LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

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-BF052820.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	1.963	10	13	29	rVV	839660	1256063	27.65%	2.661%
2	2.087	29	34	49	rVB	1012022	1290857	28.42%	2.735%
3	5.463	603	608	611	rBV	4006464	3871327	85.23%	8.203%
4	6.475	775	780	783	rBV	3579750	3943967	86.83%	8.356%
5	6.669	810	813	818	rBV2	70911	80206	1.77%	0.170%
6	6.839	839	842	846	rBV	1505676	1349683	29.72%	2.860%
7	6.998	865	869	872	rBV	4044279	3521161	77.52%	7.461%
8	7.404	933	938	941	rBV	3005705	2631817	57.94%	5.576%
9	8.122	1056	1060	1063	rBV	1894059	1622767	35.73%	3.438%
10	9.198	1239	1243	1247	rBV	4898048	4542014	100.00%	9.624%
11	9.592	1307	1310	1313	rBV	949781	690438	15.20%	1.463%
12	9.739	1331	1335	1339	rBV	100274	79239	1.74%	0.168%
13	9.880	1355	1359	1362	rVB	1898205	1573584	34.65%	3.334%
14	10.080	1388	1393	1398	rBV	63197	65109	1.43%	0.138%
15	10.669	1488	1493	1496	rBV	2420125	2298773	50.61%	4.871%
16	10.786	1510	1513	1517	rBV3	37642	47101	1.04%	0.100%
17	11.227	1582	1588	1591	rBV5	32061	61911	1.36%	0.131%
18	11.310	1599	1602	1606	rBV3	57754	67426	1.48%	0.143%
19	11.363	1606	1611	1613	rVV	1665220	1435237	31.60%	3.041%
20	11.386	1613	1615	1618	rVV	558166	422380	9.30%	0.895%
21	11.439	1622	1624	1627	rVB	159658	114295	2.52%	0.242%
22	11.592	1645	1650	1653	rBV	55335	73766	1.62%	0.156%
23	11.821	1685	1689	1692	rBV3	105416	143327	3.16%	0.304%
24	11.863	1692	1696	1699	rVV2	163030	222727	4.90%	0.472%
25	11.892	1699	1701	1705	rVB	286071	229208	5.05%	0.486%
26	11.974	1712	1715	1718	rBV	147647	167908	3.70%	0.356%
27	11.998	1718	1719	1724	rVB	79154	52407	1.15%	0.111%
28	12.163	1744	1747	1749	rBV	61162	62691	1.38%	0.133%
29	12.180	1749	1750	1754	rVB2	63358	49053	1.08%	0.104%
30	12.415	1787	1790	1793	rBV	83821	96586	2.13%	0.205%
31	12.498	1801	1804	1810	rVB2	76730	78996	1.74%	0.167%
32	12.574	1812	1817	1821	rVB	1179316	1060006	23.34%	2.246%
33	12.727	1841	1843	1849	rBV2	35514	53305	1.17%	0.113%
34	12.804	1850	1856	1862	rVV	1102508	1188814	26.17%	2.519%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.851	1862	1864	1869	rVB2	42087	66034	1.45%	0.140%
36	12.951	1877	1881	1884	rVB	4144319	3721896	81.94%	7.886%
37	13.027	1889	1894	1897	rBV2	94121	163494	3.60%	0.346%
38	13.110	1906	1908	1910	rBV2	49451	62880	1.38%	0.133%
39	13.133	1910	1912	1915	rVB	166363	145247	3.20%	0.308%
40	13.198	1921	1923	1926	rVB	81191	59238	1.30%	0.126%
41	13.239	1927	1930	1932	rVB2	117214	105859	2.33%	0.224%
42	13.327	1943	1945	1948	rBV	72361	63508	1.40%	0.135%
43	13.362	1948	1951	1955	rVB	84324	87417	1.92%	0.185%
44	13.639	1995	1998	2003	rBV	152969	148005	3.26%	0.314%
45	13.780	2020	2022	2024	rVB	94500	64787	1.43%	0.137%
46	13.804	2024	2026	2027	rBV	90460	63151	1.39%	0.134%
47	13.857	2031	2035	2041	rVB2	508304	656851	14.46%	1.392%
48	14.004	2055	2060	2063	rBV2	1573934	1978521	43.56%	4.192%
49	14.027	2063	2064	2071	rVB	619871	475258	10.46%	1.007%
50	14.109	2076	2078	2081	rBV	116436	93834	2.07%	0.199%
51	14.474	2138	2140	2142	rBV	170392	158864	3.50%	0.337%
52	15.039	2232	2236	2243	rBV	535050	974480	21.45%	2.065%
53	15.115	2246	2249	2252	rBV	281322	308679	6.80%	0.654%
54	15.339	2284	2287	2292	rVB	330108	401327	8.84%	0.850%
55	15.398	2294	2297	2303	rVB	414618	471514	10.38%	0.999%
56	15.462	2304	2308	2311	rBV	880822	1092732	24.06%	2.315%
57	15.933	2385	2388	2393	rVB	247875	317573	6.99%	0.673%
58	17.097	2581	2586	2592	rBV2	522309	1071317	23.59%	2.270%

