LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	491	494	503	rVB	30132	42957	1.95%	0.248%
2	5.498	556	562	573	rBV	1600027	2107378	95.88%	12.155%
3	6.128	664	669	675	rBV2	25396	41666	1.90%	0.240%
4	6.416	713	718	727	rBV5	15493	37474	1.70%	0.216%
5	6.504	727	733	749	rBV	1591227	2197989	100.00%	12.677%
6	6.787	776	781	788	rBV3	11774	25028	1.14%	0.144%
7	6.881	792	797	803	rVB	578155	726170	33.04%	4.188%
8	7.028	818	822	825	rVB2	18096	23615	1.07%	0.136%
9	7.151	838	843	847	rVB4	19332	30522	1.39%	0.176%
10	7.440	881	892	902	rBV	946001	1277938	58.14%	7.371%
11	7.522	902	906	910	rVV4	20117	36115	1.64%	0.208%
12	7.692	931	935	942	rVB2	28335	48598	2.21%	0.280%
13	7.781	943	950	952	rVV3	18875	36243	1.65%	0.209%
14	7.804	952	954	957	rVB3	22600	22324	1.02%	0.129%
15	7.916	969	973	981	rBV8	9999	23364	1.06%	0.135%
16	8.110	1001	1006	1009	rVV4	18575	41147	1.87%	0.237%
17	8.163	1010	1015	1021	rVV	679605	914174	41.59%	5.273%
18	8.222	1021	1025	1028	rVV	73516	107068	4.87%	0.618%
19	8.251	1028	1030	1037	rVB7	20223	37488	1.71%	0.216%
20	8.369	1047	1050	1057	rVB5	22671	41856	1.90%	0.241%
21	8.451	1058	1064	1070	rBV6	37409	66633	3.03%	0.384%
22	8.581	1082	1086	1097	rVB	82050	161895	7.37%	0.934%
23	8.704	1103	1107	1112	rBV4	21855	39004	1.77%	0.225%
24	8.845	1128	1131	1135	rVB2	31583	37789	1.72%	0.218%
25	9.039	1161	1164	1166	rBV3	22233	30401	1.38%	0.175%
26	9.157	1180	1184	1185	rBV4	25494	29662	1.35%	0.171%
27	9.181	1185	1188	1192	rVB	89410	107406	4.89%	0.619%
28	9.239	1193	1198	1203	rBV	1284628	1637702	74.51%	9.446%
29	9.322	1208	1212	1216	rBV2	39640	58352	2.65%	0.337%
30	9.633	1261	1265	1273	rVB3	116495	171421	7.80%	0.989%
31	9.786	1287	1291	1294	rBV2	34737	47144	2.14%	0.272%
32	9.828	1295	1298	1302	rVV3	28556	39942	1.82%	0.230%
33	9.922	1309	1314	1318	rVB	625435	782062	35.58%	4.511%
34	10.175	1353	1357	1364	rVB3	33293	56106	2.55%	0.324%
35	10.328	1380	1383	1388	rBV6	23460	37972	1.73%	0.219%
36	10.569	1419	1424	1430	rBV	85459	128980	5.87%	0.744%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.633	1430	1435	1440	rVV	231372	296977	13.51%	1.713%
38	10.710	1443	1448	1459	rVB	760211	999605	45.48%	5.765%
39	10.833	1465	1469	1476	rVB	147179	212590	9.67%	1.226%
40	10.945	1485	1488	1496	rVB2	49428	68357	3.11%	0.394%
41	11.304	1545	1549	1554	rVB	82210	116311	5.29%	0.671%
42	11.410	1562	1567	1575	rBV	545839	771398	35.10%	4.449%
43	11.933	1652	1656	1663	rBV2	134959	208444	9.48%	1.202%
44	12.627	1772	1774	1778	rVB	40606	42060	1.91%	0.243%
45	12.857	1810	1813	1819	rBV	68520	95733	4.36%	0.552%
46	12.998	1832	1837	1845	rVB	1059046	1367399	62.21%	7.887%
47	13.139	1858	1861	1865	rBV	53438	60604	2.76%	0.350%
48	13.910	1989	1992	2001	rVB	96751	178559	8.12%	1.030%
49	14.057	2013	2017	2026	rVB	528368	797646	36.29%	4.601%
50	15.545	2265	2270	2283	rVB	519855	870755	39.62%	5.022%

