LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

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-BF031820.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	2.157	8	12	22	rVB	290673	409322	4.99%	0.476%
2	5.081	501	509	515	rVB	99780	132363	1.61%	0.154%
3	5.469	569	575	578	rBV	7269870	7664731	93.36%	8.919%
4	6.475	739	746	749	rBV	6497832	7645530	93.12%	8.897%
5	6.851	807	810	814	rVB	2625631	2202895	26.83%	2.563%
6	7.010	833	837	840	rBV	6763921	5966839	72.68%	6.943%
7	7.416	899	906	909	rBV	5198209	4983857	60.70%	5.800%
8	8.139	1024	1029	1032	rBV	3412938	2893700	35.25%	3.367%
9	9.222	1207	1213	1216	rBV	8650066	8210074	100.00%	9.554%
10	9.298	1221	1226	1231	rBV3	120716	152604	1.86%	0.178%
11	9.410	1241	1245	1249	rVB2	99159	90514	1.10%	0.105%
12	9.475	1252	1256	1262	rVB3	209428	221506	2.70%	0.258%
13	9.539	1262	1267	1269	rBV	485534	503742	6.14%	0.586%
14	9.557	1269	1270	1273	rVV	300379	190220	2.32%	0.221%
15	9.610	1275	1279	1282	rVV	923399	691492	8.42%	0.805%
16	9.657	1284	1287	1291	rVB2	170718	164358	2.00%	0.191%
17	9.728	1296	1299	1302	rVV	529137	450606	5.49%	0.524%
18	9.804	1306	1312	1315	rVV2	191652	231447	2.82%	0.269%
19	9.845	1315	1319	1322	rVV2	295260	286905	3.49%	0.334%
20	9.898	1322	1328	1331	rVV	3639987	3092271	37.66%	3.598%
21	9.928	1331	1333	1337	rVB	104818	97021	1.18%	0.113%
22	10.028	1348	1350	1358	rVB4	70114	102946	1.25%	0.120%
23	10.575	1440	1443	1446	rVB	504505	403138	4.91%	0.469%
24	10.686	1456	1462	1465	rBV	5487199	4890613	59.57%	5.691%
25	11.386	1576	1581	1583	rBV	3303635	2900718	35.33%	3.376%
26	11.410	1583	1585	1588	rVV	846150	651213	7.93%	0.758%
27	11.457	1588	1593	1596	rVB	309029	280488	3.42%	0.326%
28	11.610	1613	1619	1622	rBV2	99733	105243	1.28%	0.122%
29	11.886	1661	1666	1668	rBV	181602	175240	2.13%	0.204%
30	11.916	1668	1671	1676	rVV2	1633115	1531455	18.65%	1.782%
31	11.963	1676	1679	1681	rVV	142306	166593	2.03%	0.194%
32	11.998	1681	1685	1687	rVV2	312107	341169	4.16%	0.397%
33	12.022	1687	1689	1694	rVB	137268	112113	1.37%	0.130%
34	12.180	1711	1716	1718	rBV	123869	135888	1.66%	0.158%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.433	1755	1759	1762	rBV	153308	164773	2.01%	0.192%
36	12.486	1762	1768	1771	rVB4	103605	171894	2.09%	0.200%
37	12.516	1771	1773	1779	rVB3	107331	122608	1.49%	0.143%
38	12.598	1783	1787	1790	rBV	1687858	1400813	17.06%	1.630%
39	12.704	1801	1805	1811	rBV	614555	669270	8.15%	0.779%
40	12.827	1819	1826	1829	rBV	1311155	1389271	16.92%	1.617%
41	12.874	1832	1834	1839	rVB2	81173	96003	1.17%	0.112%
42	12.945	1842	1846	1847	rBV	92661	110897	1.35%	0.129%
43	12.974	1847	1851	1854	rVV	6954261	6424839	78.26%	7.476%
44	13.045	1858	1863	1866	rBV3	110813	189994	2.31%	0.221%
45	13.133	1874	1878	1879	rBV3	76178	90085	1.10%	0.105%
46	13.151	1879	1881	1884	rVB	198412	187346	2.28%	0.218%
47	13.221	1889	1893	1895	rVB3	165215	164398	2.00%	0.191%
48	13.257	1895	1899	1902	rBV	206612	210846	2.57%	0.245%
49	13.292	1902	1905	1908	rVB	129269	116669	1.42%	0.136%
50	13.410	1921	1925	1927	rBV	1117747	1015292	12.37%	1.181%
51	13.433	1927	1929	1939	rVB3	264335	376213	4.58%	0.438%
52	13.521	1940	1944	1947	rBV	166344	189743	2.31%	0.221%
53	13.657	1964	1967	1972	rVB	95063	120089	1.46%	0.140%
54	13.774	1982	1987	1989	rBV2	94550	124924	1.52%	0.145%
55	13.874	2000	2004	2008	rBV2	1293880	1395441	17.00%	1.624%
56	14.021	2022	2029	2032	rBV2	2250123	2802585	34.14%	3.261%
57	14.051	2032	2034	2039	rVB	564994	491586	5.99%	0.572%
58	14.198	2056	2059	2063	rVB2	309296	311249	3.79%	0.362%
59	14.410	2091	2095	2099	rBV	130101	164089	2.00%	0.191%
60	14.457	2099	2103	2106	rBV3	131389	170728	2.08%	0.199%
61	14.504	2108	2111	2114	rBV	559366	558285	6.80%	0.650%
62	14.610	2124	2129	2135	rBV5	74566	140770	1.71%	0.164%
63	14.663	2135	2138	2143	rBV2	152954	157787	1.92%	0.184%
64	14.815	2161	2164	2169	rVB	475574	492938	6.00%	0.574%
65	14.963	2187	2189	2193	rVB3	86023	93800	1.14%	0.109%
66	15.063	2201	2206	2210	rBV	471228	781627	9.52%	0.910%
67	15.163	2218	2223	2232	rVB2	601783	859288	10.47%	1.000%
68	15.368	2254	2258	2264	rVB	290009	352930	4.30%	0.411%
69	15.427	2264	2268	2274	rBV	425087	505339	6.16%	0.588%
70	15.498	2274	2280	2283	rVV	1558784	1879826	22.90%	2.188%
71	15.551	2283	2289	2293	rVB2	395446	603845	7.35%	0.703%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.992	2359	2364	2368	rBV	400449	618092	7.53%	0.719%
73	16.039	2368	2372	2379	rVB3	255203	452230	5.51%	0.526%
74	16.509	2447	2452	2458	rBV	124151	207779	2.53%	0.242%
75	16.798	2494	2501	2506	rBV5	74044	172895	2.11%	0.201%
76	16.957	2522	2528	2535	rBV2	199535	403623	4.92%	0.470%
77	17.115	2549	2555	2563	rBV4	98084	330667	4.03%	0.385%
78	17.398	2598	2603	2610	rVB	141917	254336	3.10%	0.296%
79	17.580	2628	2634	2640	rBV6	156365	317830	3.87%	0.370%