Sum of corrected areas: 47196615

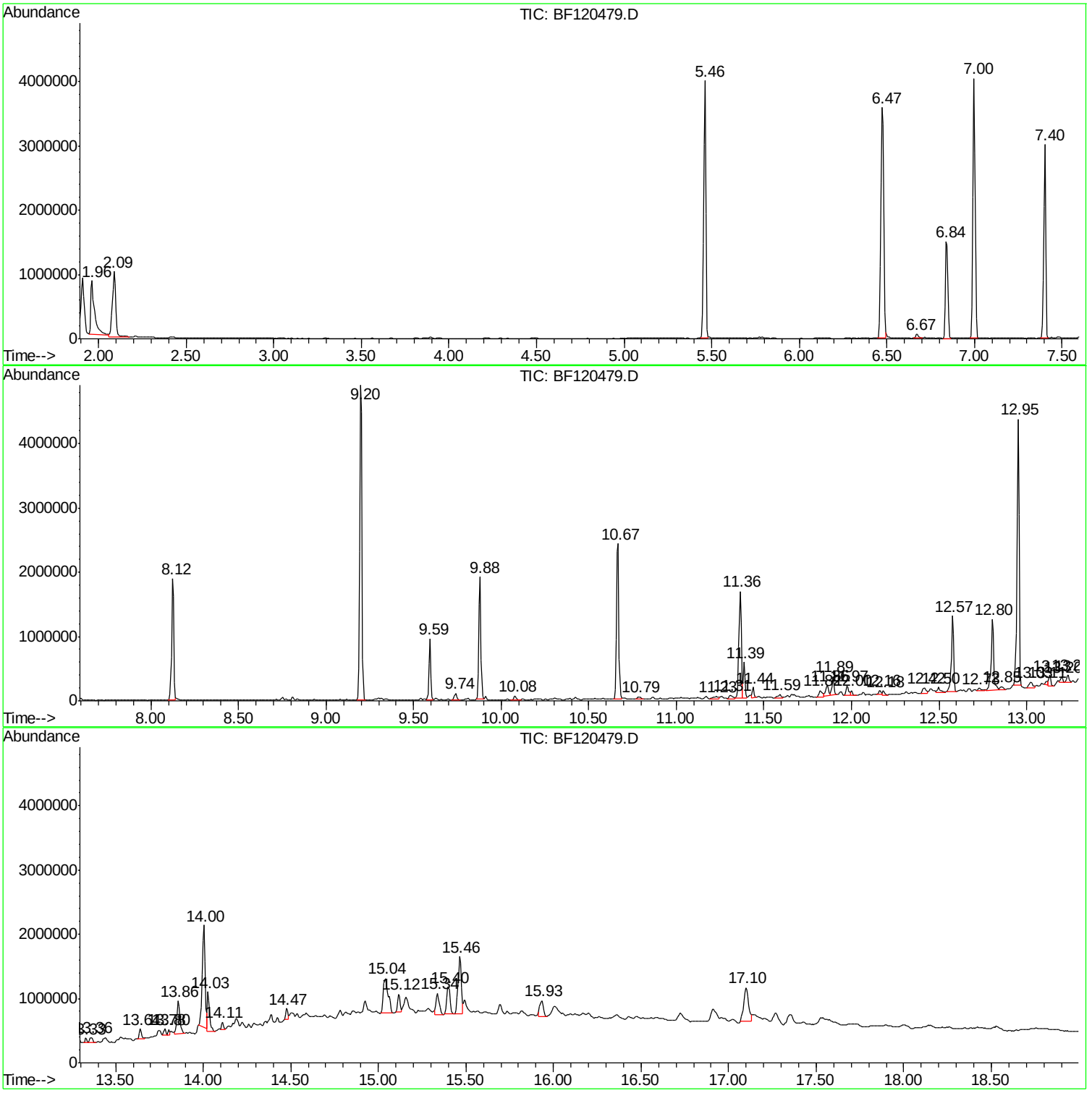
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

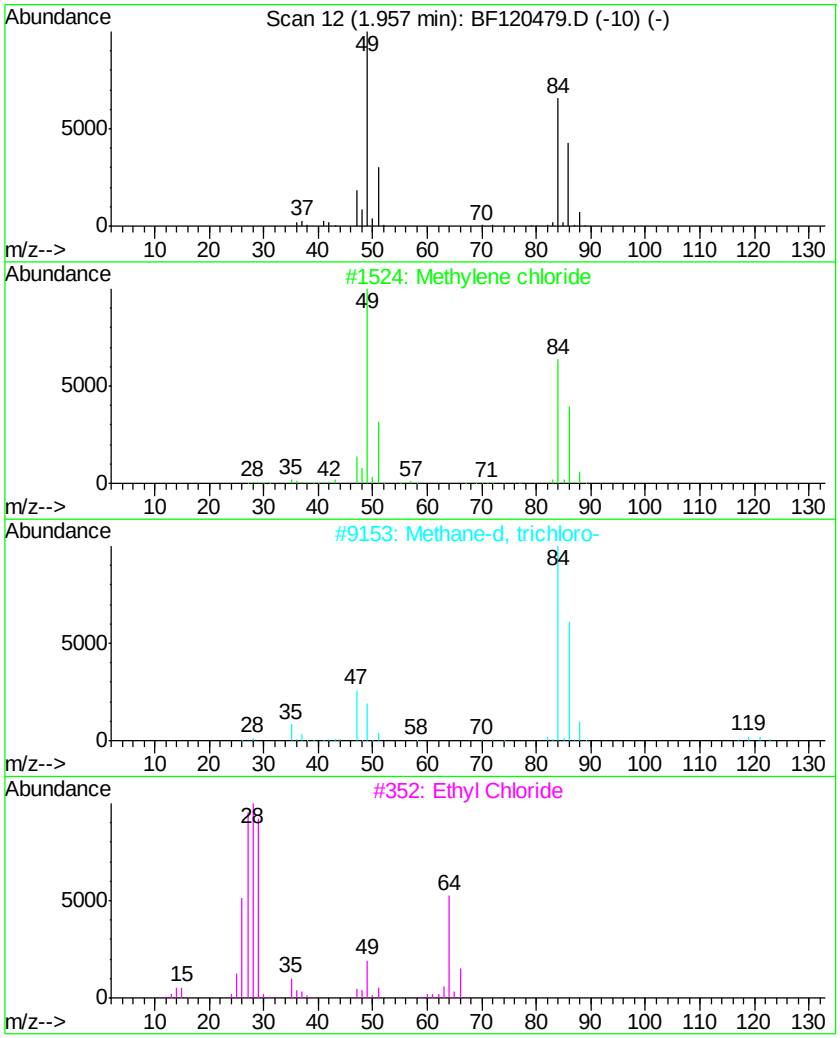
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