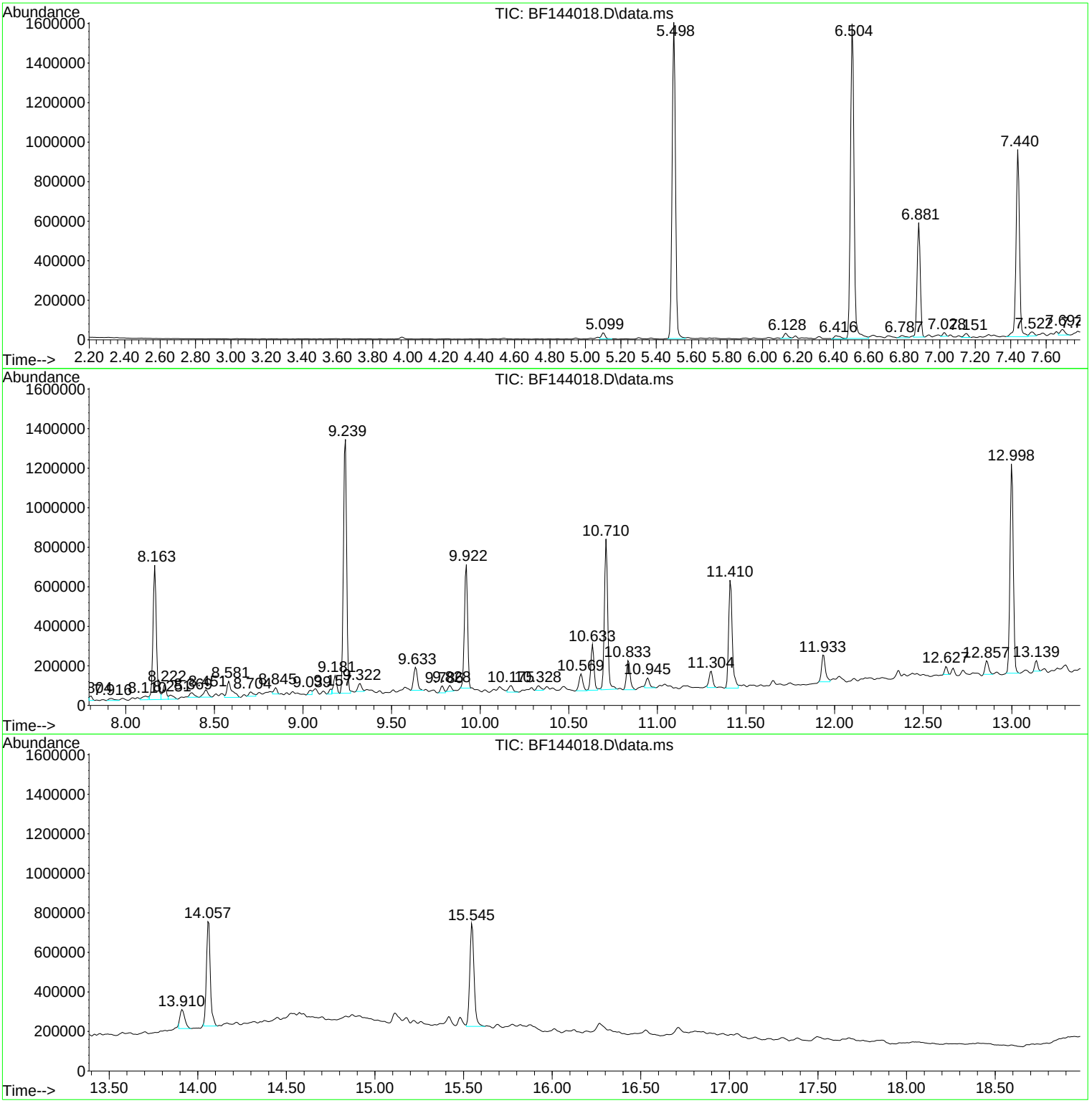
Sum of corrected areas: 17338023

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

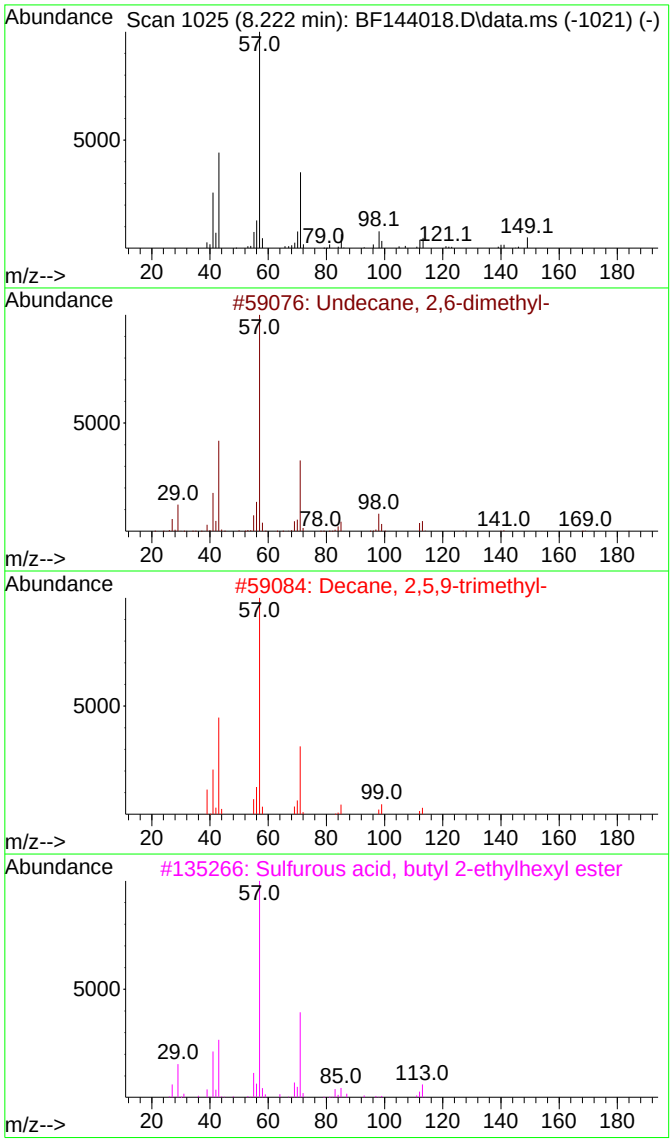
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

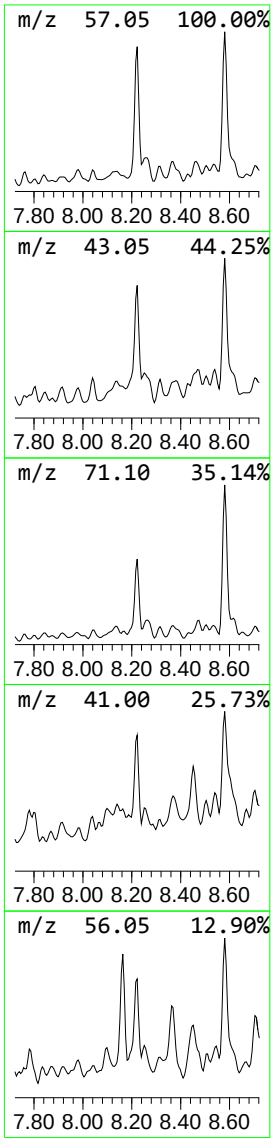
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	2.34 ng	107068	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4	Eicosyl octyl ether	410	C28H58O	1000406-38-8	53
5	Docosyl octyl ether	438	C30H62O	1000406-38-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