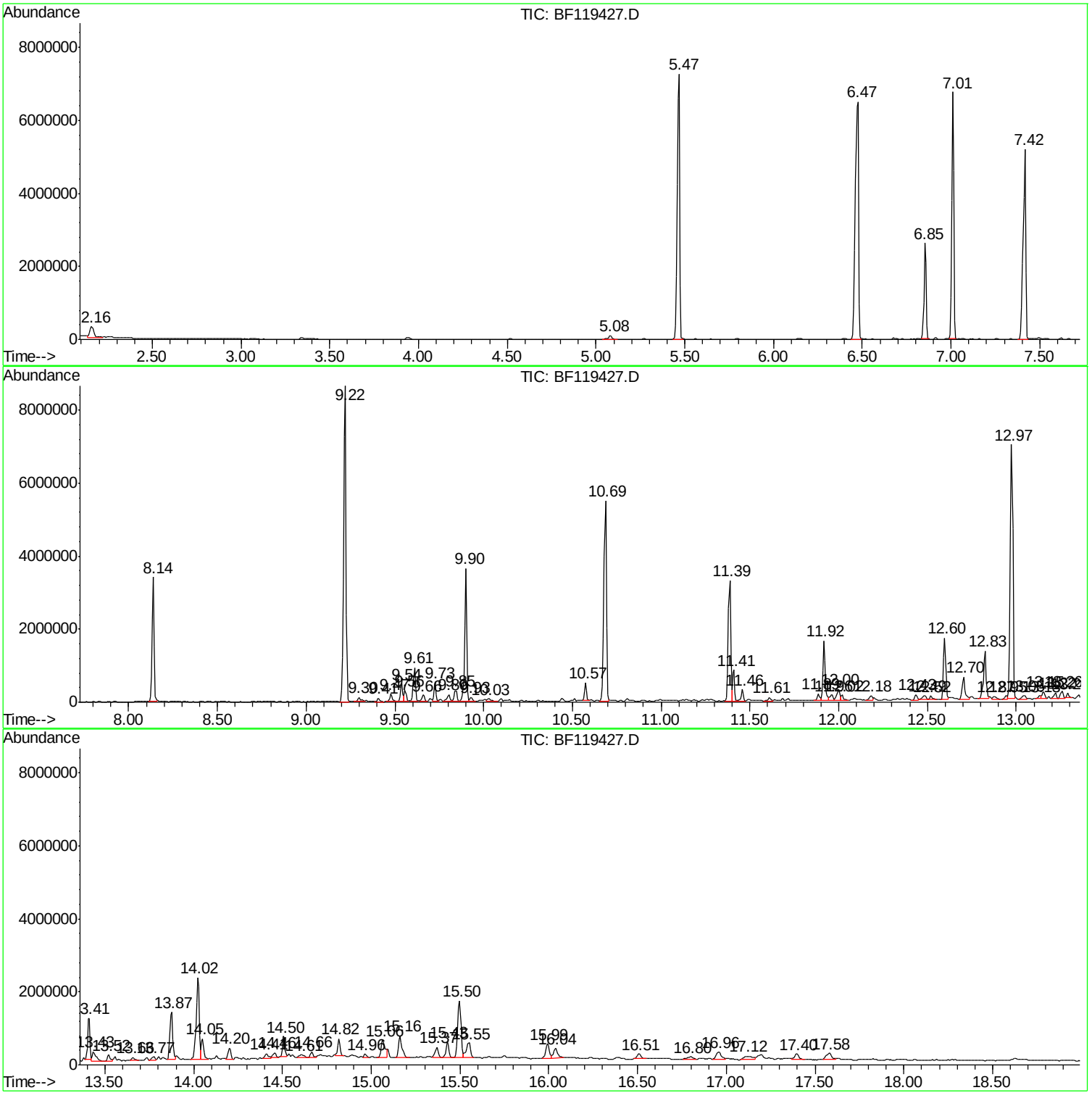
Sum of corrected areas: 85934346

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

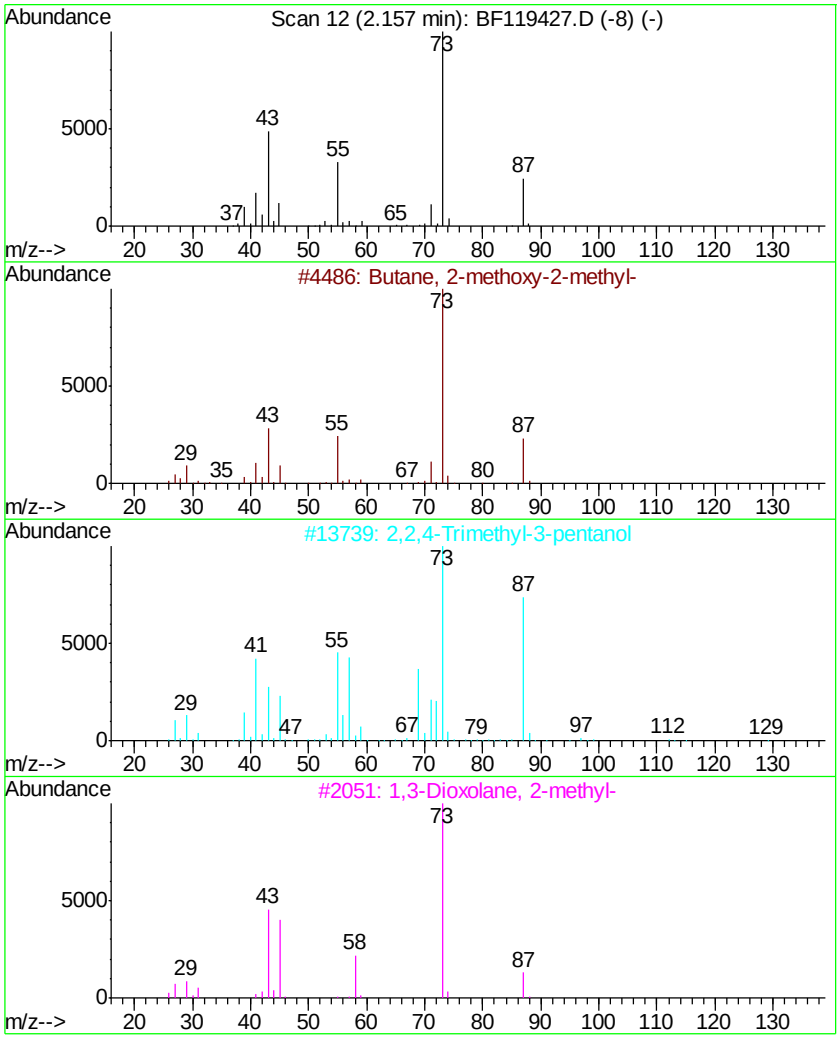
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

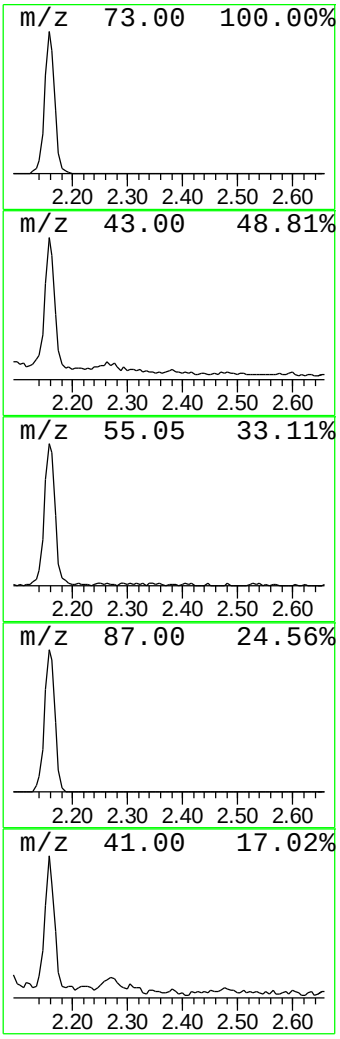
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.72 ng	409322	1,4-Dichlorobenzene-d4	6.85

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

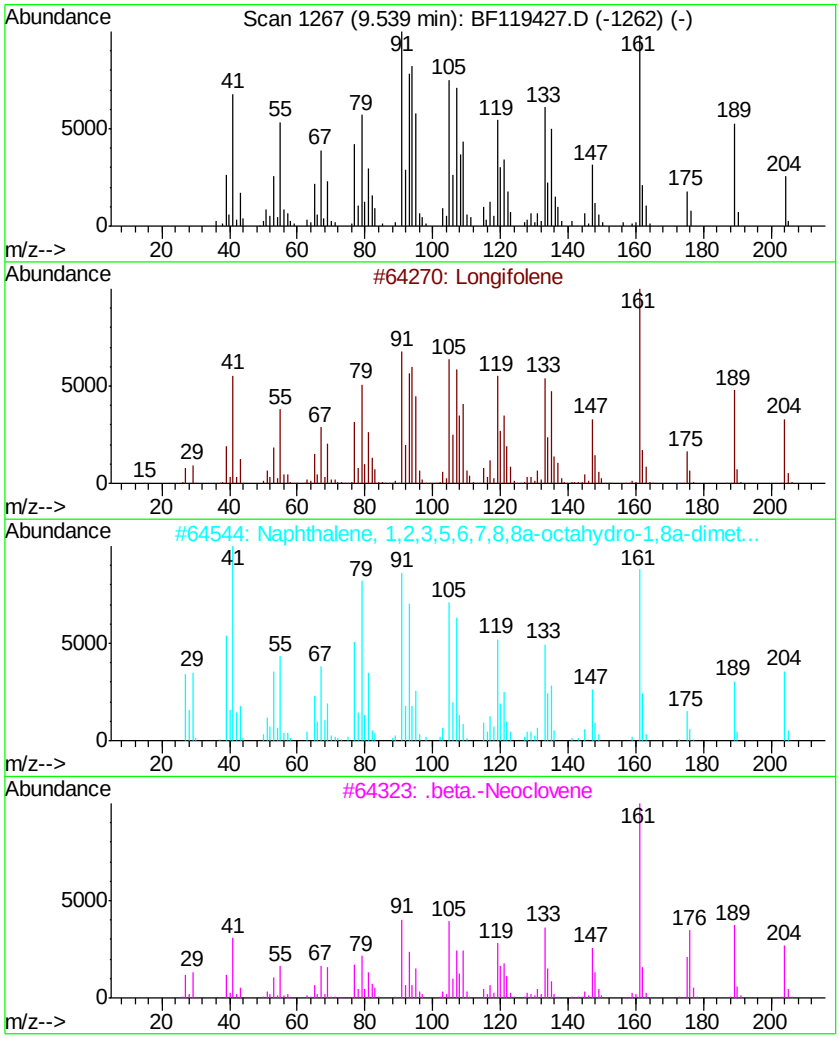
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

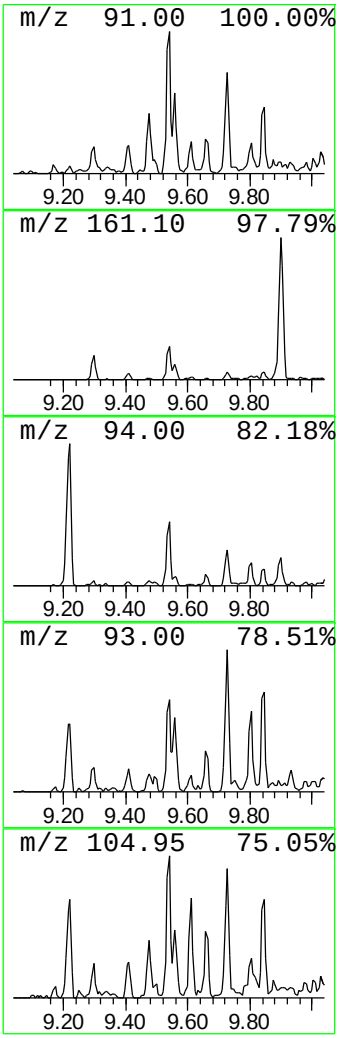
****

Peak Number 3 Longifolene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	3.26 ng	503742	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96
3	.beta.-Neoclovene	204	C15H24	056684-96-9	87
4	Aromandendrene	204	C15H24	000489-39-4	86
5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

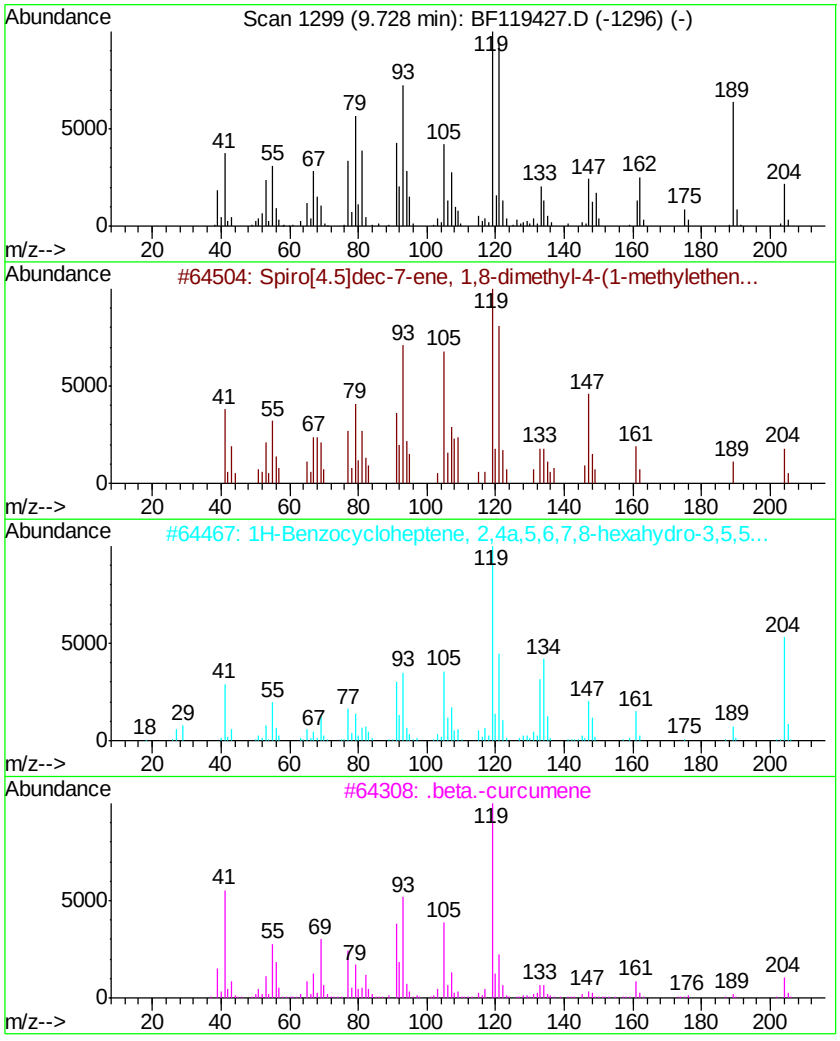
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

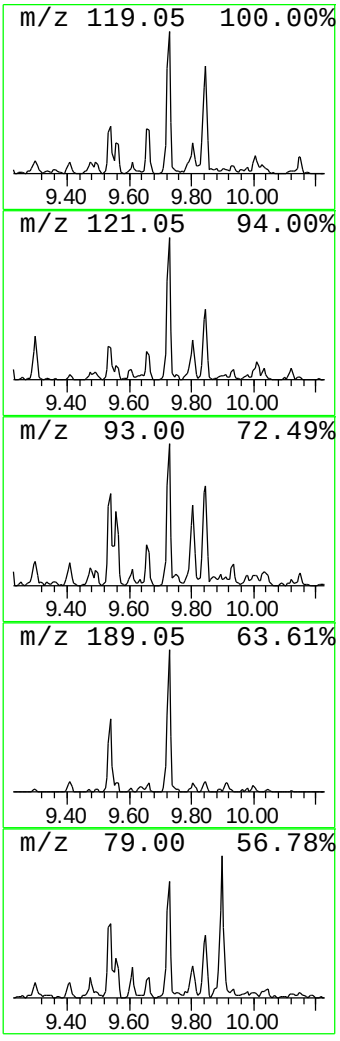
****

Peak Number 4 Spiro[4.5]dec-7-ene, 1,8-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.91 ng	450606	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]dec-7-ene, 1,8-dimethy...	204	C15H24	024048-44-0	90
2	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	50
3	.beta.-curcumene	204	C15H24	1000374-17-4	46
4	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	42
5	cis-Thujopsene	204	C15H24	000470-40-6	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