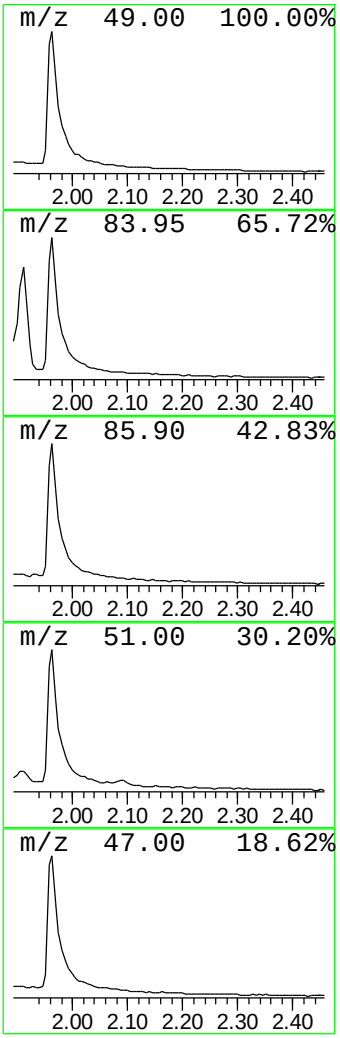
****

Peak Number 1 Methylene chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	18.61 ng	1256060	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	Boron trifluoride	68	BF3	007637-07-2	1





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

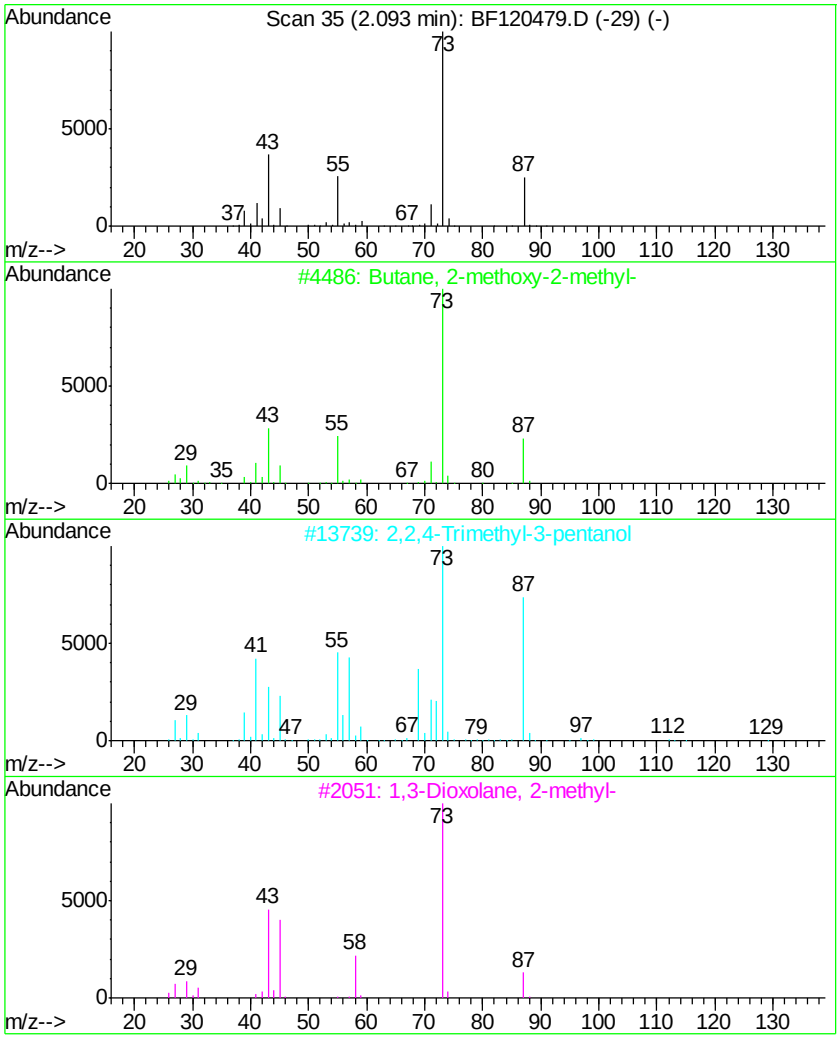
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

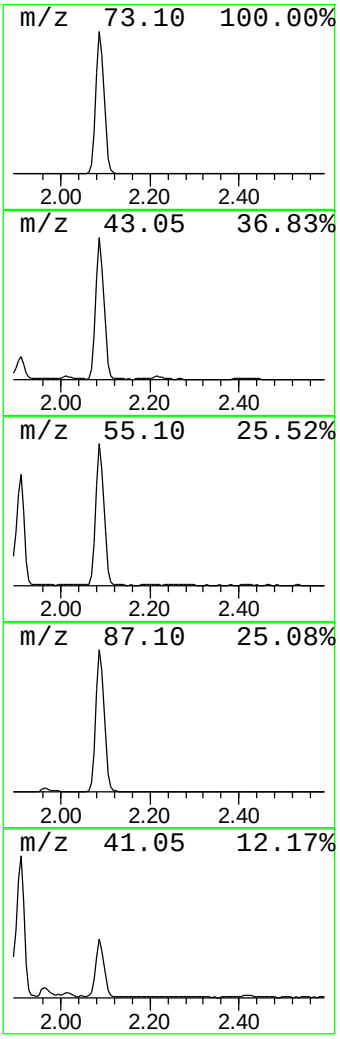
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	19.13 ng	1290860	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

