LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116535.D
Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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	2.240	19	26	32	rVB	2038183	2690591	87.63%	7.800%
2	5.510	575	582	585	rBV	2703038	2716758	88.48%	7.876%
3	6.510	746	752	755	rBV	2681240	2994739	97.54%	8.682%
4	6.651	771	776	780	rBV	2823196	2952691	96.17%	8.560%
5	6.881	812	815	819	rBV	981659	849596	27.67%	2.463%
6	7.040	838	842	846	rVB	2452584	2307659	75.16%	6.690%
7	7.439	904	910	913	rBV	1848157	1855125	60.42%	5.378%
8	8.163	1028	1033	1036	rBV	1288513	1083280	35.28%	3.140%
9	9.239	1210	1216	1219	rBV	3451188	3070313	100.00%	8.901%
10	9.622	1278	1281	1285	rVB	342338	285543	9.30%	0.828%
11	9.916	1324	1331	1334	rBV	1417871	1153264	37.56%	3.343%
12	9.945	1334	1336	1339	rVB	62602	46533	1.52%	0.135%
13	10.457	1420	1423	1429	rBV2	55225	47653	1.55%	0.138%
14	10.698	1460	1464	1467	rBV	1543905	1283302	41.80%	3.720%
15	11.198	1546	1549	1553	rVB	40192	35917	1.17%	0.104%
16	11.292	1563	1565	1570	rVB	38690	36872	1.20%	0.107%
17	11.398	1579	1583	1585	rBV	1125656	1017472	33.14%	2.950%
18	11.422	1585	1587	1590	rVV	738583	550894	17.94%	1.597%
19	11.469	1590	1595	1599	rVB	166778	156864	5.11%	0.455%
20	11.622	1616	1621	1623	rBV2	36188	42520	1.38%	0.123%
21	11.898	1664	1668	1670	rBV	140373	129708	4.22%	0.376%
22	11.922	1670	1672	1676	rVV2	254960	231034	7.52%	0.670%
23	11.969	1677	1680	1683	rVV2	64174	70082	2.28%	0.203%
24	12.010	1683	1687	1689	rVV2	165489	190756	6.21%	0.553%
25	12.033	1689	1691	1694	rVB	88563	71752	2.34%	0.208%
26	12.192	1715	1718	1720	rBV	74760	74646	2.43%	0.216%
27	12.210	1720	1721	1726	rVB2	51627	38041	1.24%	0.110%
28	12.445	1758	1761	1764	rBV	89083	88219	2.87%	0.256%
29	12.486	1764	1768	1770	rVV2	53719	74185	2.42%	0.215%
30	12.527	1773	1775	1780	rVB3	59100	65380	2.13%	0.190%
31	12.604	1785	1788	1792	rVV	762490	679793	22.14%	1.971%
32	12.833	1821	1827	1830	rBV	674875	697666	22.72%	2.023%
33	12.886	1833	1836	1841	rVB2	36300	57348	1.87%	0.166%
34	12.980	1848	1852	1855	rVB	2499249	2091167	68.11%	6.062%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : T1-2-E

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	13.051	1860	1864	1868	rBV2	57472	84474	2.75%	0.245%
36	13.139	1877	1879	1881	rBV2	38740	48925	1.59%	0.142%
37	13.163	1881	1883	1886	rVB	90869	73683	2.40%	0.214%
38	13.227	1891	1894	1897	rVB	50567	40140	1.31%	0.116%
39	13.269	1897	1901	1904	rBV2	75895	83283	2.71%	0.241%
40	13.357	1914	1916	1919	rBV	48678	39848	1.30%	0.116%
41	13.386	1919	1921	1925	rBV	45842	44415	1.45%	0.129%
42	13.463	1931	1934	1942	rVB7	35344	53114	1.73%	0.154%
43	13.663	1965	1968	1973	rVB	72213	79528	2.59%	0.231%
44	13.780	1984	1988	1990	rBV2	51918	71259	2.32%	0.207%
45	13.874	2000	2004	2011	rVB3	255076	281788	9.18%	0.817%
46	14.027	2025	2030	2033	rBV2	837377	1028188	33.49%	2.981%
47	14.057	2033	2035	2040	rVB	298908	256282	8.35%	0.743%
48	14.139	2046	2049	2053	rVB2	40668	36485	1.19%	0.106%
49	14.245	2064	2067	2070	rBV2	43997	47108	1.53%	0.137%
50	14.416	2093	2096	2098	rVB2	63508	53220	1.73%	0.154%
51	14.451	2099	2102	2105	rVB	46443	43902	1.43%	0.127%
52	14.510	2109	2112	2115	rVB2	69480	72094	2.35%	0.209%
53	14.815	2161	2164	2167	rVB	58573	57537	1.87%	0.167%
54	14.892	2174	2177	2184	rBV3	74441	92957	3.03%	0.269%
55	15.068	2202	2207	2215	rBV	194630	405192	13.20%	1.175%
56	15.157	2218	2222	2232	rVB4	97923	171340	5.58%	0.497%
57	15.368	2255	2258	2264	rVB	117534	149326	4.86%	0.433%
58	15.433	2264	2269	2275	rVV	163837	221033	7.20%	0.641%
59	15.498	2275	2280	2283	rVV	556342	653056	21.27%	1.893%
60	15.533	2283	2286	2295	rVB4	109325	196820	6.41%	0.571%
61	15.980	2358	2362	2367	rVB	82722	112804	3.67%	0.327%
62	16.492	2446	2449	2454	rBV5	27599	44680	1.46%	0.130%
63	16.957	2523	2528	2537	rVB2	69254	134857	4.39%	0.391%
64	17.392	2599	2602	2608	rVB	47740	79801	2.60%	0.231%