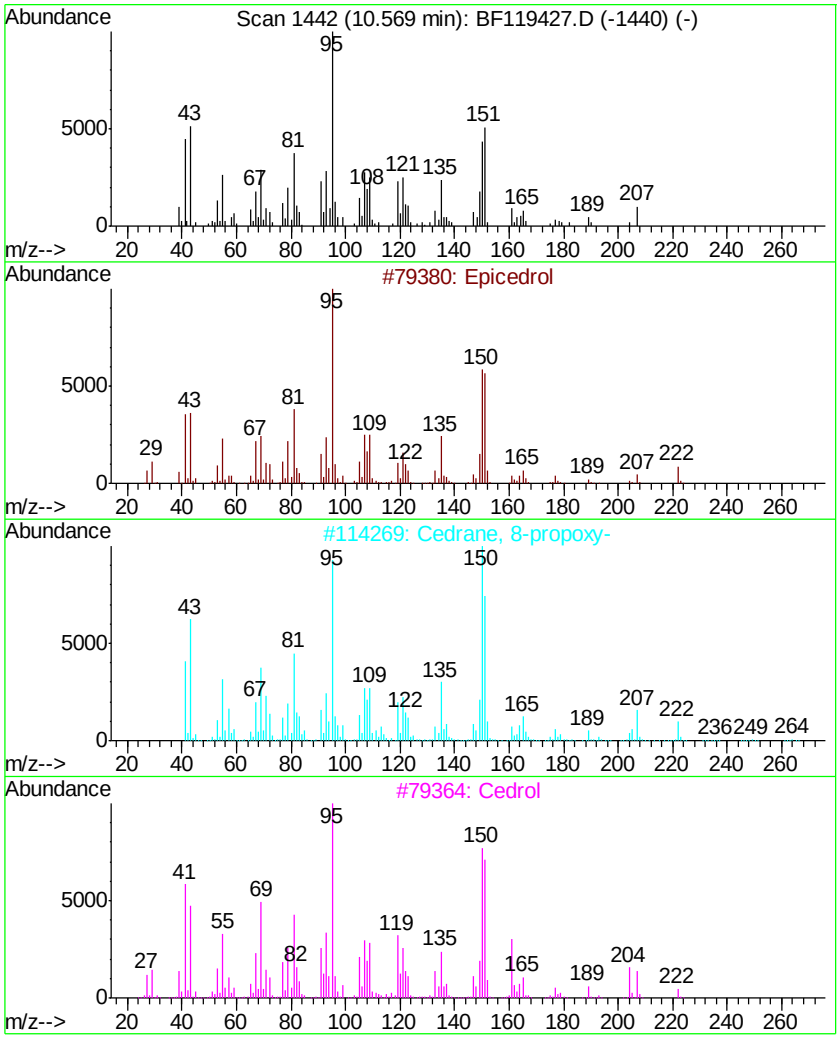
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

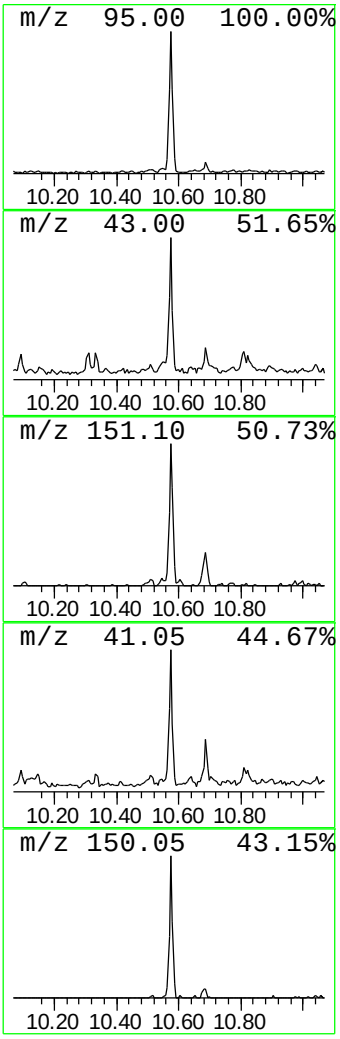
****

Peak Number 5 Epicedrol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.61 ng	403138	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epicedrol	222	C15H26O	1000156-22-8	91
2	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	87
3	Cedrol	222	C15H26O	000077-53-2	87
4	3-Dimethylaminoanisole	151	C9H13NO	015799-79-8	41
5	Piperonylamine	151	C8H9NO2	002620-50-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

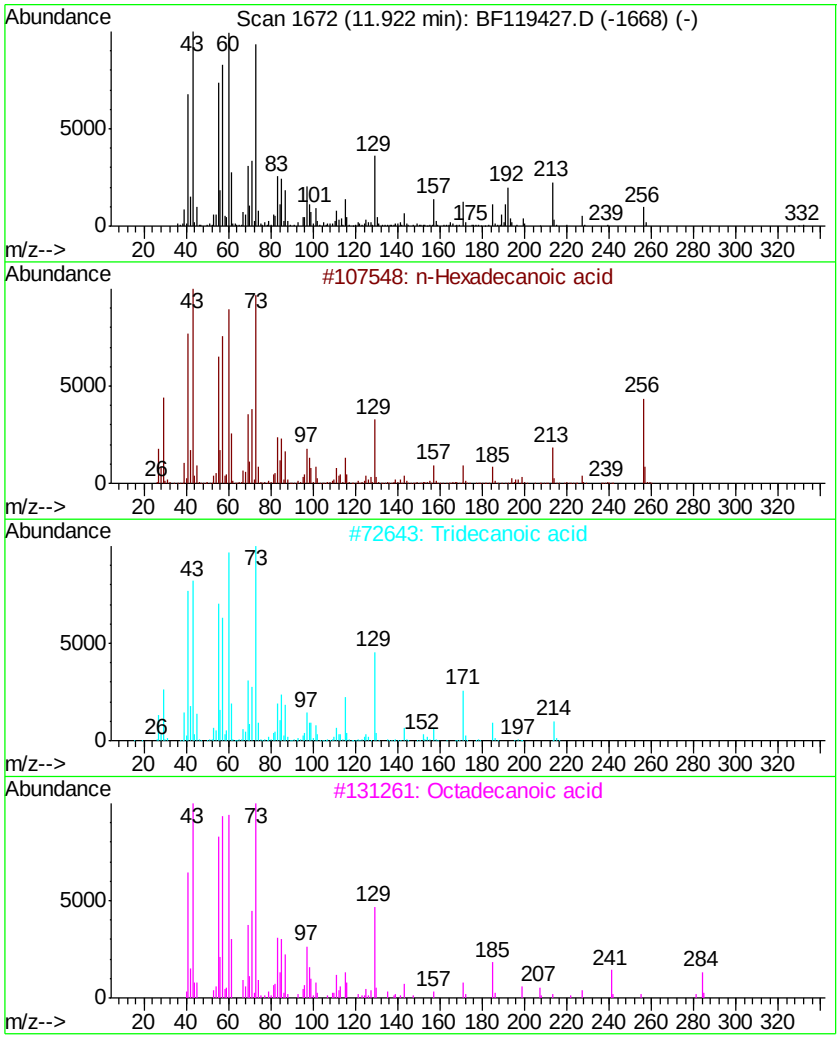
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

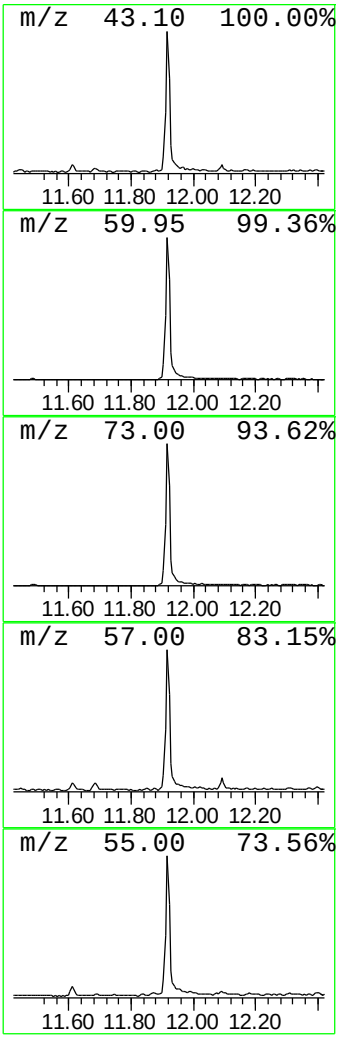
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.56 ng	1531460	Phenanthrene-d10	11.39

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	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

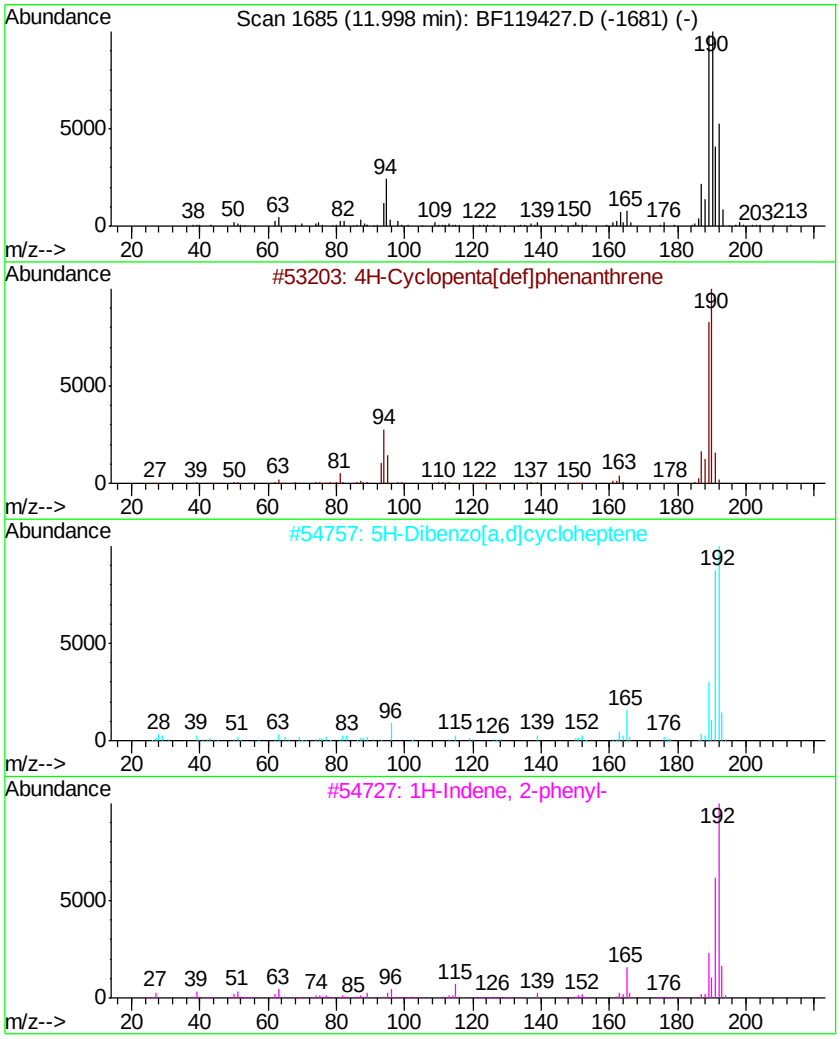
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