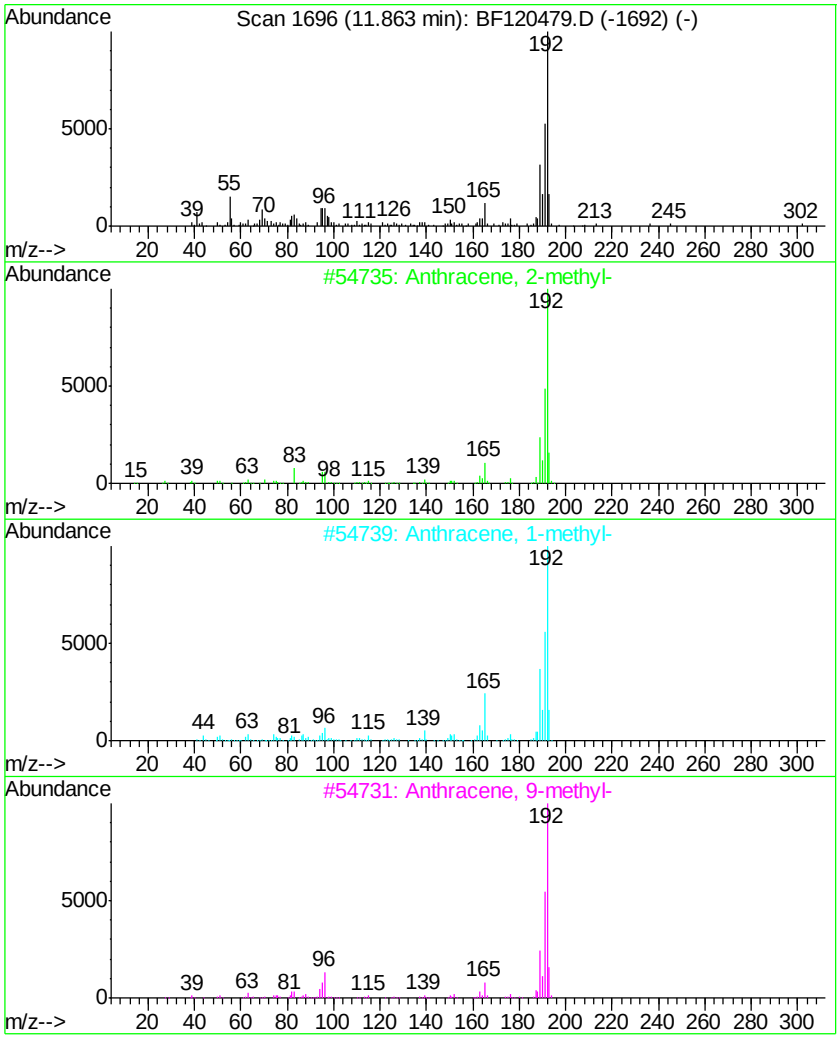
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

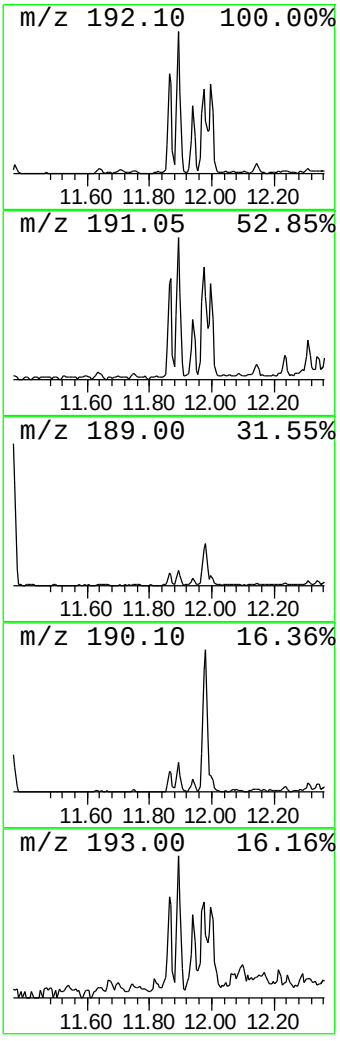
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.10 ng	222727	Phenanthrene-d10	11.36

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

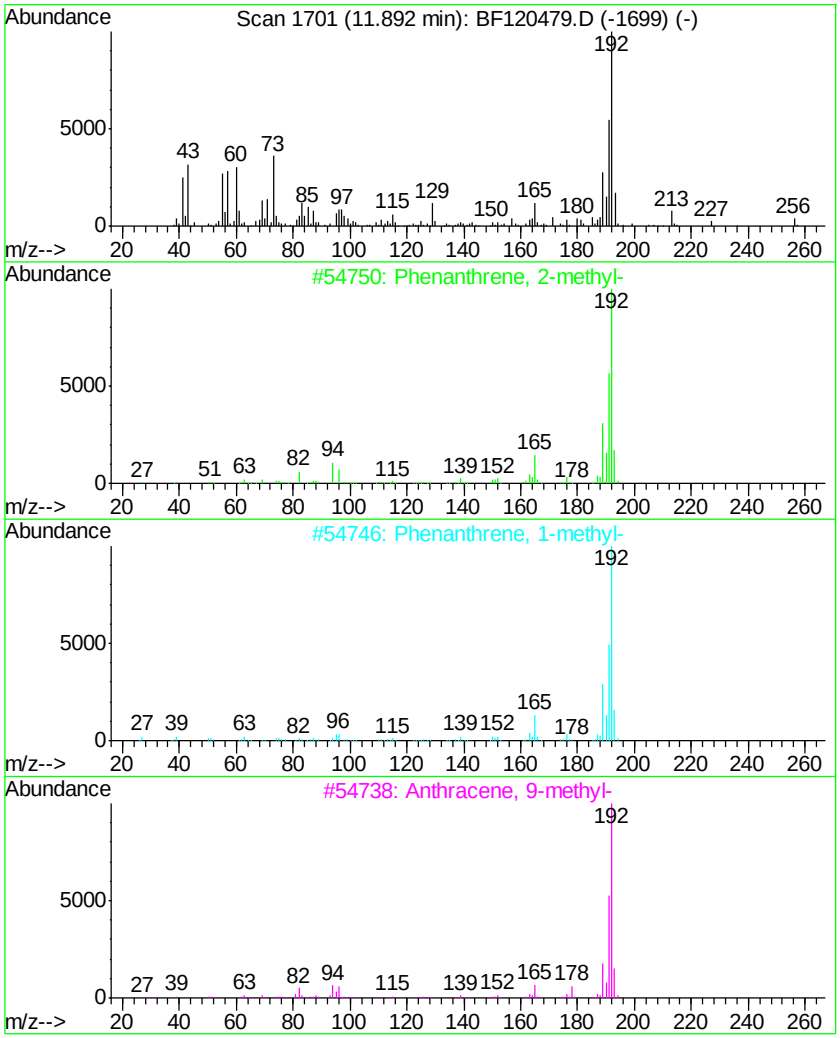
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