Sum of corrected areas: 34494502

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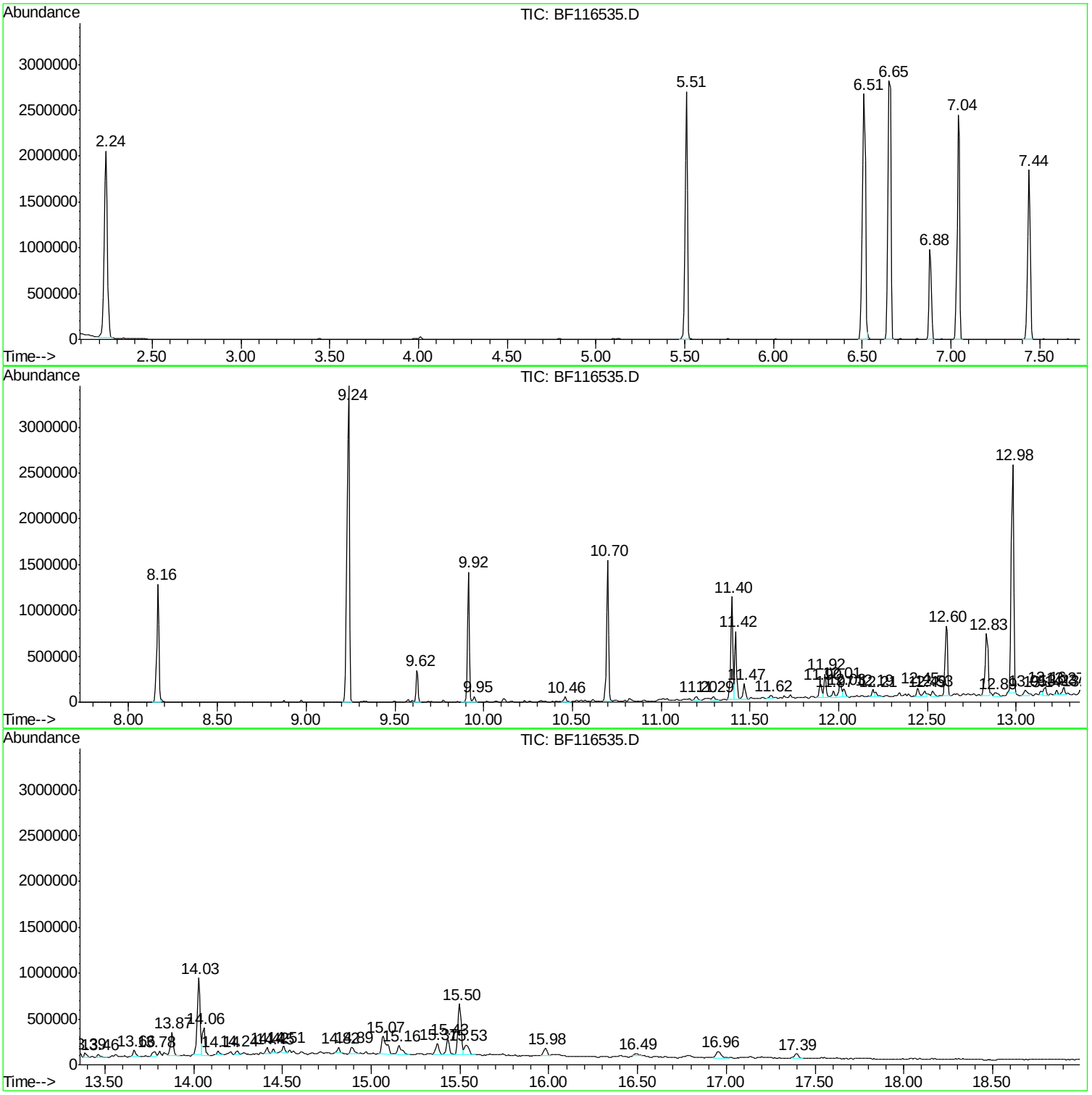
Instrument :
BNA_F
ClientSampleId :
T1-2-E

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



Library Search Compound Report

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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

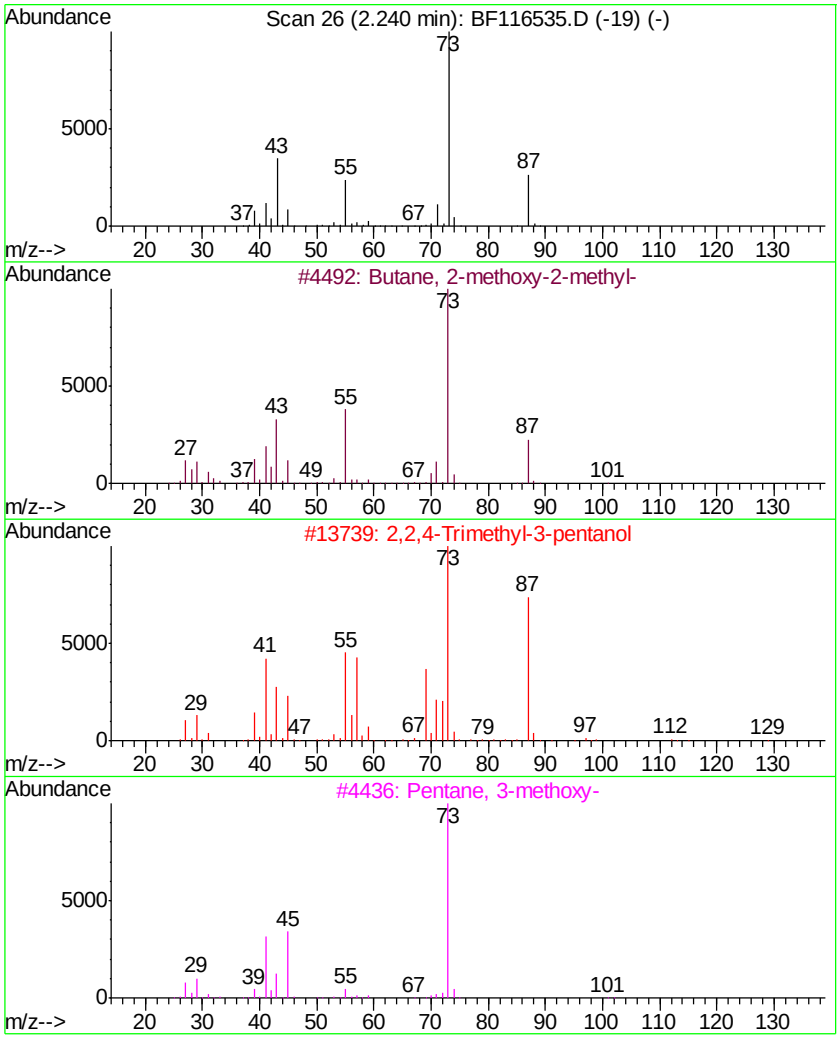
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