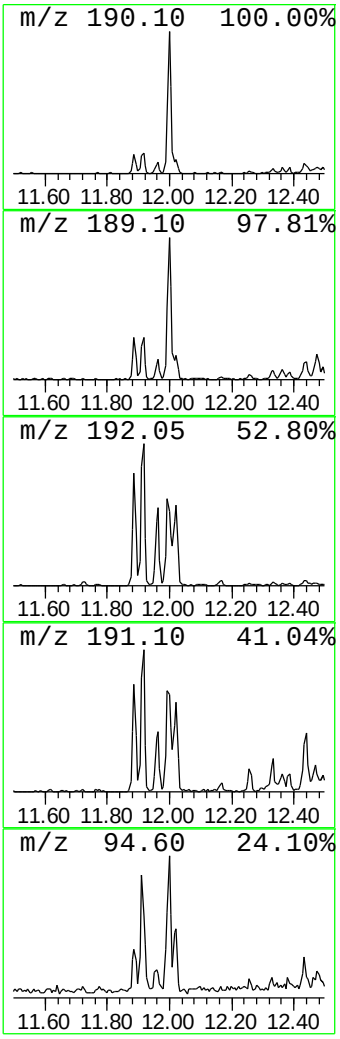
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.35 ng	341169	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	14
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

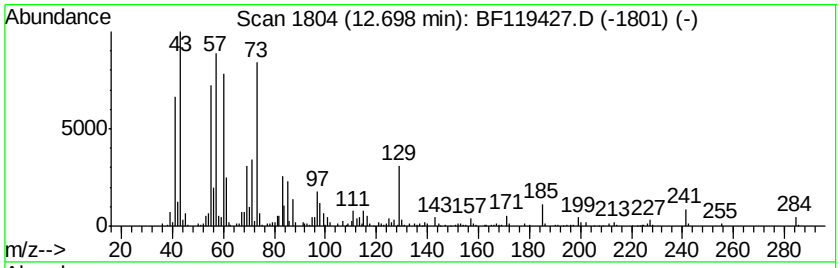
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

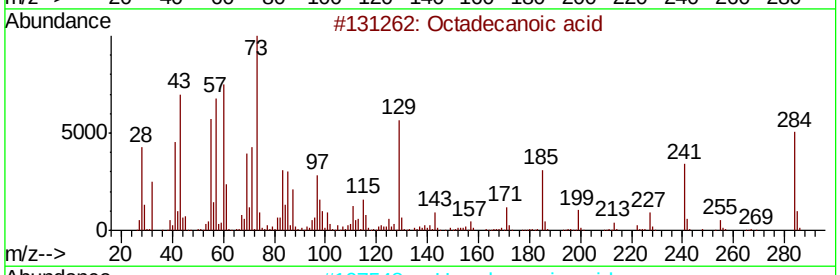
****

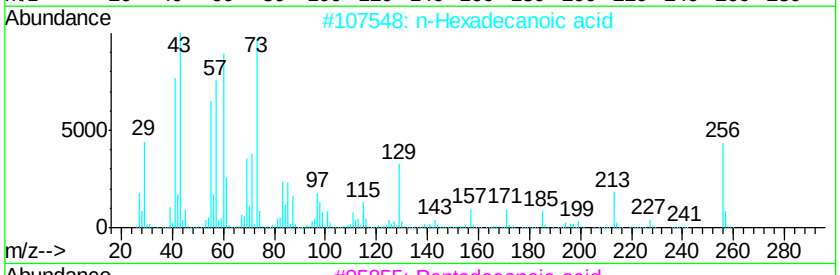
Peak Number 8 Octadecanoic acid Concentration Rank 10

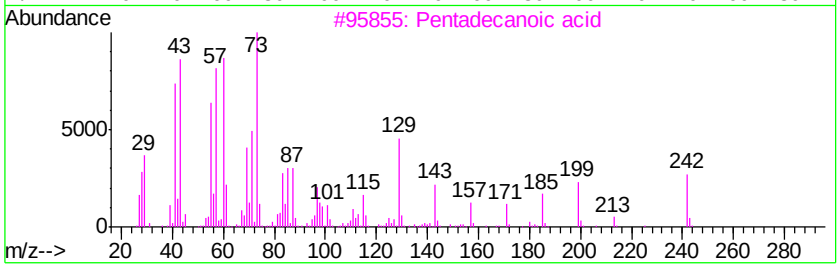
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.61 ng	669270	Phenanthrene-d10	11.39

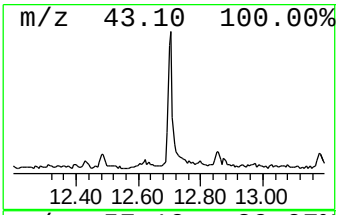
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72

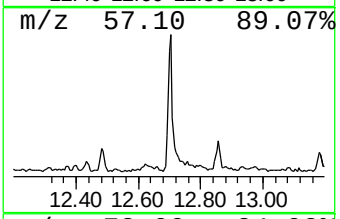


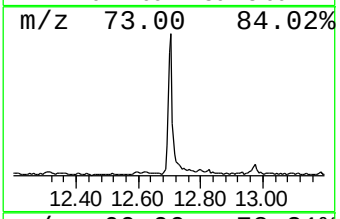


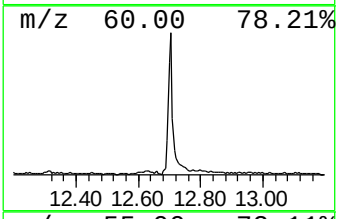


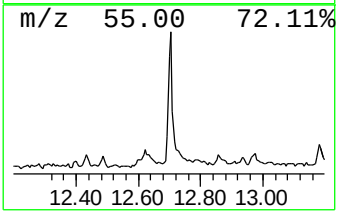












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

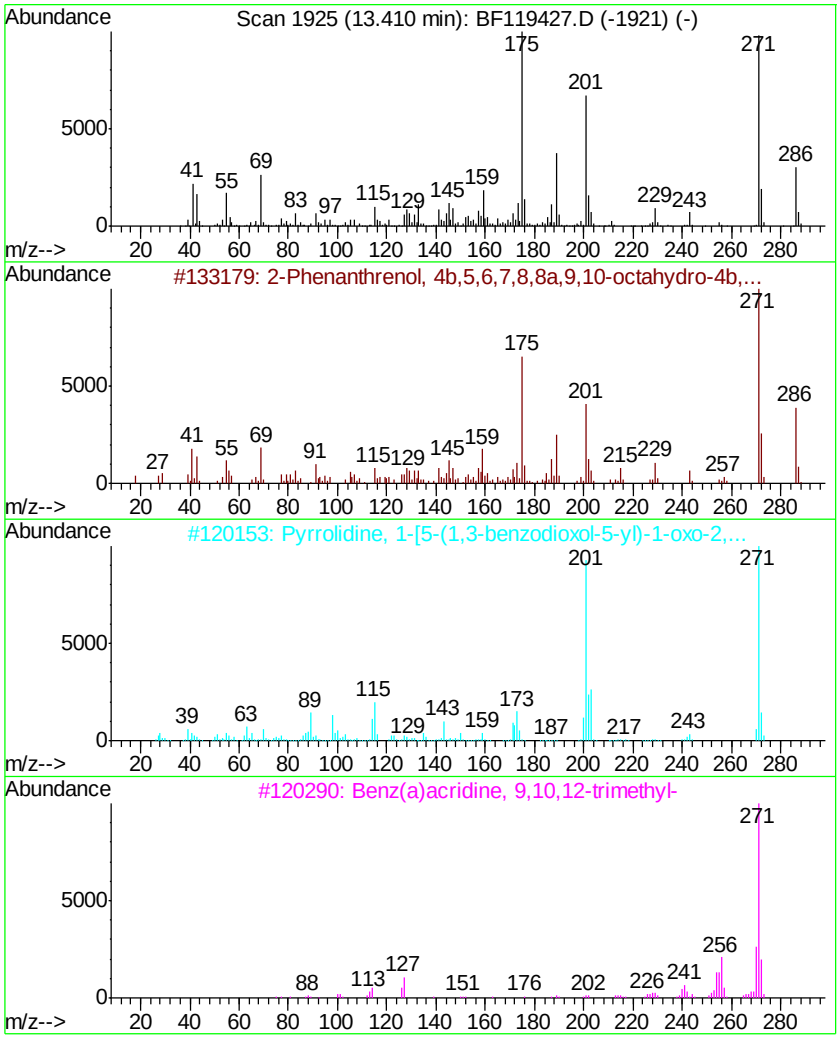
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

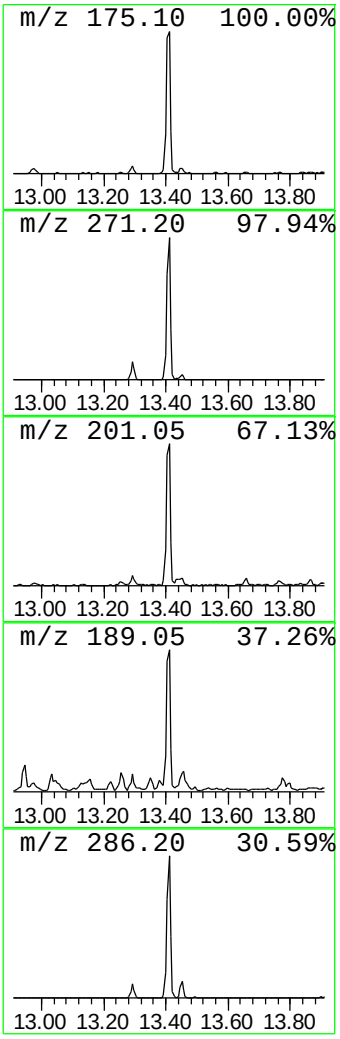
****

Peak Number 9 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	7.25 ng	1015290	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	89
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	35
3	Benz(a)acridine, 9,10,12-trimethyl-	271	C20H17N	063040-02-8	18
4	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	16
5	[1,2,4]Triazolo[1,5-a]pyrimidin-...	271	C13H13N5O2	1000351-09-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

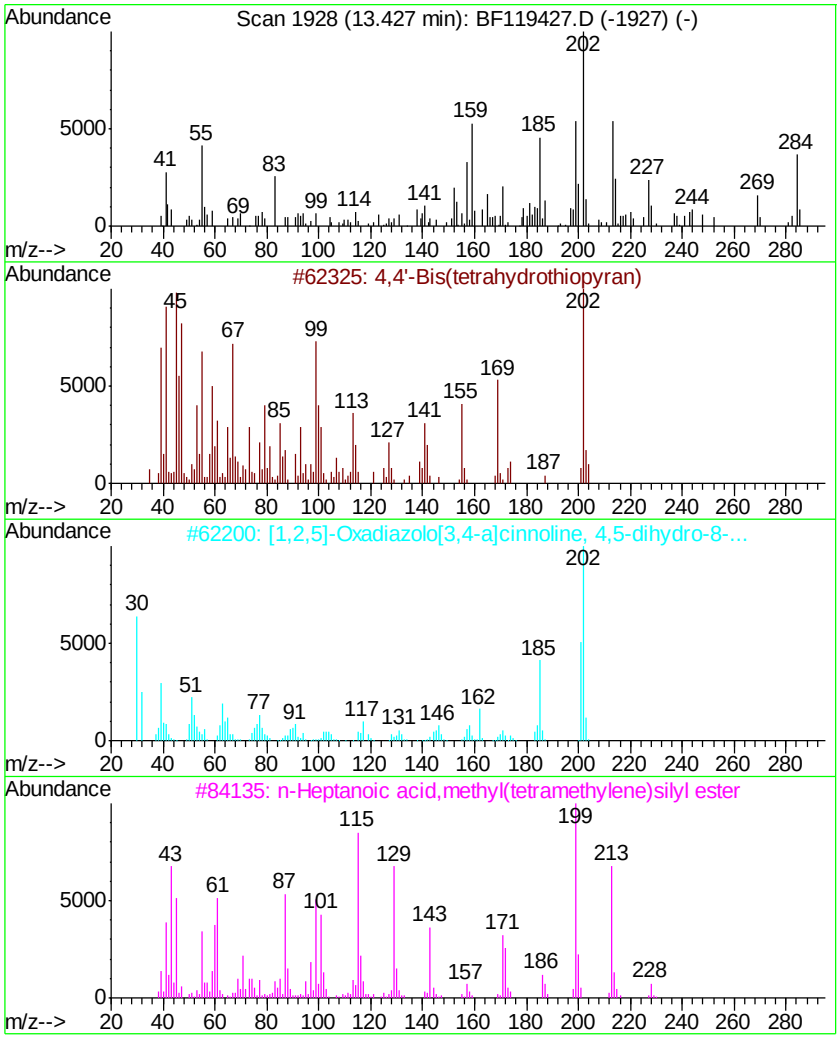
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

