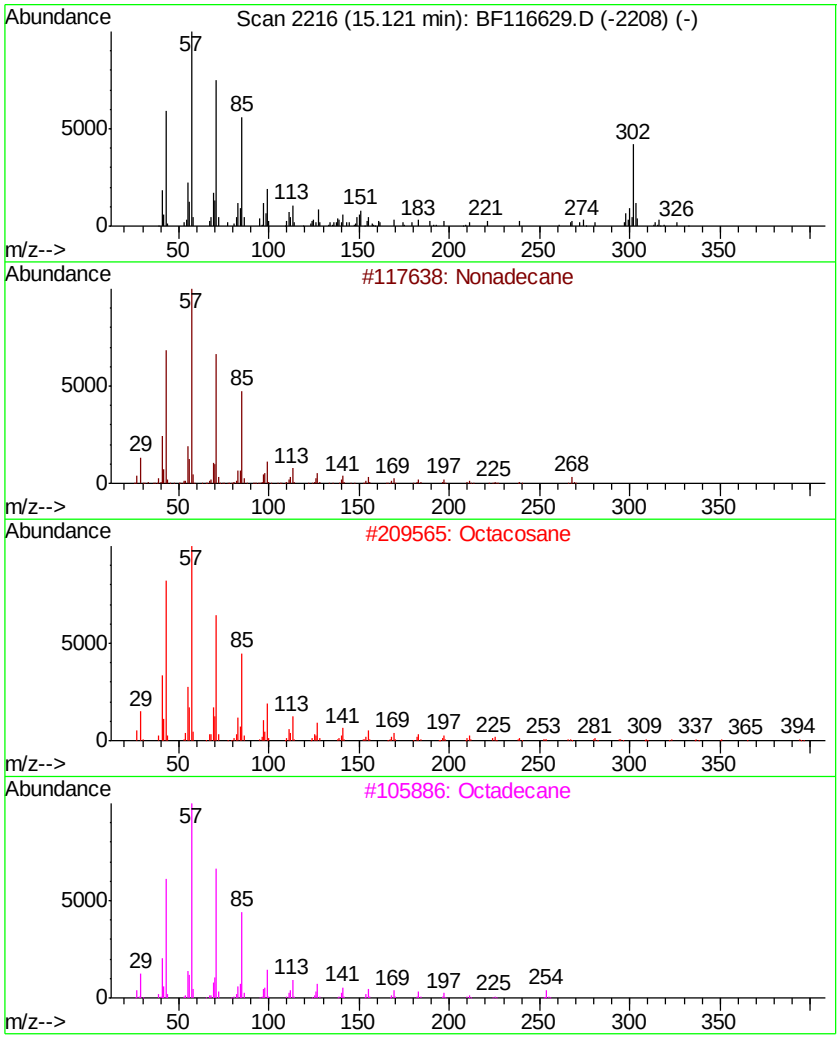
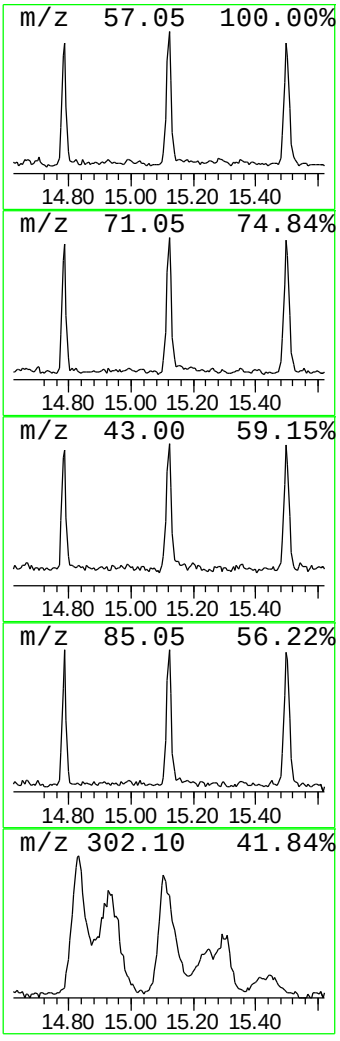
Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	7.04 ng	228101	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Triacontane	422	C30H62	000638-68-6	64
5	Hexacosane	366	C26H54	000630-01-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