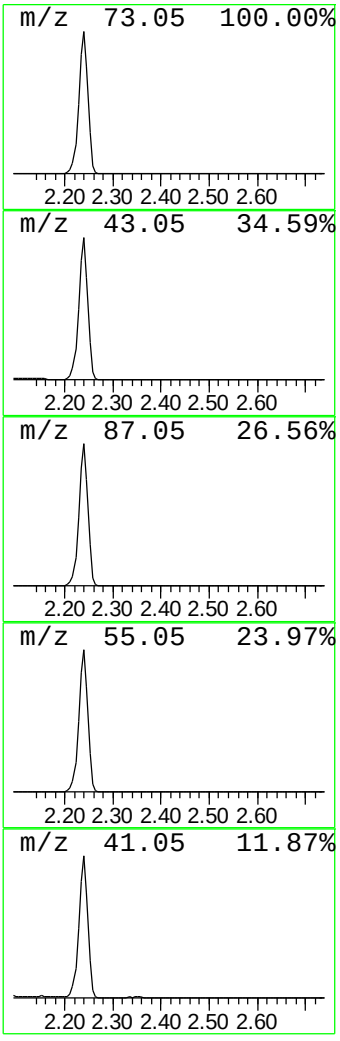
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	63.34 ng	2690590	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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

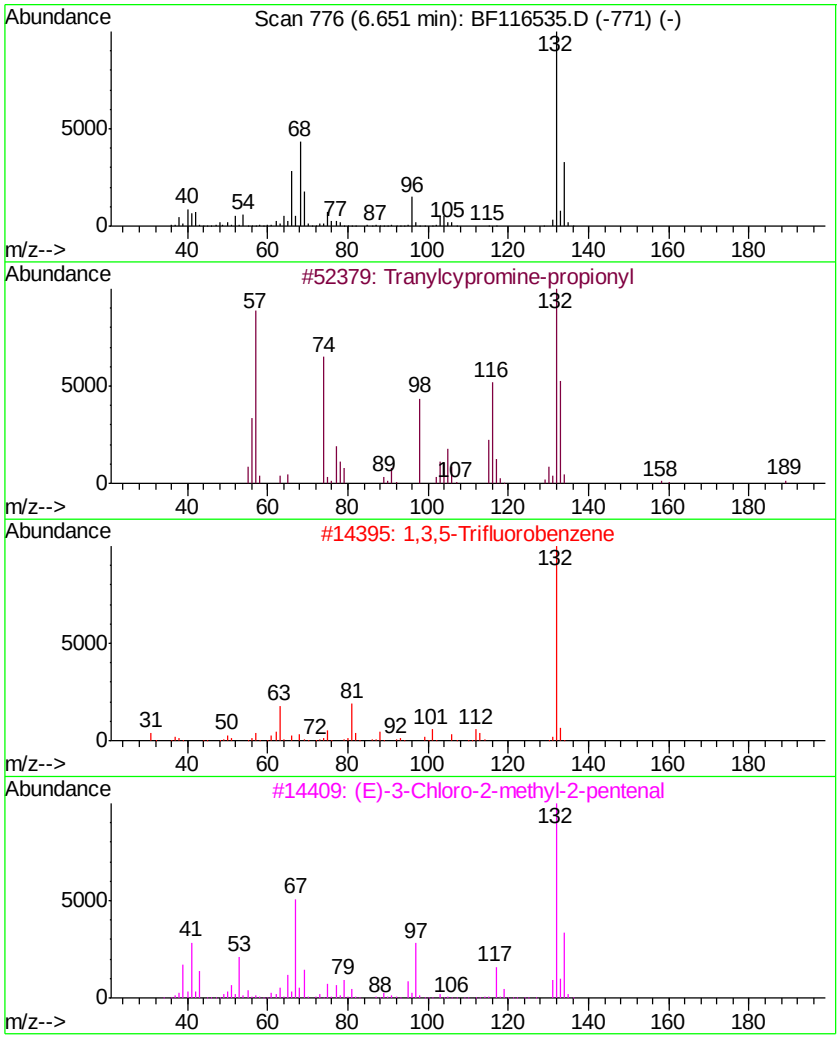
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

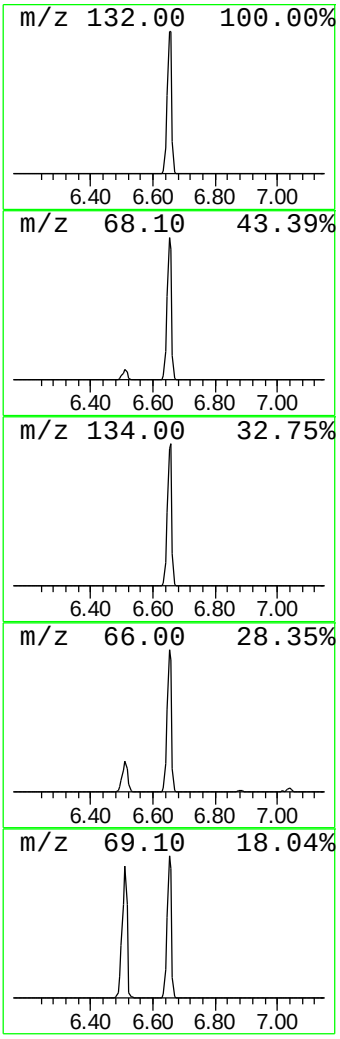
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.51 ng	2952690	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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	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