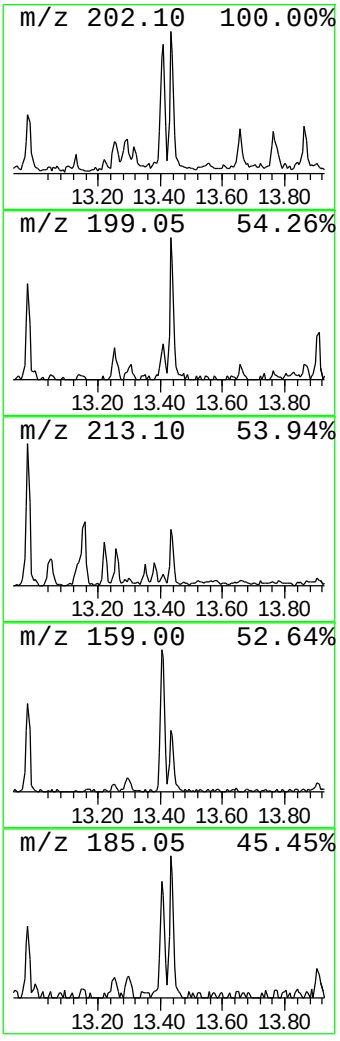
****

Peak Number 10 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.68 ng	376213	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	25
4	2,4(1H,3H)-Pyrimidinedione, 6-me...	202	C11H10N2O2	001015-64-1	12
5	l-Leucyl-l-leucine, N,N'-dimethy...	444	C23H44N2O6	1000328-59-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

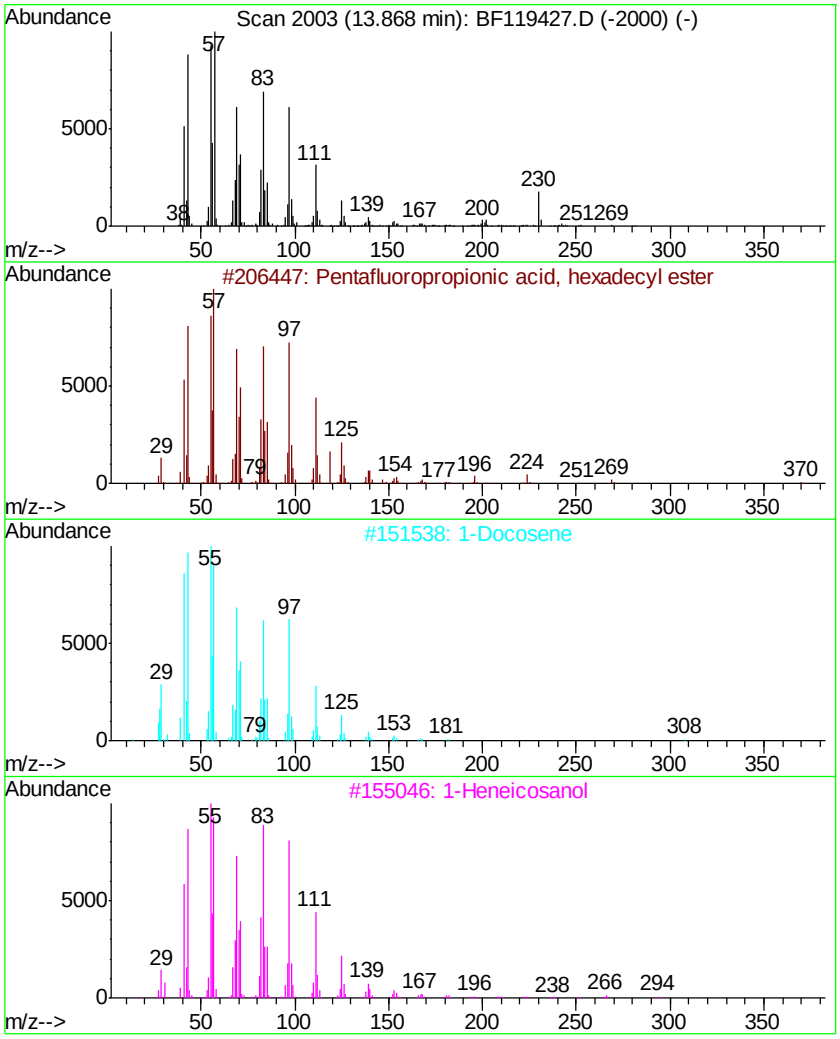
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

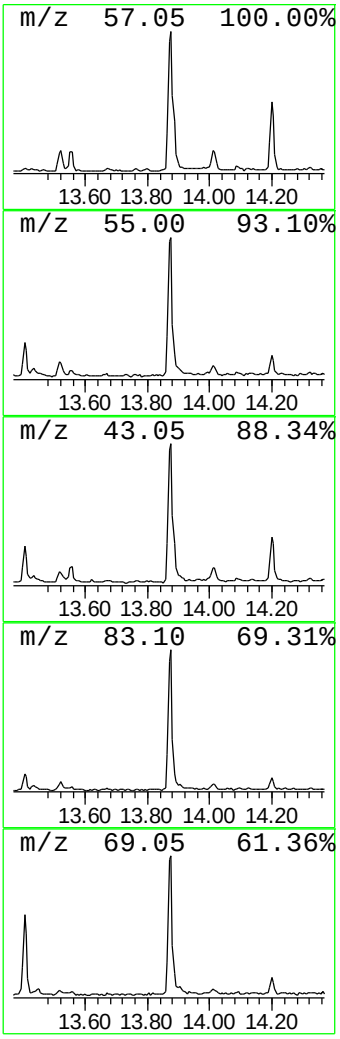
****

Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.96 ng	1395440	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

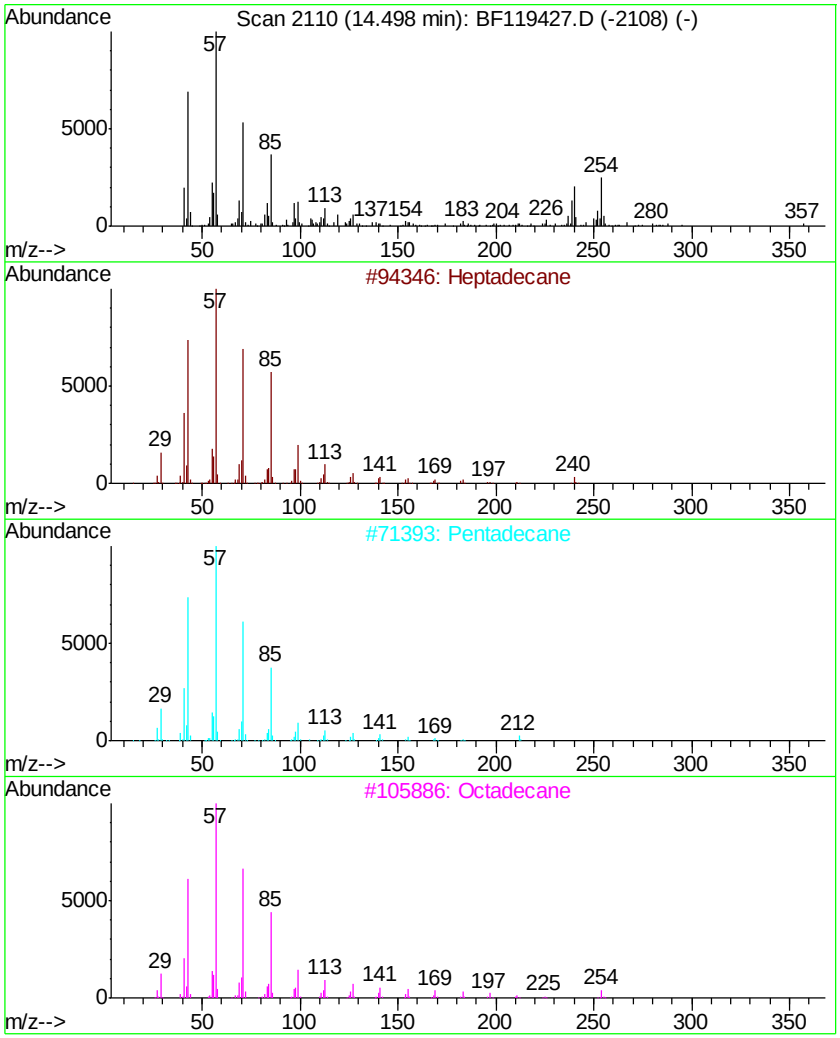
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

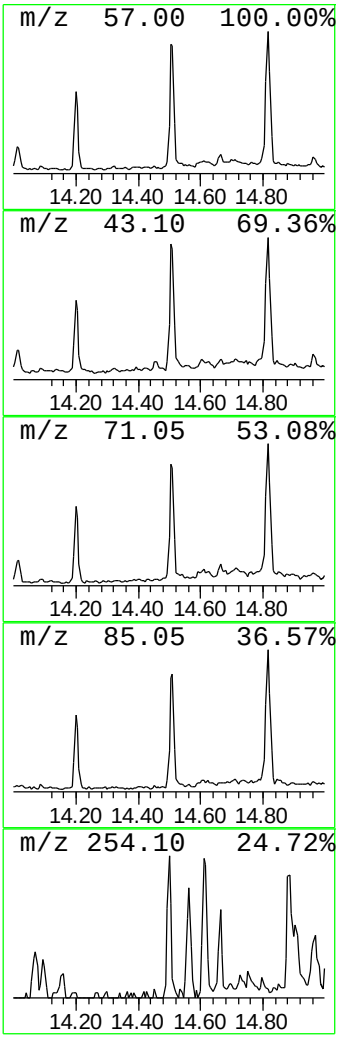
****

Peak Number 12 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.98 ng	558285	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Octadecane	254	C18H38	000593-45-3	89
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetratetracontane	619	C44H90	007098-22-8	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