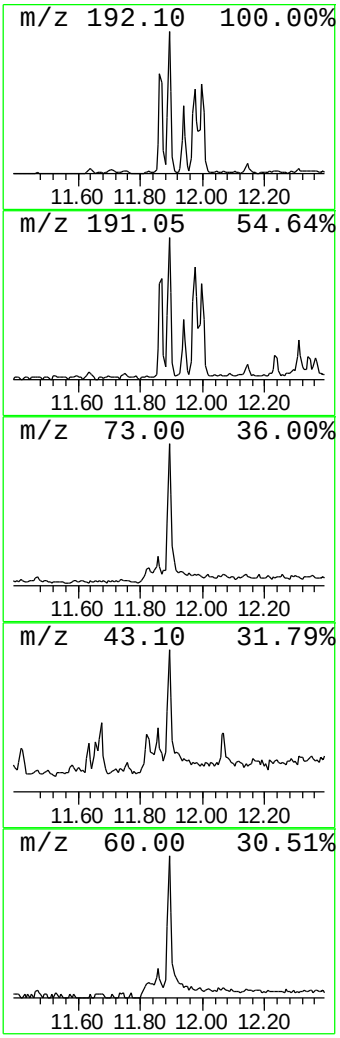
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.19 ng	229208	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

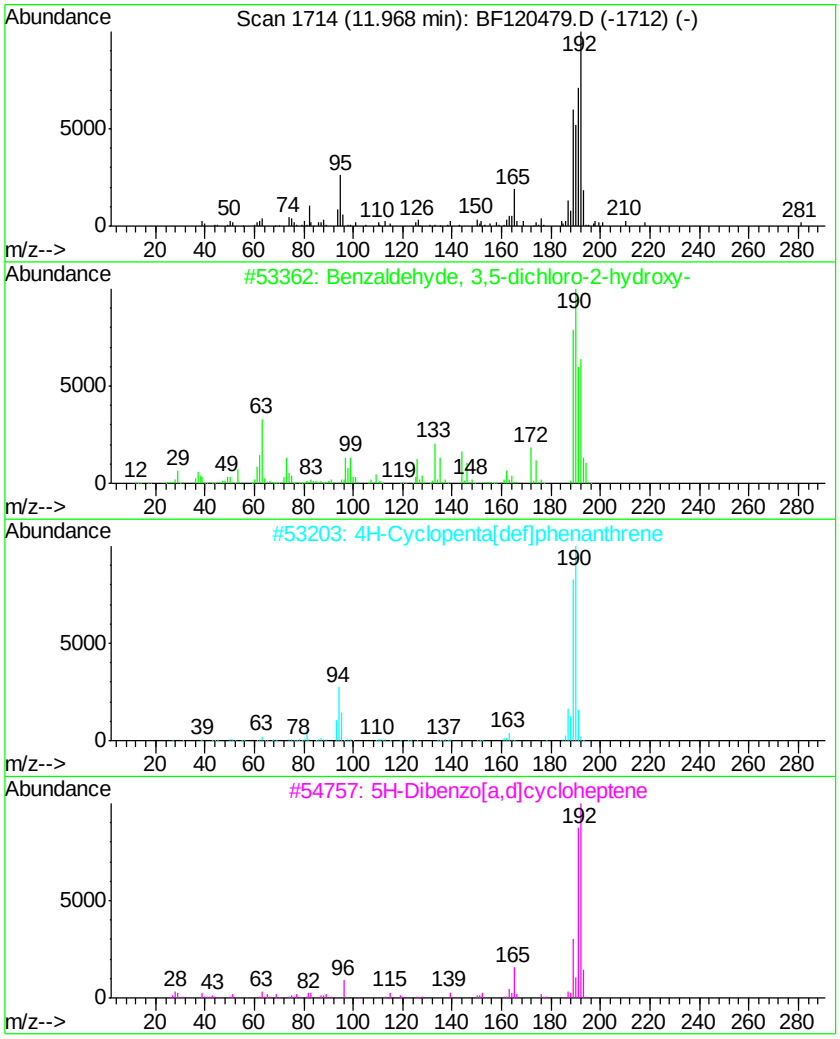
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

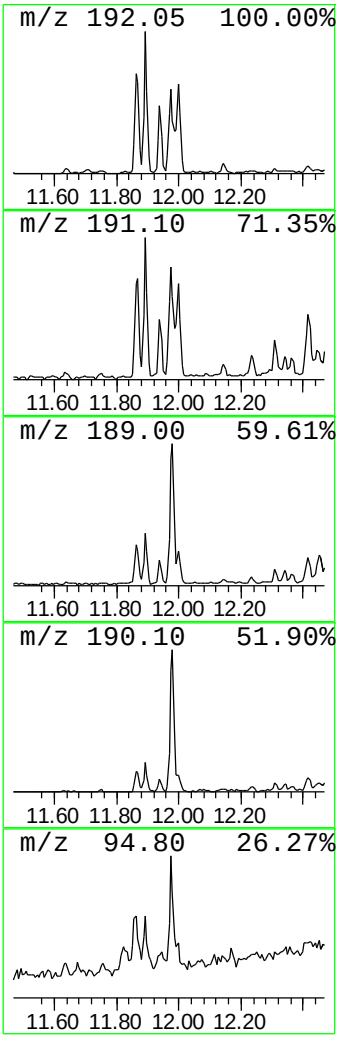
****

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.34 ng	167908	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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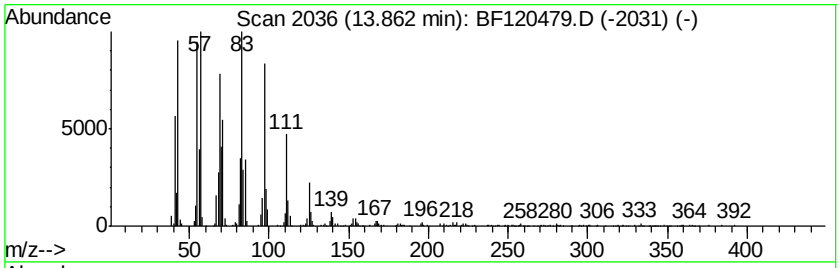
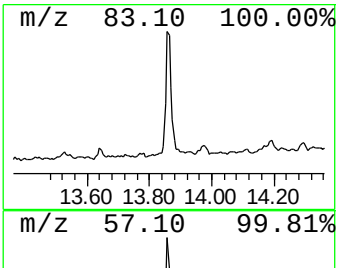
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.64 ng	656851	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	92
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