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Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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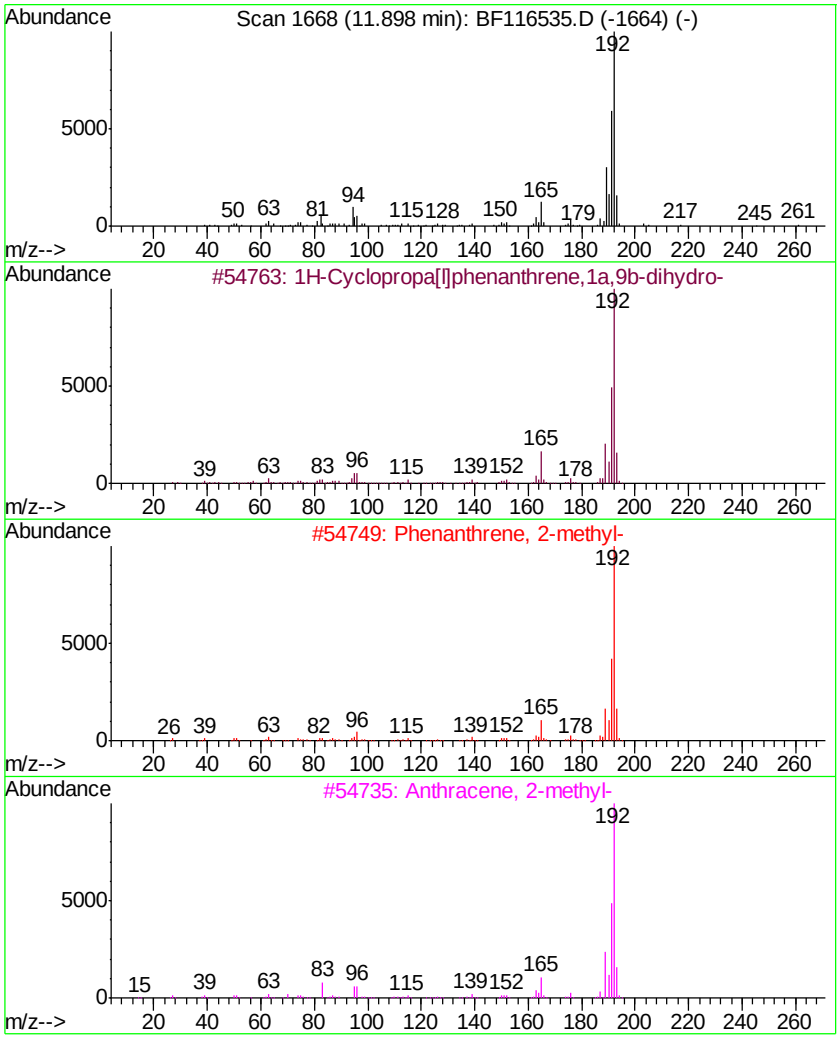
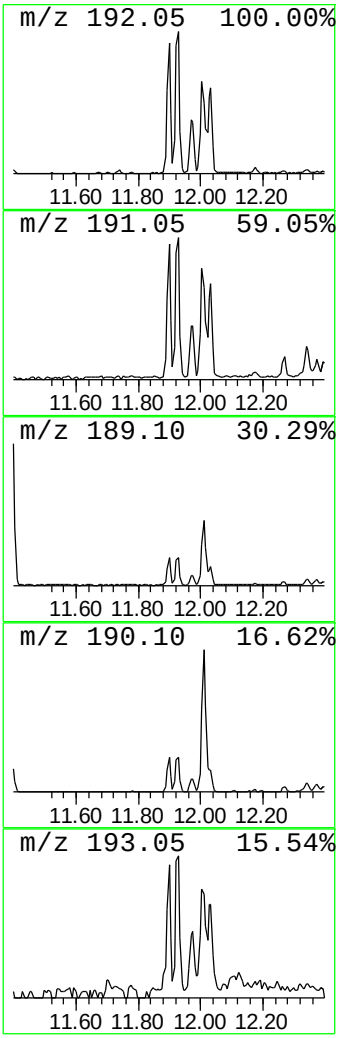
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.55 ng	129708	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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
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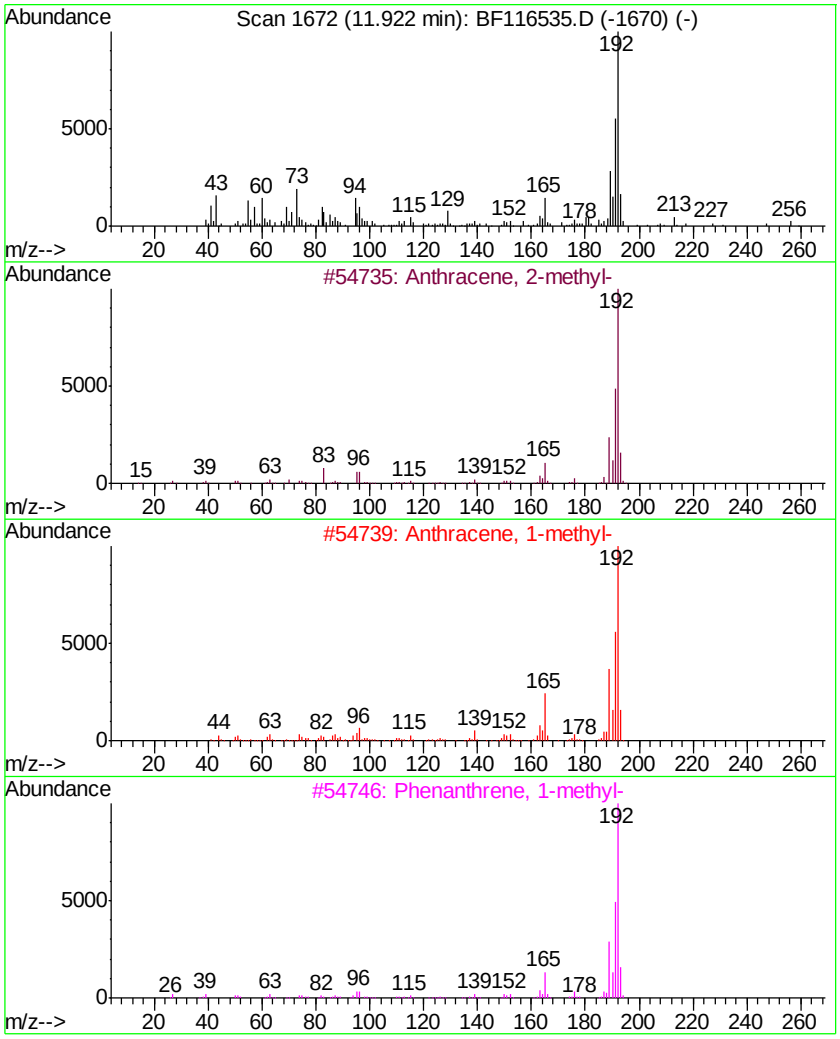
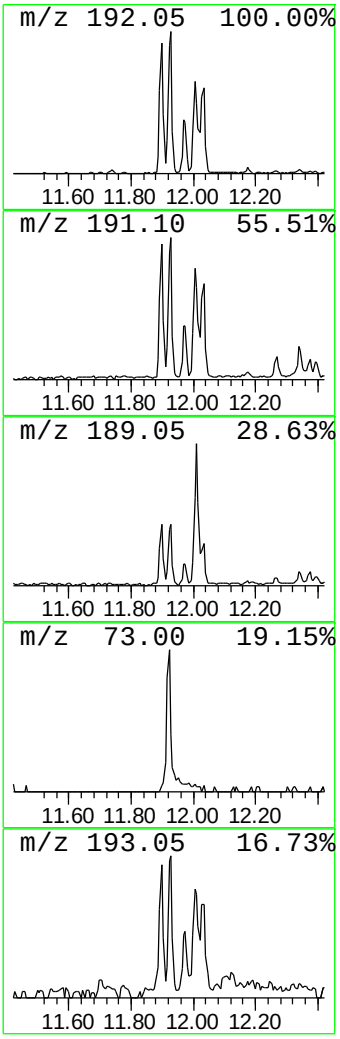
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.54 ng	231034	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Sample : K4475-04
Misc :
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Instrument : BNA_F
ClientSampleId : T1-2-E