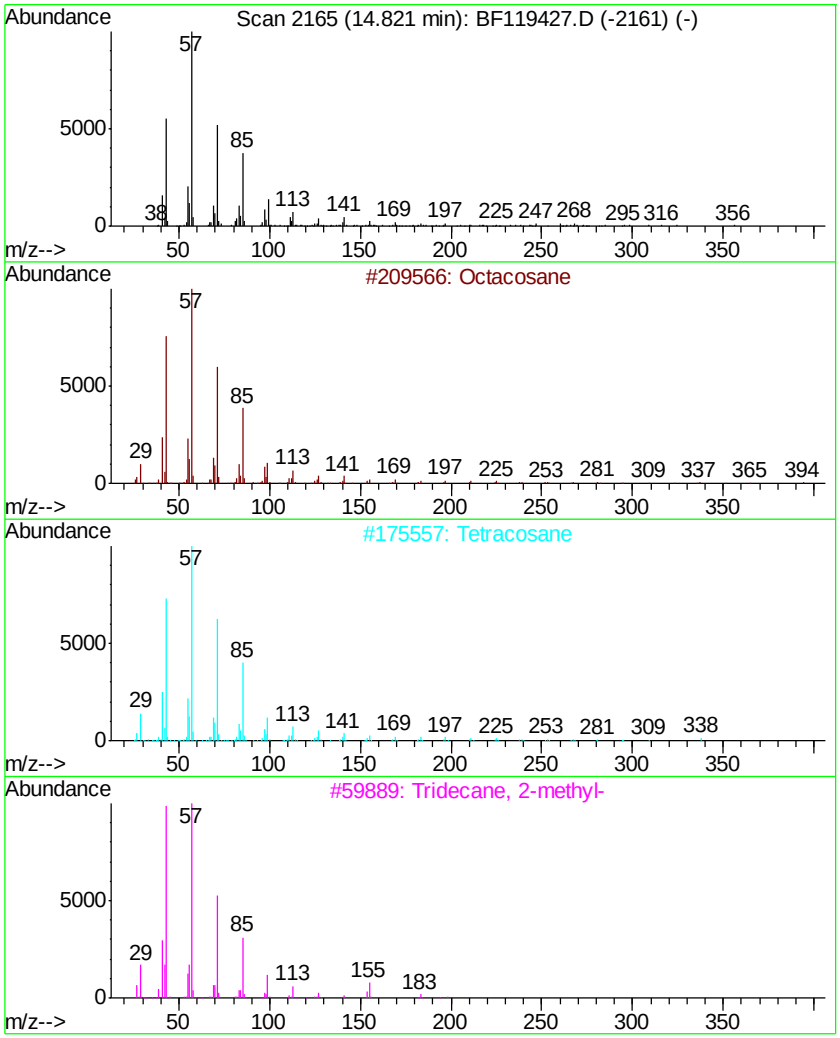
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

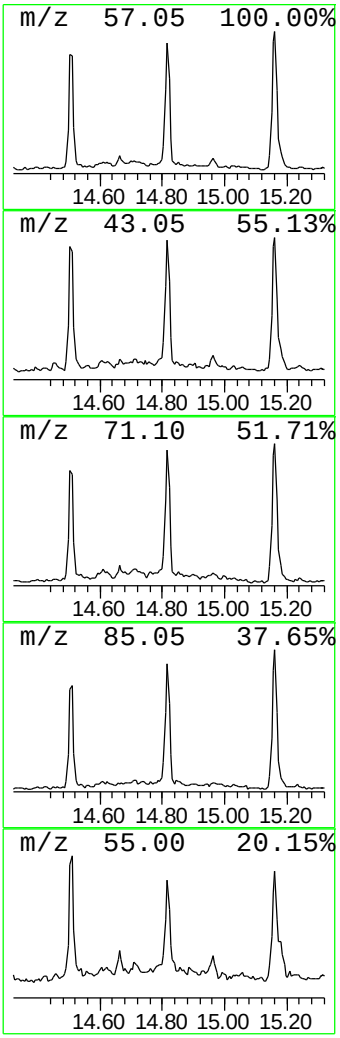
****

Peak Number 13 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.24 ng	492938	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

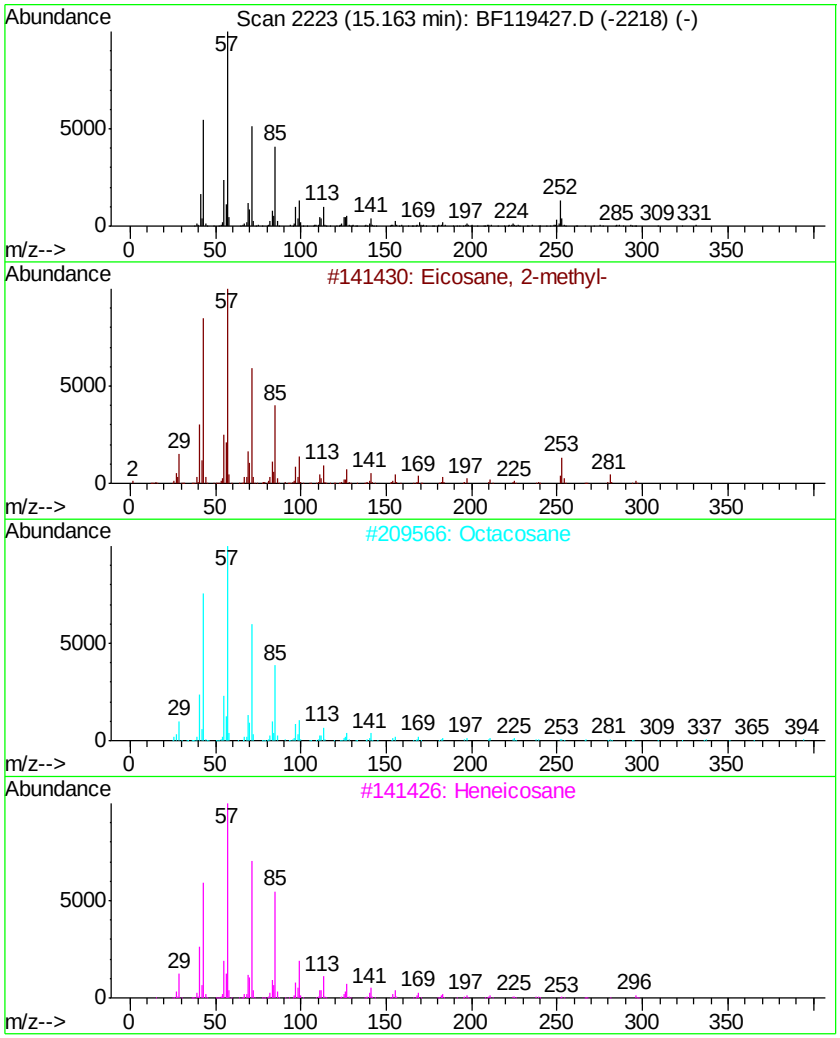
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

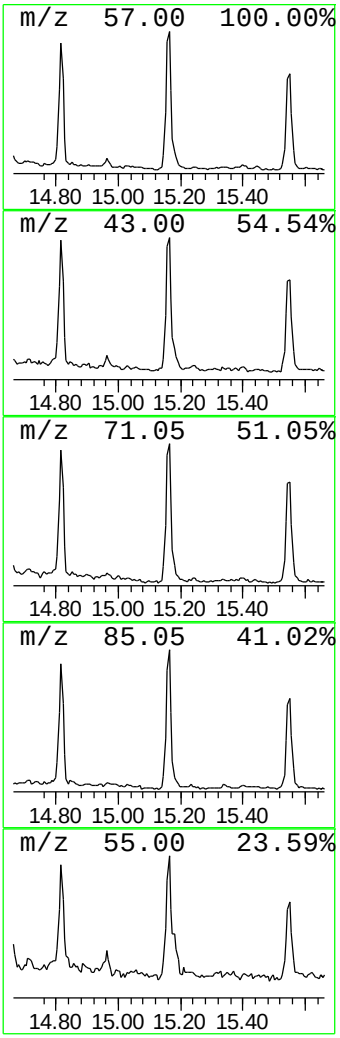
****

Peak Number 14 Eicosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	9.14 ng	859288	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane	296	C21H44	000629-94-7	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

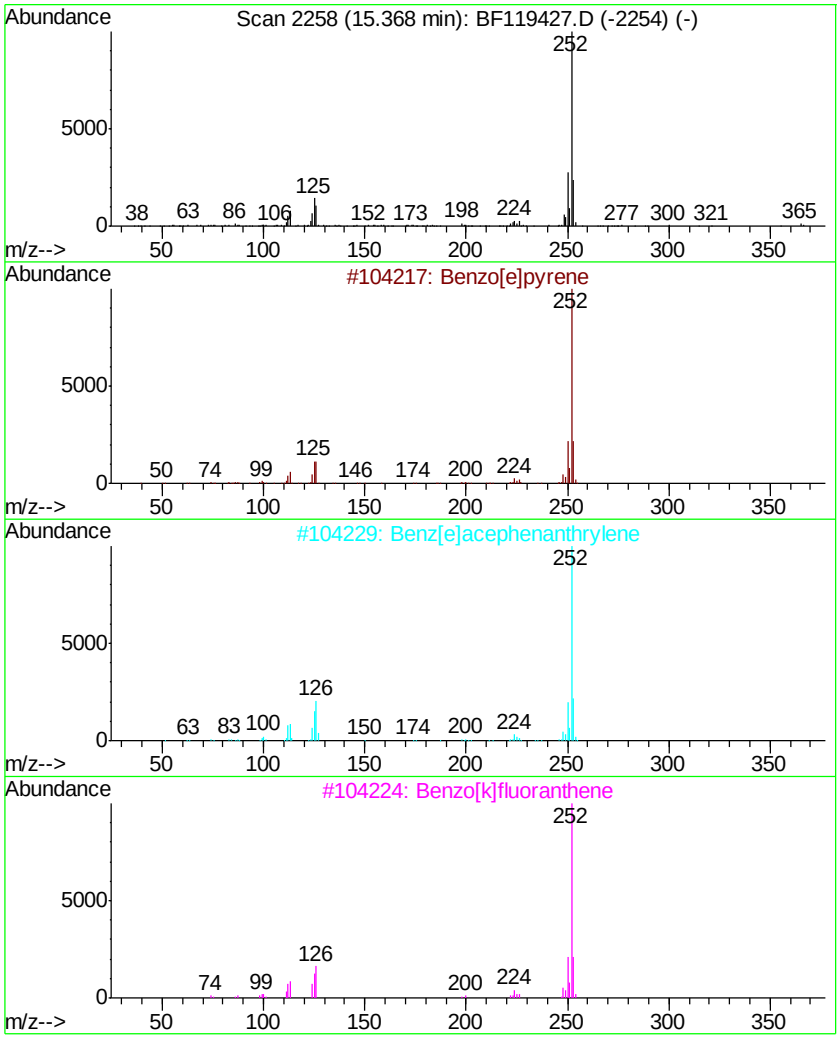
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

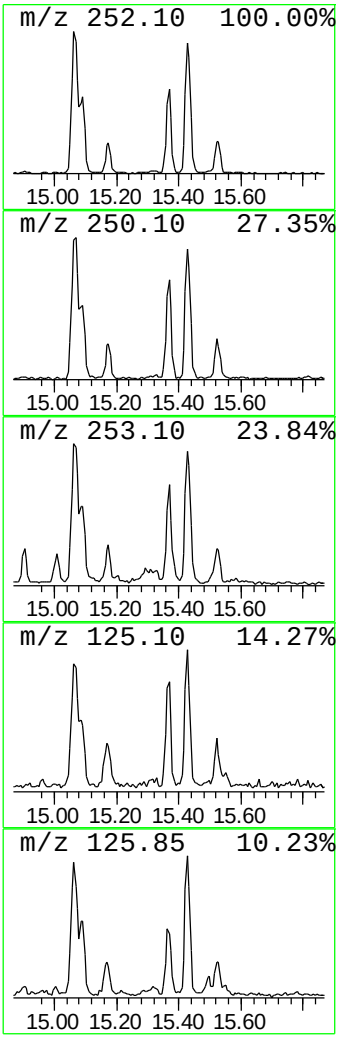
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.75 ng	352930	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