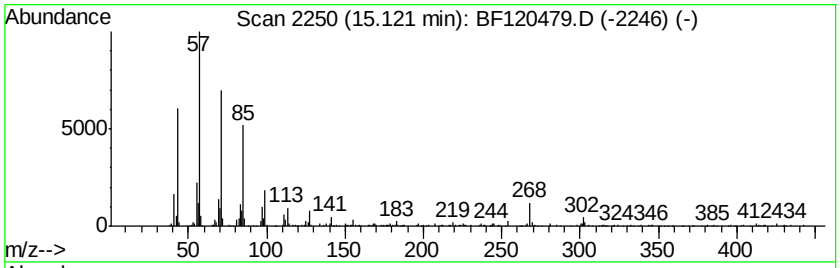
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

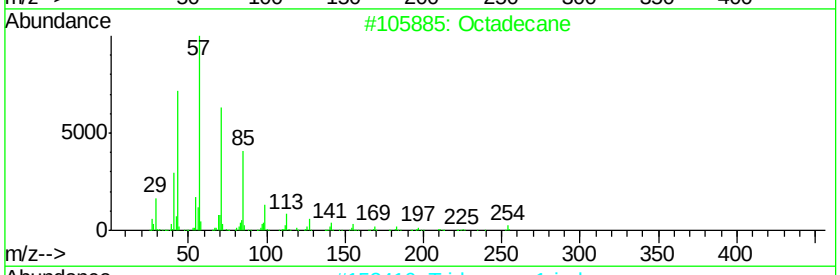
****

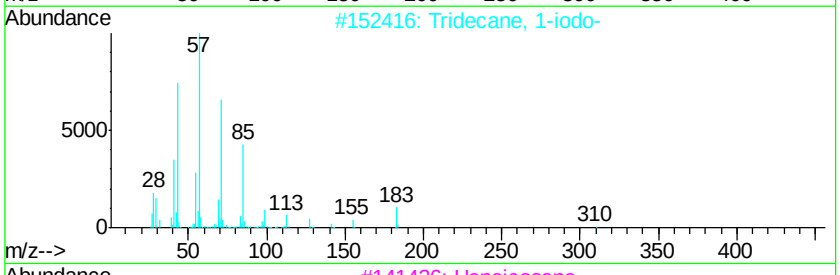
Peak Number 8 Octadecane Concentration Rank 8

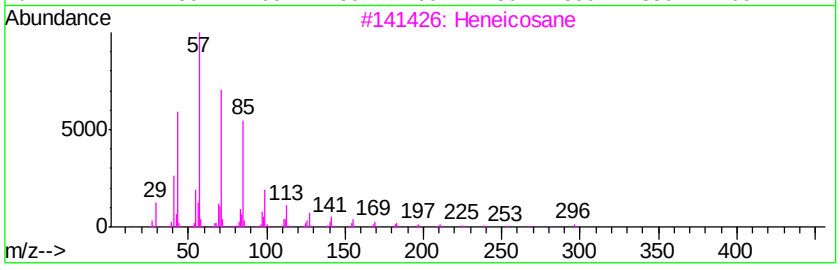
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	5.65 ng	308679	Perylene-d12	15.46

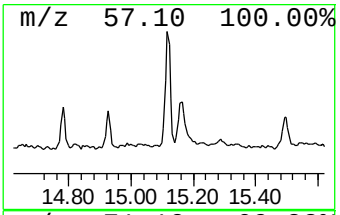
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Nonacosane	408	C29H60	000630-03-5	87