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

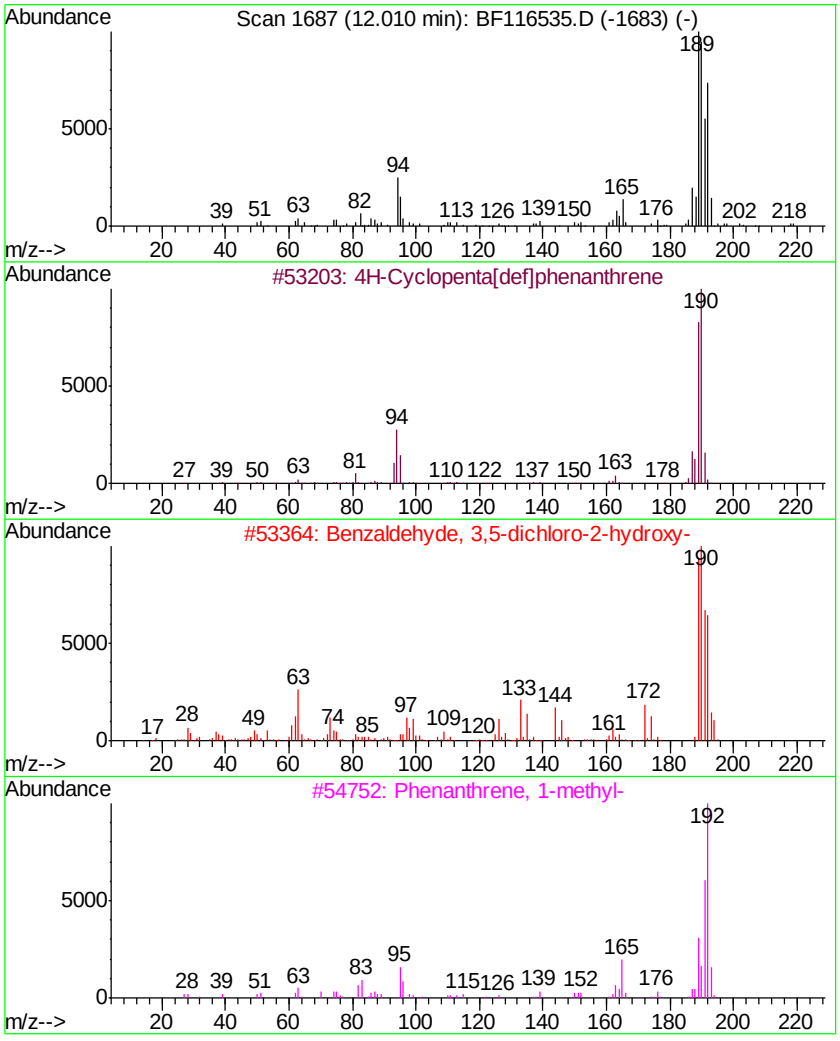
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

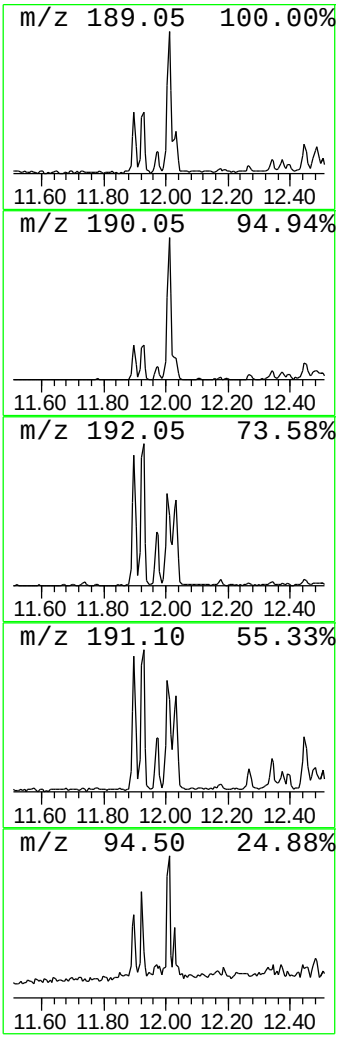
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.75 ng	190756	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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