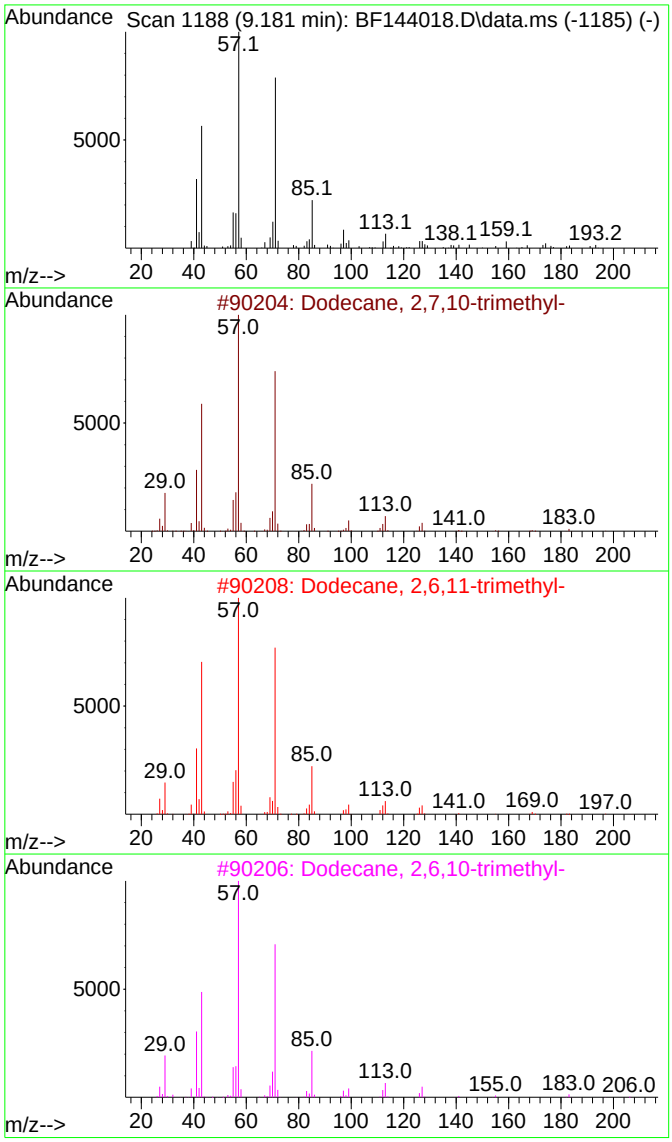
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

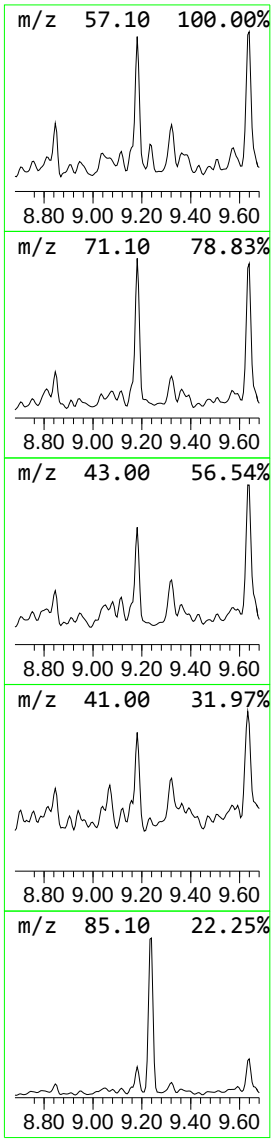
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	2.75 ng	107406	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