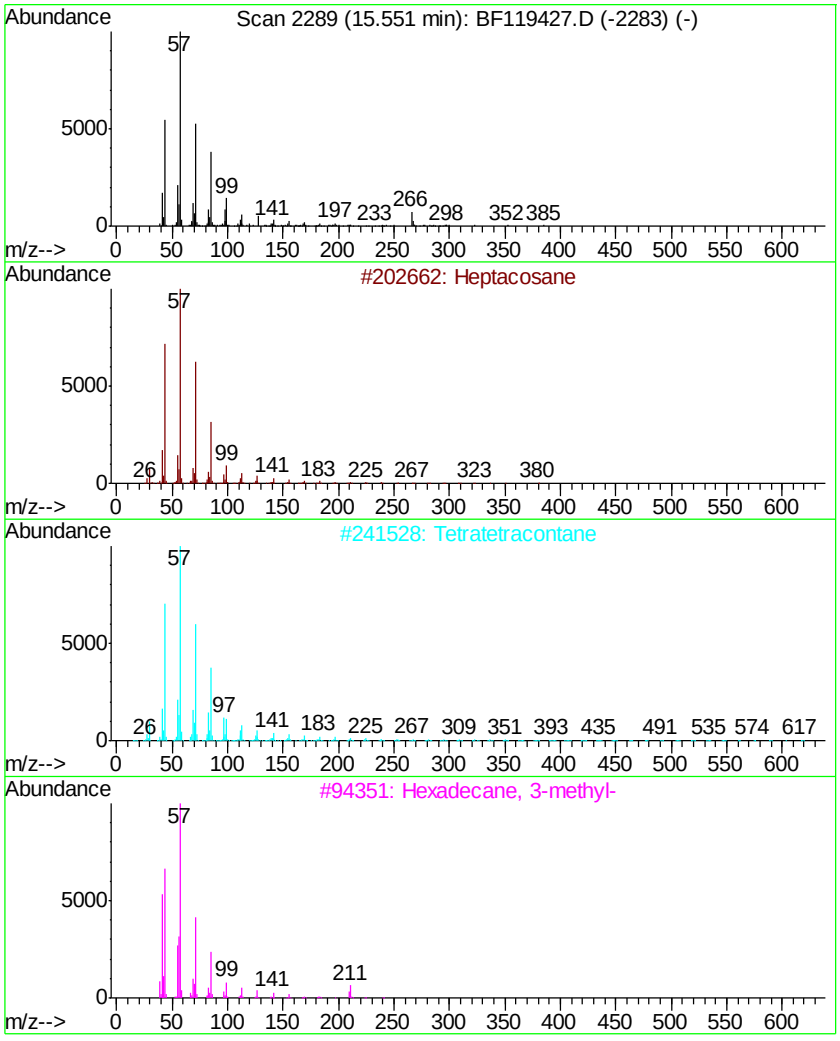
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

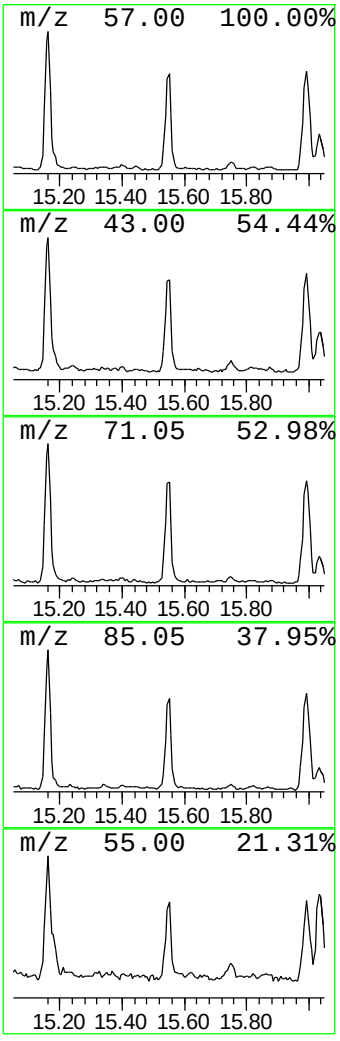
****

Peak Number 16 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.42 ng	603845	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

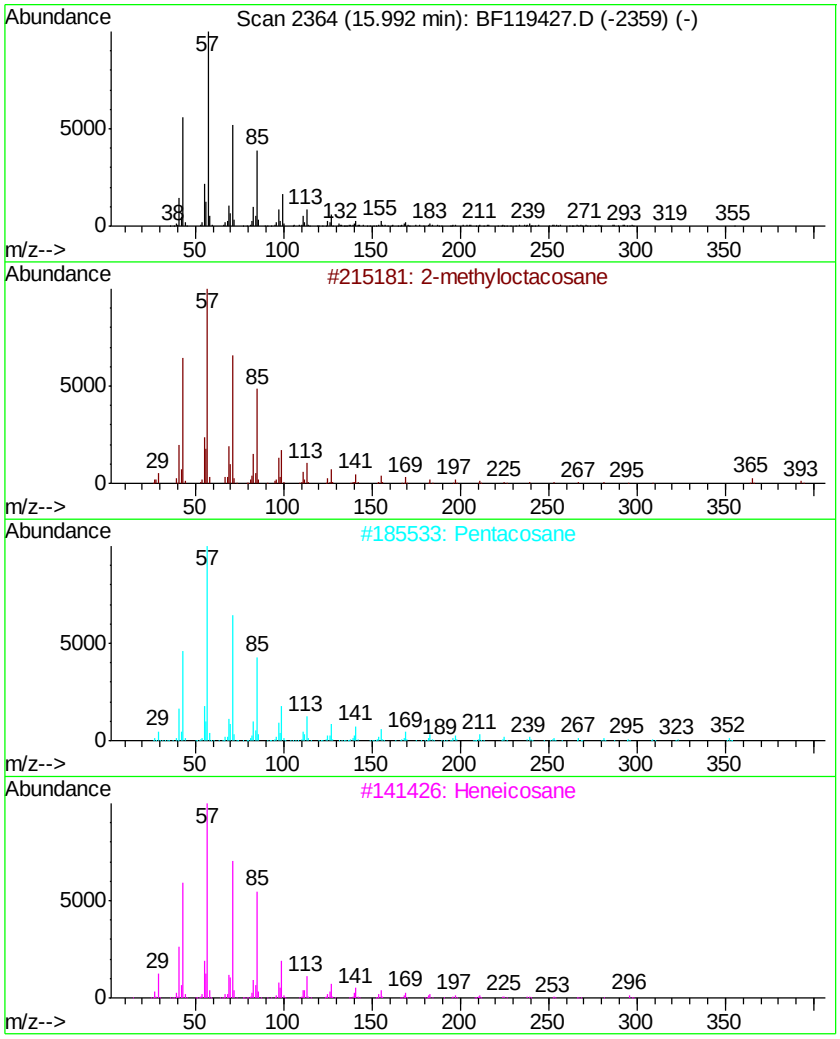
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

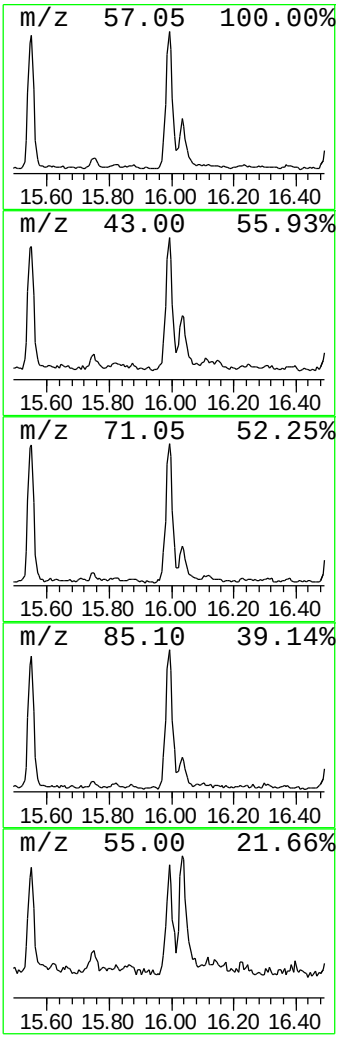
****

Peak Number 17 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.58 ng	618092	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane	226	C16H34	000544-76-3	81
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

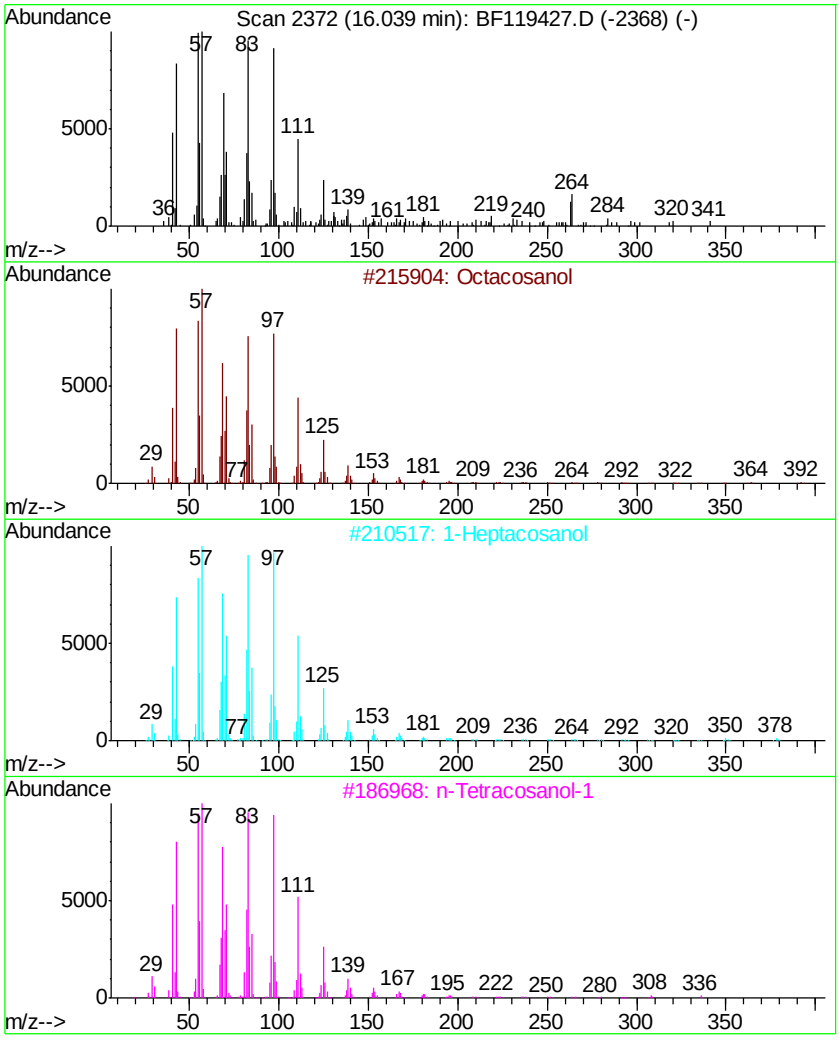
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