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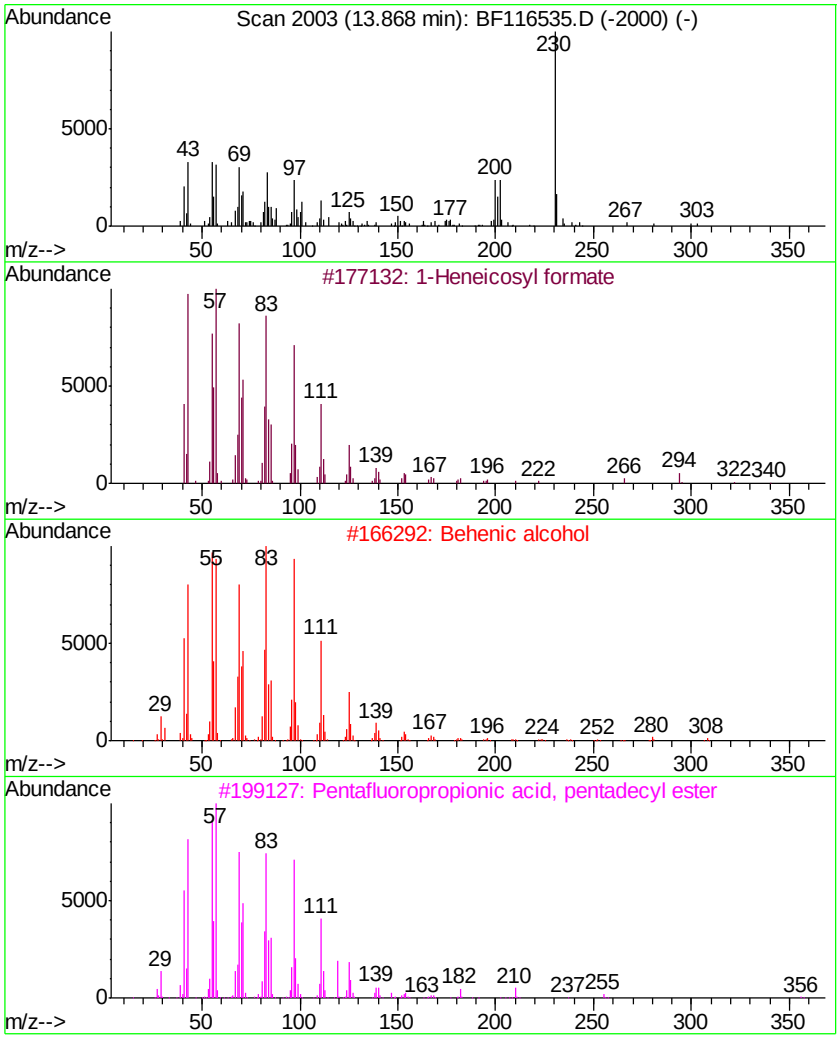
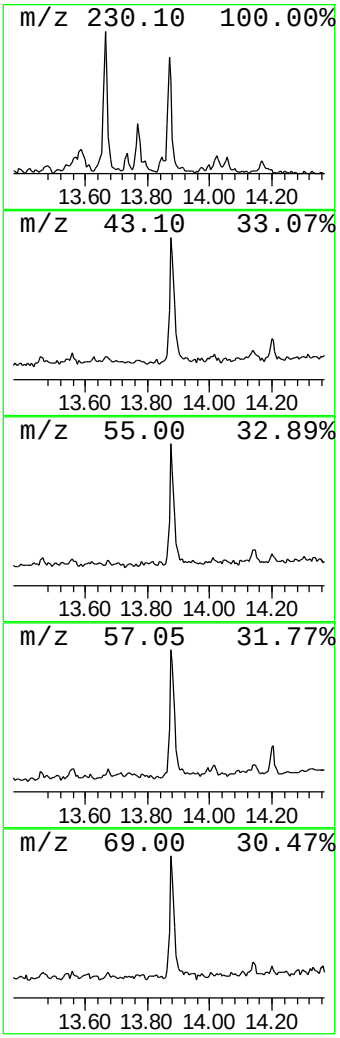
Peak Number 7 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.48 ng	281788	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	92
2	Behenic alcohol	326	C22H46O	000661-19-8	86
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	86
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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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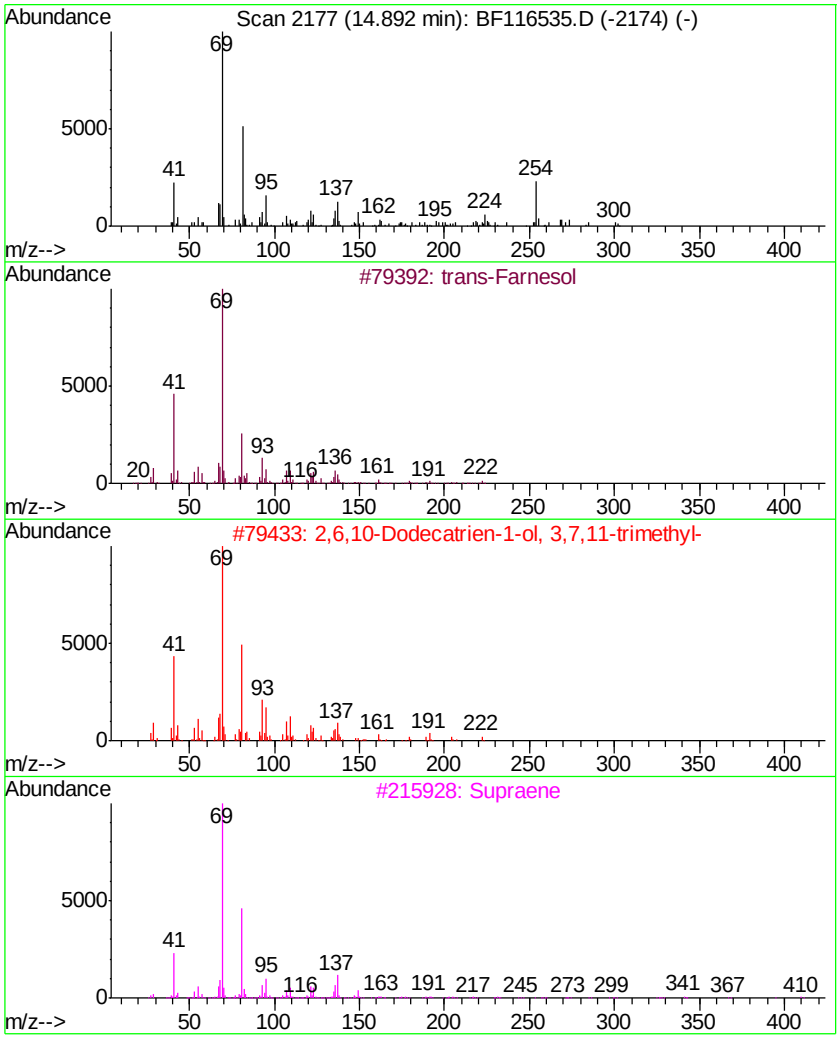
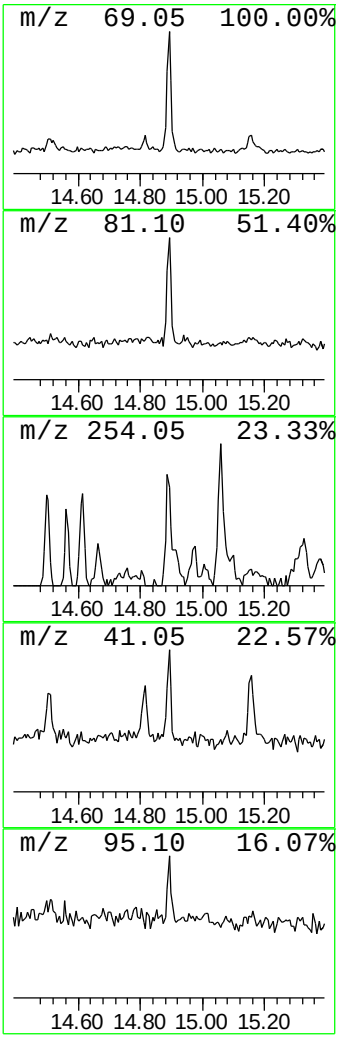
Peak Number 8 trans-Farnesol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.85 ng	92957	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Farnesol	222	C15H26O	000106-28-5	62
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	62
3	Supraene	410	C30H50	007683-64-9	62
4	Squalene	410	C30H50	000111-02-4	58
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116535.D
Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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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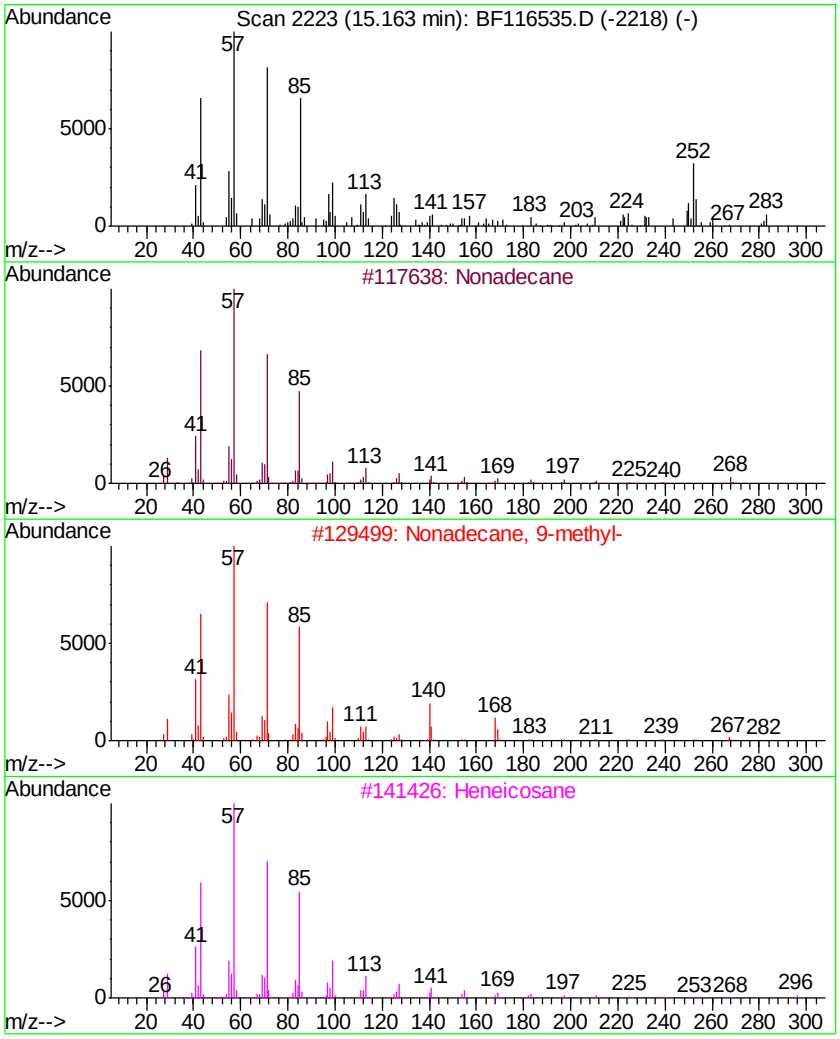
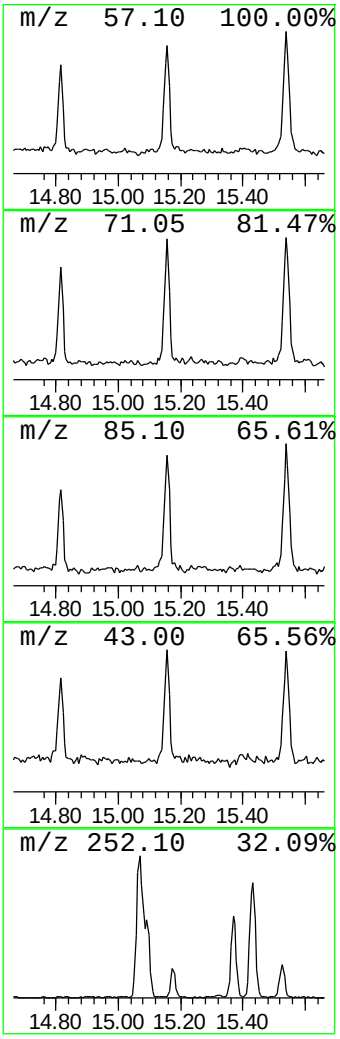
Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.25 ng	171340	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BF116535.D
Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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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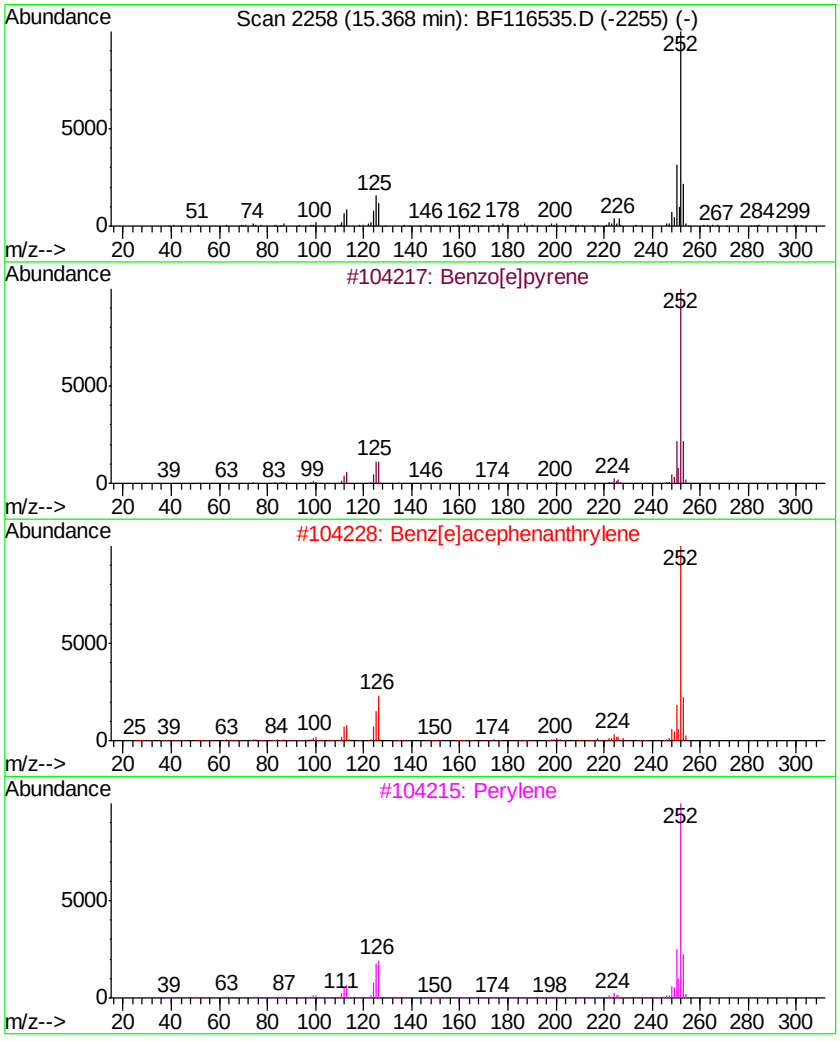
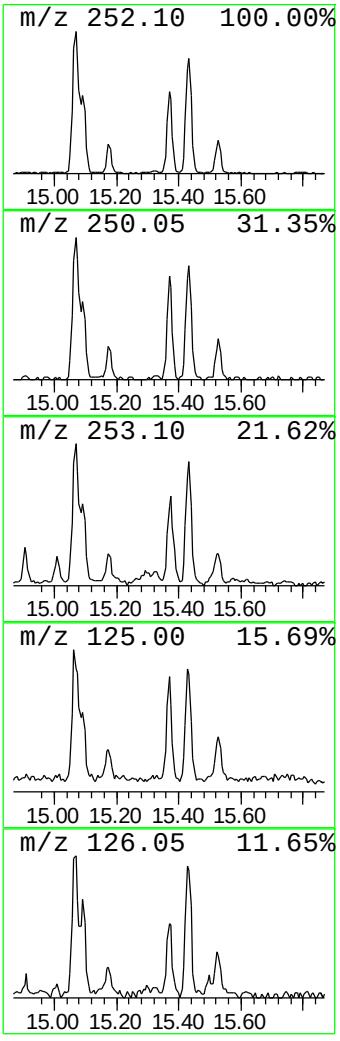
Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.57 ng	149326	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116535.D
Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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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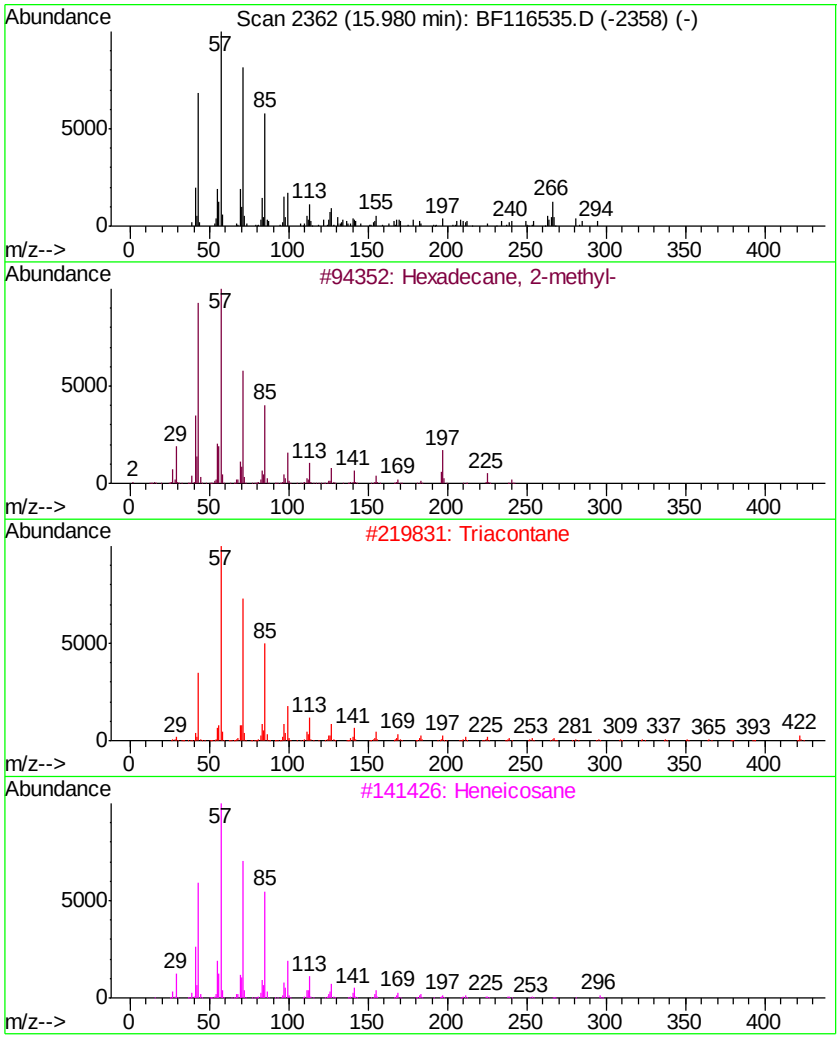
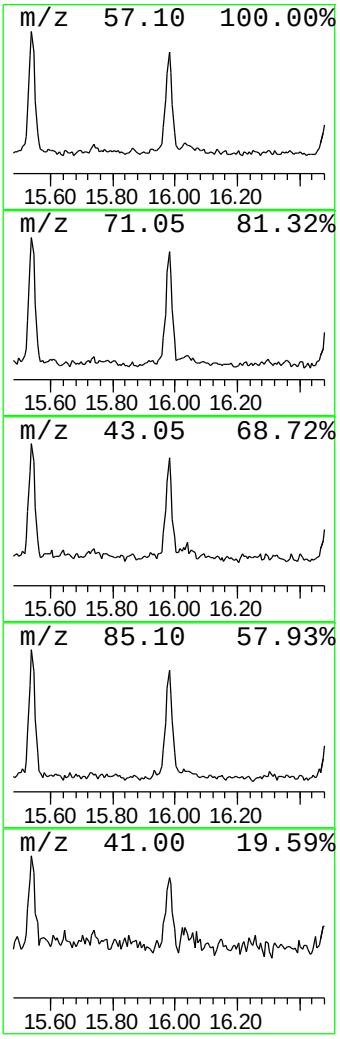
Peak Number 11 Hexadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.45 ng	112804	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	74
2	Triacontane	422	C30H62	000638-68-6	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
Data File : BF116535.D
Acq On : 25 Aug 2019 16:41
Operator : HP/JU
Sample : K4475-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-E

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...	2.24	63.3	ng	2690590	1	6.88	849596	20.0
unknown6.65	6.65	69.5	ng	2952690	1	6.88	849596	20.0
1H-Cyclopropa[l]p...	11.90	2.5	ng	129708	4	11.40	1017470	20.0
Anthracene, 2-met...	11.92	4.5	ng	231034	4	11.40	1017470	20.0
4H-Cyclopenta[def...	12.01	3.8	ng	190756	4	11.40	1017470	20.0
1-Heneicosyl formate	13.87	5.5	ng	281788	5	14.03	1028190	20.0
trans-Farnesol	14.89	2.9	ng	92957	6	15.50	653056	20.0
Nonadecane	15.16	5.3	ng	171340	6	15.50	653056	20.0
Benzo[e]pyrene	15.37	4.6	ng	149326	6	15.50	653056	20.0
Hexadecane, 2-met...	15.98	3.5	ng	112804	6	15.50	653056	20.0