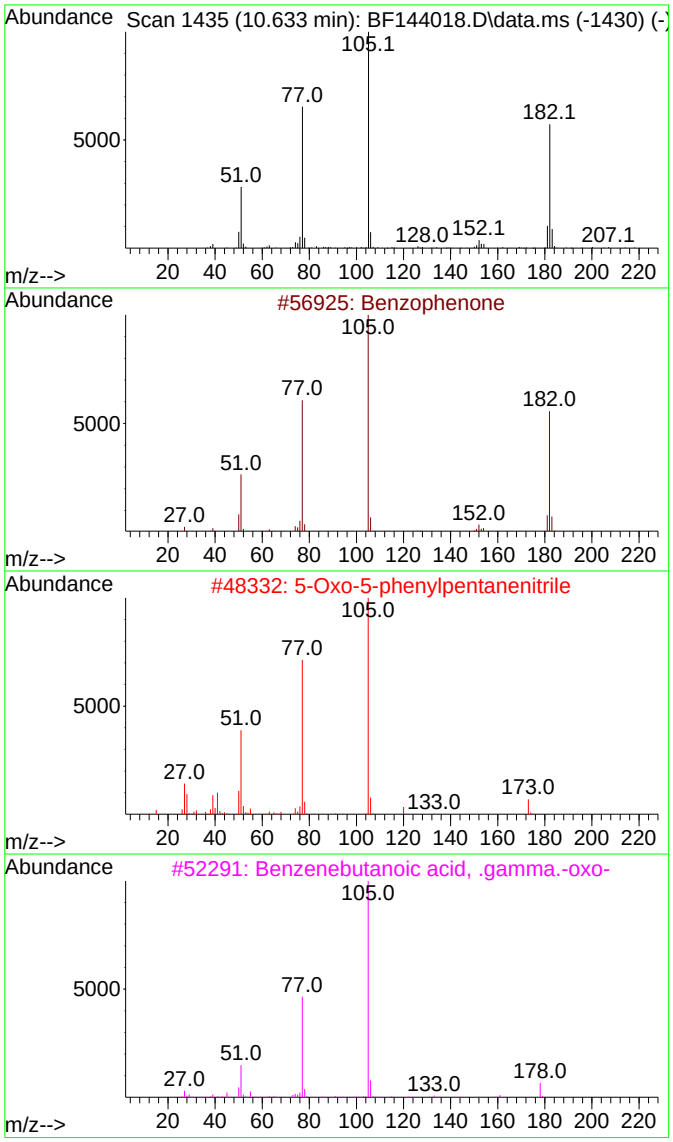
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

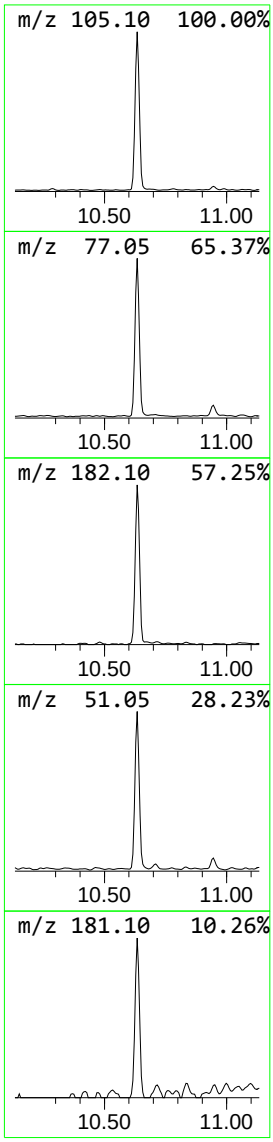
****

Peak Number 6 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.59 ng	296977	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Methyl benzilate	242	C15H14O3	000076-89-1	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