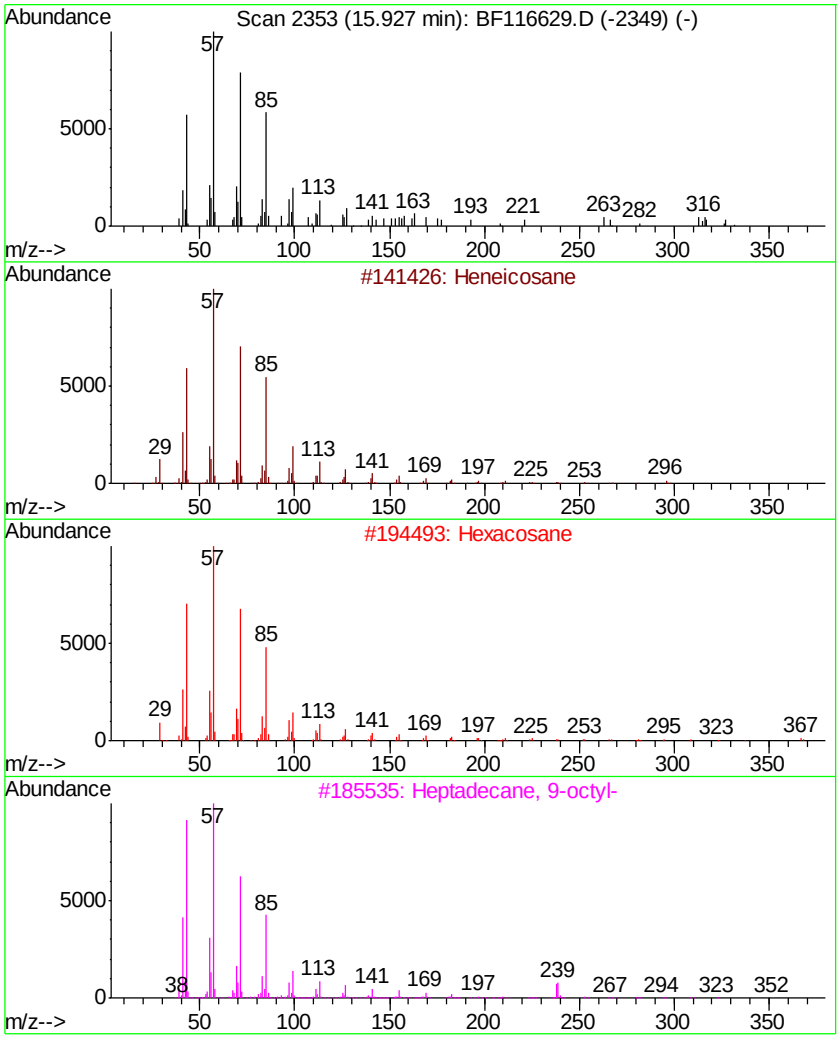
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

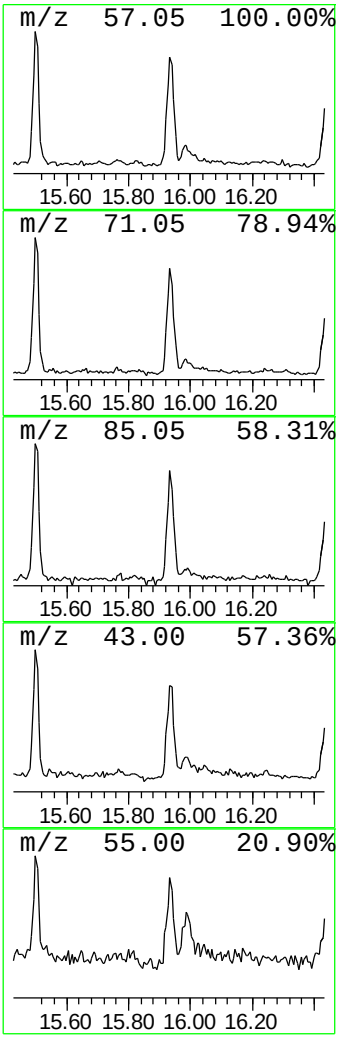
****

Peak Number 11 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.60 ng	116568	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082819\
Data File : BF116629.D
Acq On : 28 Aug 2019 21:51
Operator : HP/JU
Sample : K4543-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082819.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...	2.15	21.6	ng	645154	1	6.86	597338	20.0
unknown6.63	6.63	105.9	ng	3161950	1	6.86	597338	20.0
n-Hexadecanoic acid	11.90	3.8	ng	172872	4	11.37	921053	20.0
Behenic alcohol	13.84	11.6	ng	373726	5	14.00	645119	20.0
Heptadecane	14.17	2.4	ng	75814	5	14.00	645119	20.0
Octadecane	14.48	3.4	ng	110304	5	14.00	645119	20.0
Eicosane	14.79	3.4	ng	108624	6	15.46	648376	20.0
Benzo[e]pyrene	15.03	2.1	ng	67869	6	15.46	648376	20.0
Nonadecane	15.12	7.0	ng	228101	6	15.46	648376	20.0
Heneicosane	15.93	3.6	ng	116568	6	15.46	648376	20.0