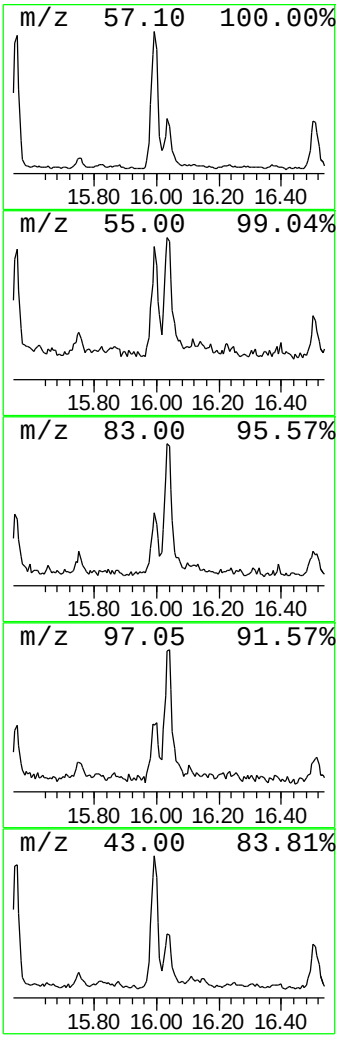
****

Peak Number 18 Octacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.81 ng	452230	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	Octacosyl acetate	452	C30H60O2	018206-97-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

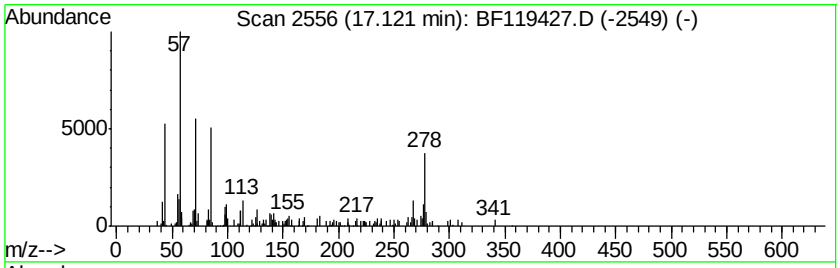
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

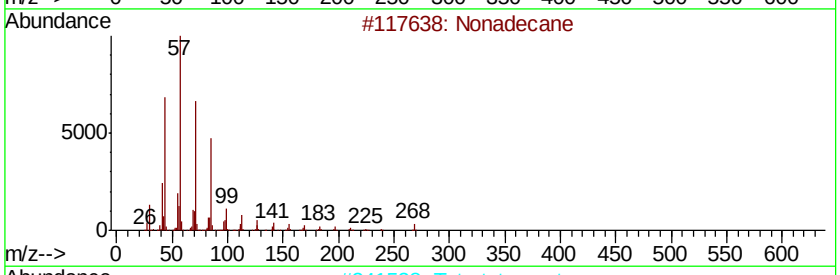
****

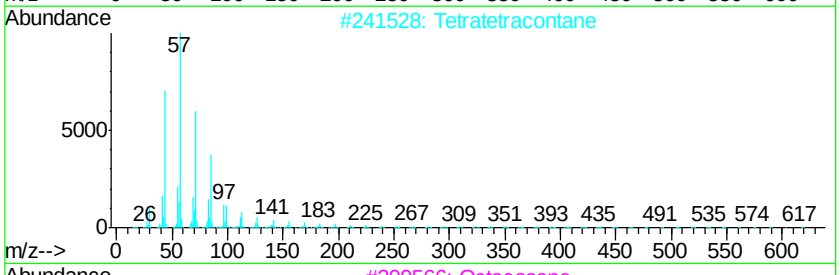
Peak Number 19 Nonadecane Concentration Rank 14

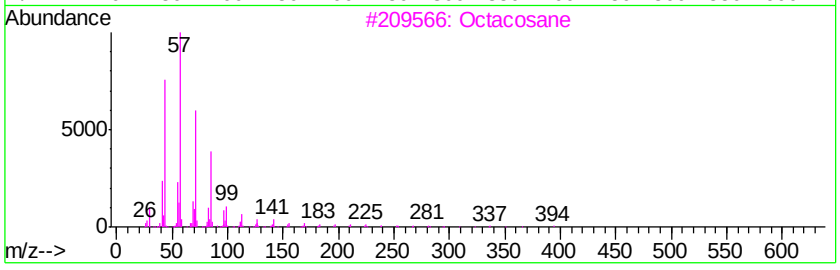
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.52 ng	330667	Perylene-d12	15.50

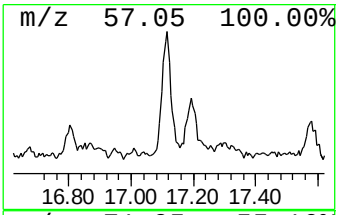
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetratetracontane	619	C44H90	007098-22-8	81
3	Octacosane	394	C28H58	000630-02-4	74
4	Heptacosane	380	C27H56	000593-49-7	70
5	Tetracosane	338	C24H50	000646-31-1	70

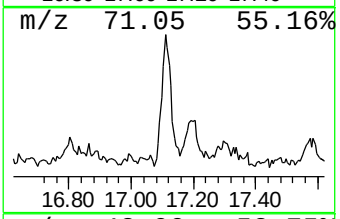


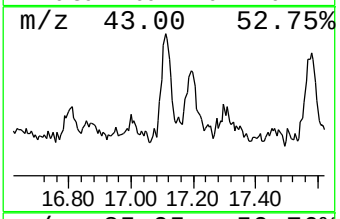


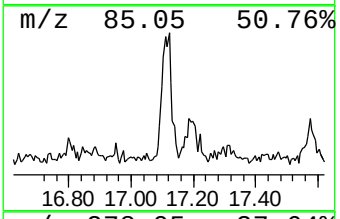


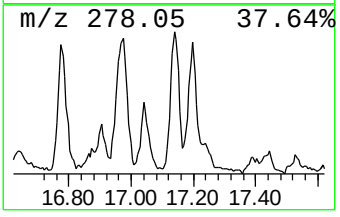












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

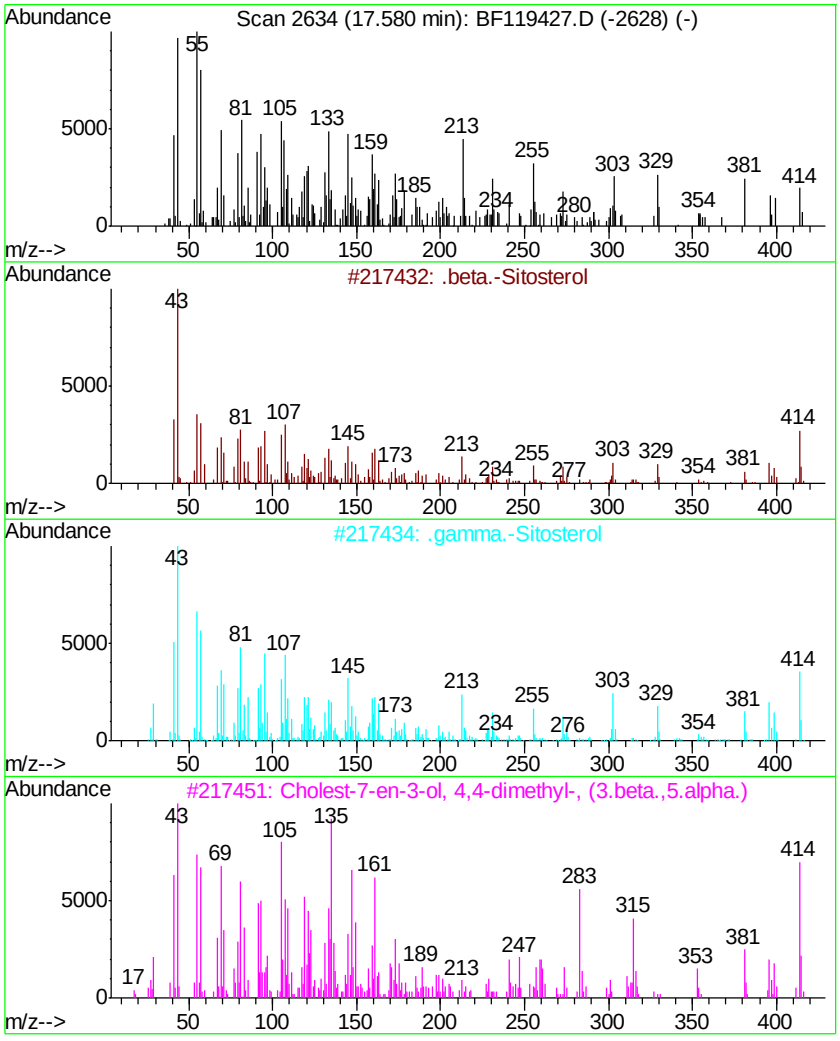
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

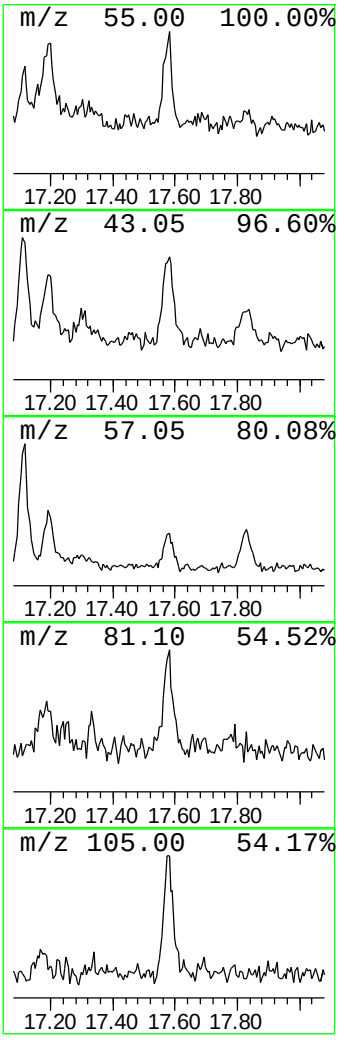
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	3.38 ng	317830	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
3	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	11
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	10
5	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119427.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1949-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-204

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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	3.7	ng	409322	1	6.85	2202900	20.0
Longifolene	9.54	3.3	ng	503742	3	9.90	3092270	20.0
Spiro[4.5]dec-7-e...	9.73	2.9	ng	450606	3	9.90	3092270	20.0
Epicedrol	10.57	2.6	ng	403138	3	9.90	3092270	20.0
n-Hexadecanoic acid	11.92	10.6	ng	1531460	4	11.39	2900720	20.0
4H-Cyclopenta[def...	12.00	2.4	ng	341169	4	11.39	2900720	20.0
Octadecanoic acid	12.70	4.6	ng	669270	4	11.39	2900720	20.0
2-Phenanthrenol, ...	13.41	7.3	ng	1015290	5	14.03	2802590	20.0
4,4'-Bis(tetrahyd...	13.43	2.7	ng	376213	5	14.03	2802590	20.0
Pentafluoropropio...	13.87	10.0	ng	1395440	5	14.03	2802590	20.0
Heptadecane	14.50	4.0	ng	558285	5	14.03	2802590	20.0
Octacosane	14.82	5.2	ng	492938	6	15.50	1879830	20.0
Eicosane, 2-methyl-	15.16	9.1	ng	859288	6	15.50	1879830	20.0
Benzo[e]pyrene	15.37	3.8	ng	352930	6	15.50	1879830	20.0
Tetratetracontane	15.55	6.4	ng	603845	6	15.50	1879830	20.0
2-methyloctacosane	15.99	6.6	ng	618092	6	15.50	1879830	20.0
Octacosanol	16.04	4.8	ng	452230	6	15.50	1879830	20.0
Nonadecane	17.12	3.5	ng	330667	6	15.50	1879830	20.0
.beta.-Sitosterol	17.58	3.4	ng	317830	6	15.50	1879830	20.0