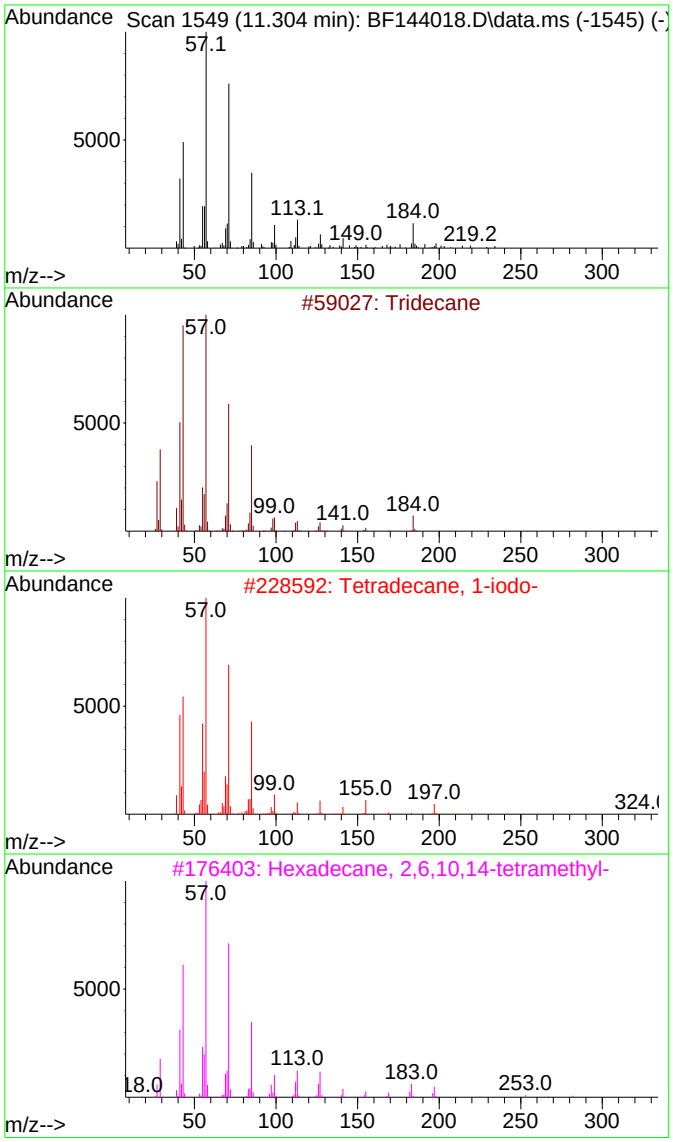
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

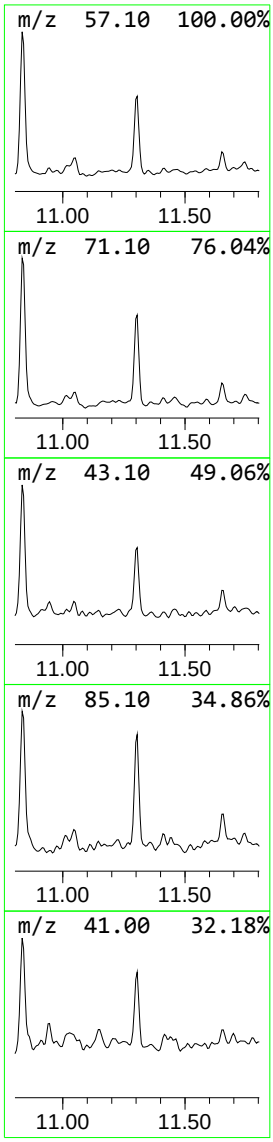
****

Peak Number 8 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.02 ng	116311	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