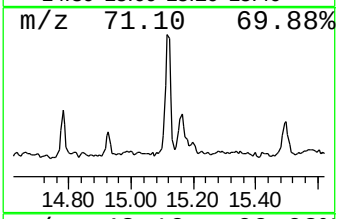


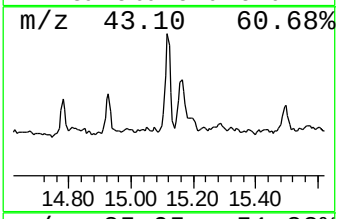


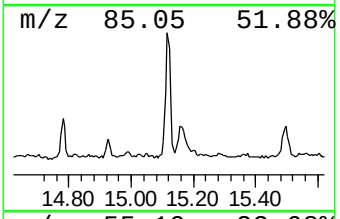


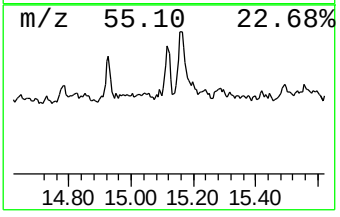












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

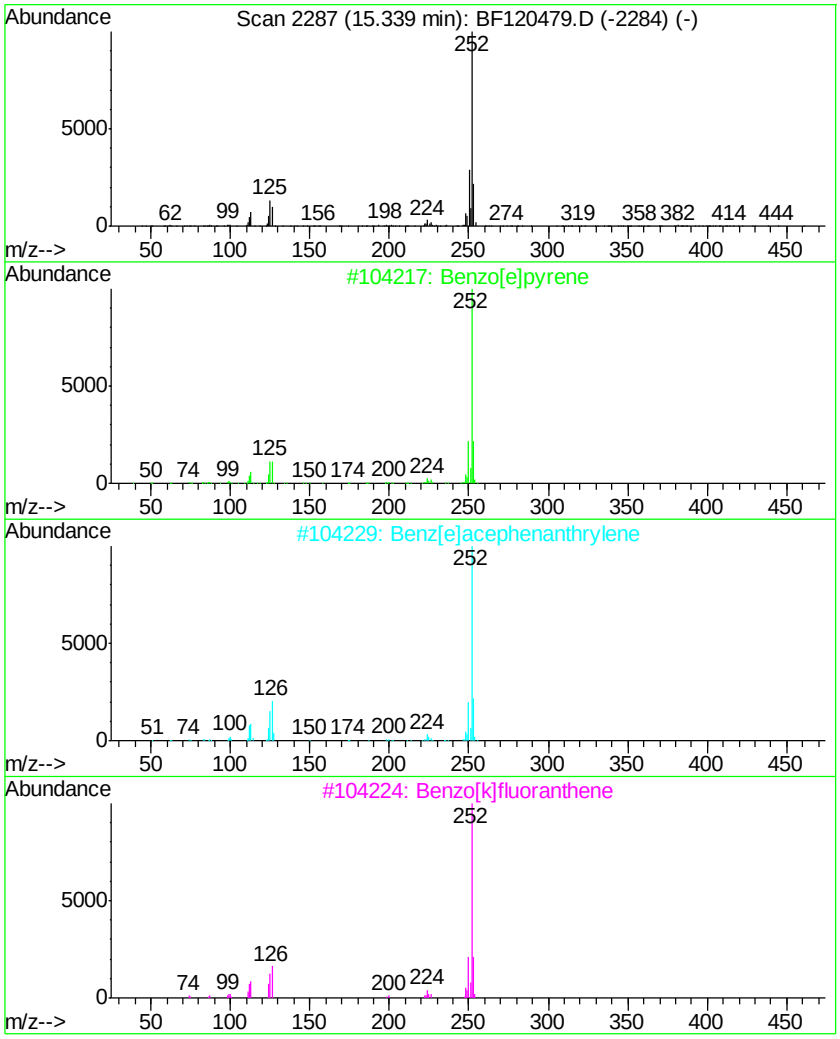
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

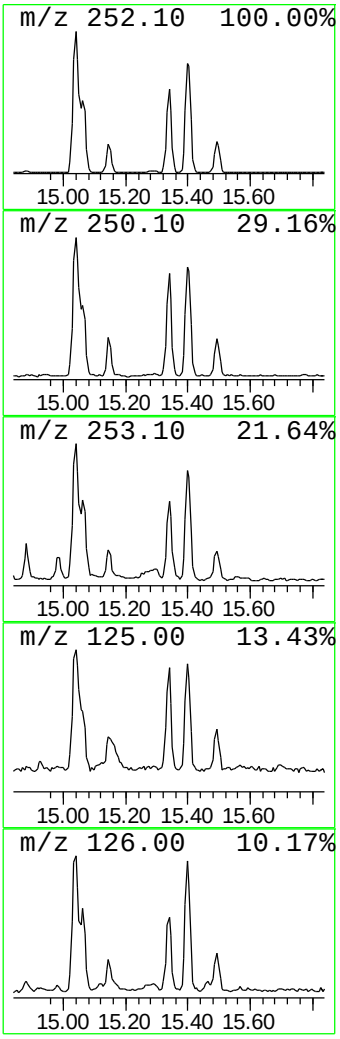
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.35 ng	401327	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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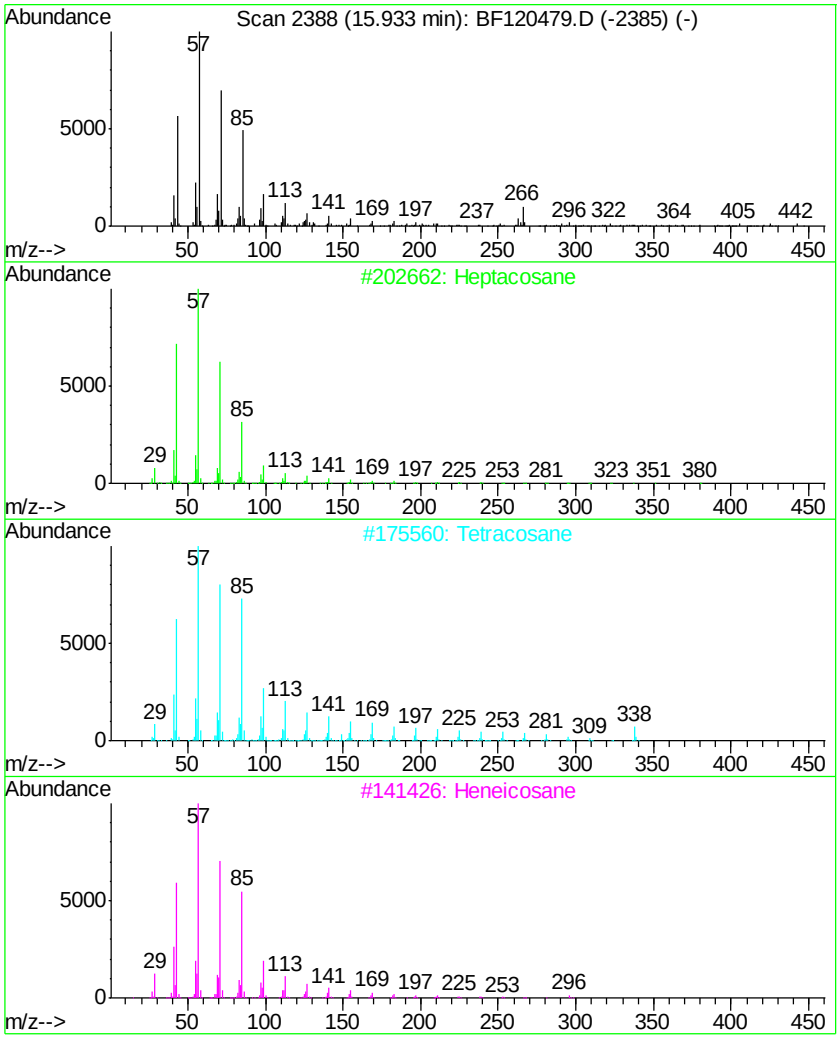
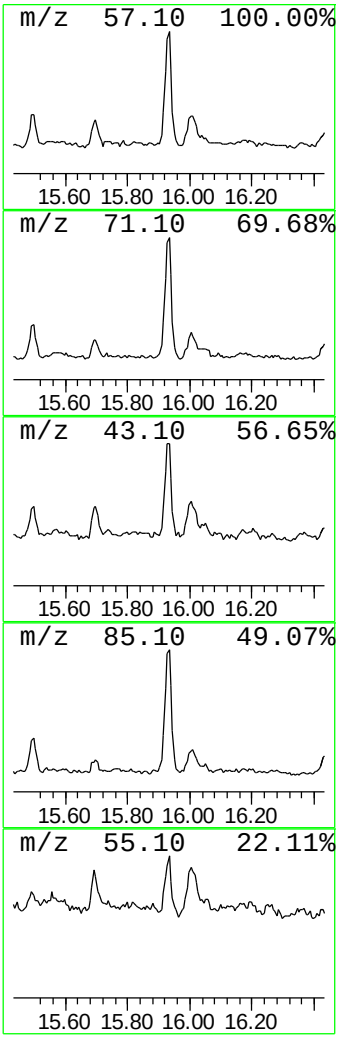
Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	5.81 ng	317573	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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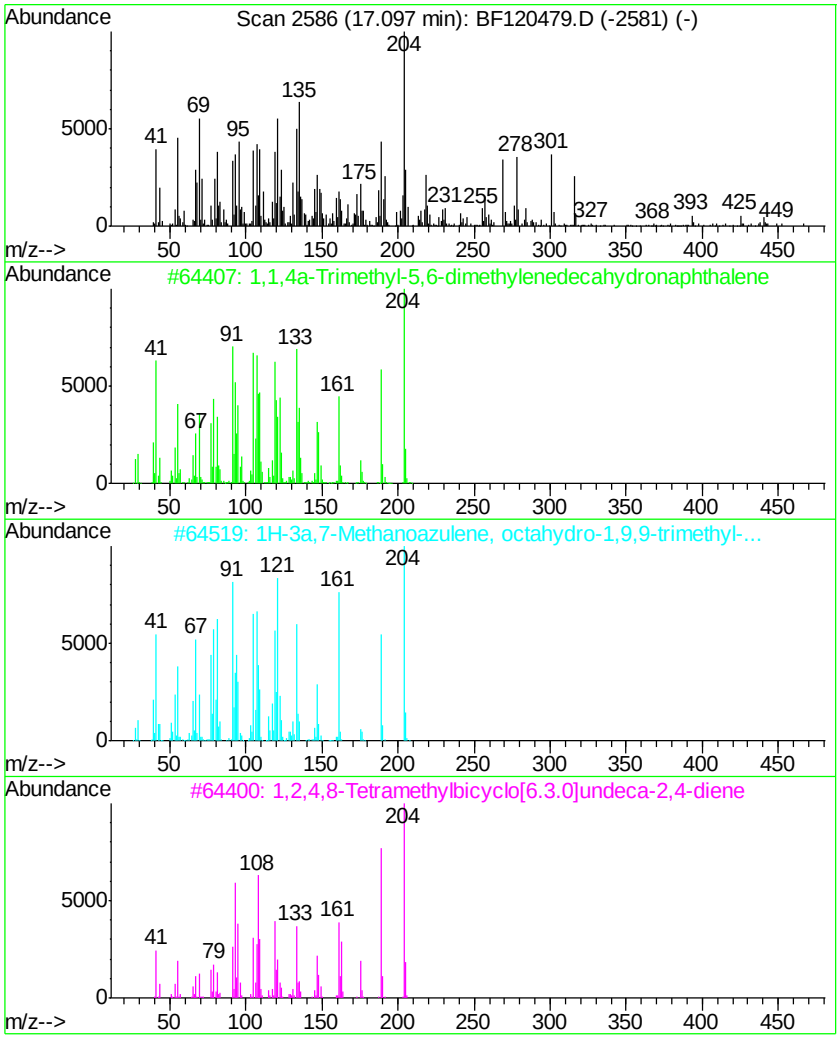
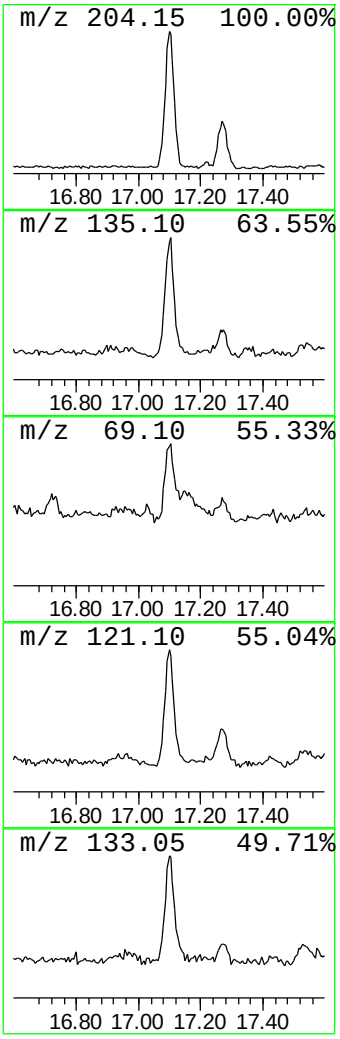
Peak Number 11 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	19.61 ng	1071320	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	89
2	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	83
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	53
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120479.D
Acq On : 1 Jun 2020 18:55
Operator : JU/CG
Sample : L2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.96	18.6	ng	1256060	1	6.85	1349680	20.0
Butane, 2-methoxy...	2.09	19.1	ng	1290860	1	6.85	1349680	20.0
Anthracene, 2-met...	11.86	3.1	ng	222727	4	11.36	1435240	20.0
Phenanthrene, 2-m...	11.89	3.2	ng	229208	4	11.36	1435240	20.0
Benzaldehyde, 3,5...	11.97	2.3	ng	167908	4	11.36	1435240	20.0
Heptadecyl heptaf...	13.86	6.6	ng	656851	5	14.00	1978520	20.0
Octadecane	15.12	5.7	ng	308679	6	15.46	1092730	20.0
Benzo[e]pyrene	15.34	7.3	ng	401327	6	15.46	1092730	20.0
Heptacosane	15.93	5.8	ng	317573	6	15.46	1092730	20.0
1,1,4a-Trimethyl-...	17.10	19.6	ng	1071320	6	15.46	1092730	20.0