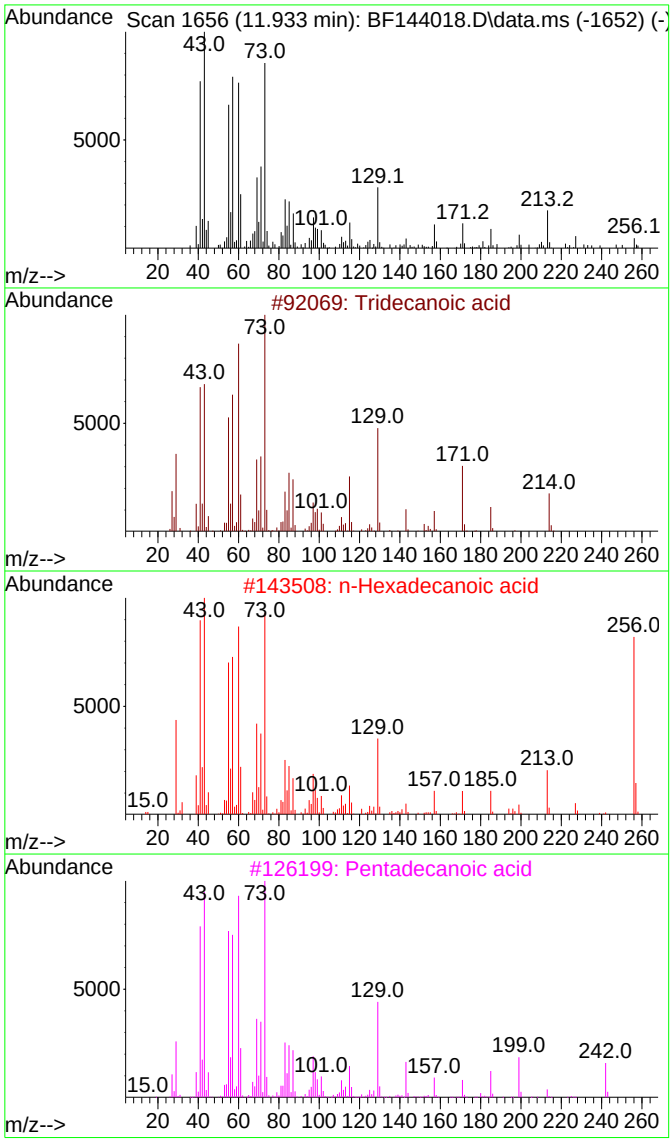
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

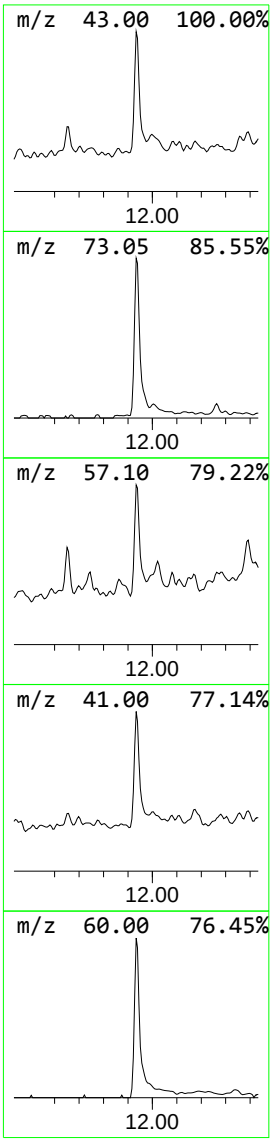
****

Peak Number 9 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.40 ng	208444	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

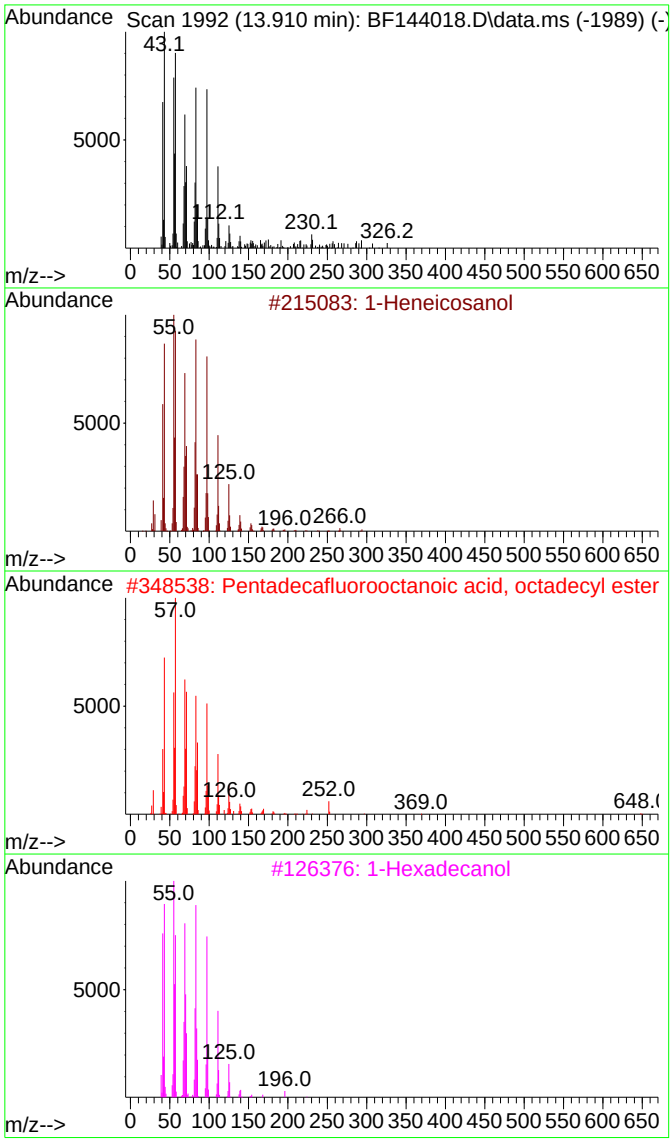
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

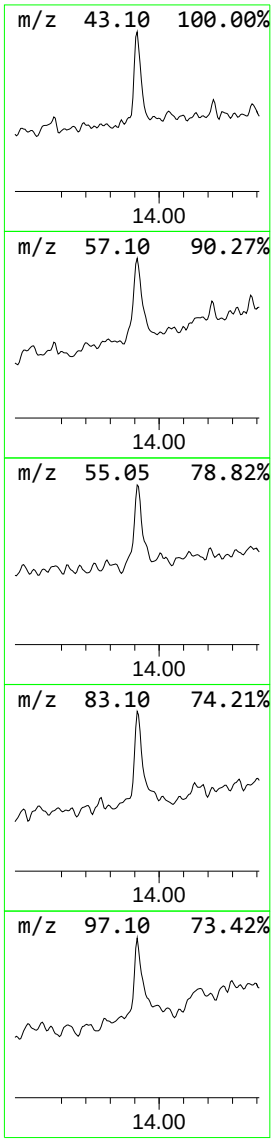
****

Peak Number 11 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	4.48 ng	178559	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
3	1-Hexadecanol	242	C16H34O	036653-82-4	76
4	Cycloeicosane	280	C20H40	000296-56-0	76
5	1-Octadecanol	270	C18H38O	000112-92-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144018.D
Acq On : 21 Oct 2025 18:01
Operator : RC/JU
Sample : Q3375-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Undecane, 2,6-d...	8.222	2.3	ng	107068	2	8.163	914174	20.0
Dodecane, 2,7,1...	9.181	2.8	ng	107406	3	9.922	782062	20.0
Benzophenone	10.633	7.6	ng	296977	3	9.922	782062	20.0
Tridecane	11.304	3.0	ng	116311	4	11.410	771398	20.0
Tridecanoic acid	11.933	5.4	ng	208444	4	11.410	771398	20.0
1-Heneicosanol	13.910	4.5	ng	178559	5	14.063	797646	20.0